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William T. Yeager, Jr.,
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William T. Yeager, Jr.,
and Wayne R. Mantay
*Structures Laboratory
AVRADCOM Research and Technology Laboratories
Langley Research Center
Hampton, Virginia*



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and Space Administration

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1983

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SUMMARY

An investigation was conducted in the Langley Transonic Dynamics Tunnel to evaluate a passive means of tailoring helicopter rotor blades to improve performance and reduce loads. The parameters investigated were blade torsional stiffness, blade section camber, and distance between blade structural elastic axis and blade-tip aerodynamic center. This offset was accomplished by sweeping the tip. The investigation was conducted at advance ratios of 0.20, 0.30, and 0.40. Data are presented without analysis; however, cross-referencing of performance data and harmonic-loads data may be useful to the analyst for validating aeroelastic theories and design methodologies as well as for evaluating passive aeroelastic tailoring of rotor blade parameters.

INTRODUCTION

During high-speed helicopter flight, rotor operating limitations often result from unfavorable spanwise and azimuthal air-load distributions. As forward speed of the helicopter increases, the rotor disk is asymmetrically loaded because of differences in relative velocity encountered around the azimuth by the blades. Blade sections on the advancing side of the disk undergo compressibility effects, whereas blade sections on the retreating side of the disk may undergo stall effects. To increase forward-flight efficiency while maintaining hover efficiency, designers have built in blade twist, used advanced airfoil sections, and changed solidity to improve overall rotor air-load distribution. These efforts have resulted in compromises that affect hover and forward-flight performance. For example, large amounts of twist applied to increase hover efficiency can result in limitations on forward flight such as high flapwise stresses on blades (ref. 1).

In an attempt to avoid restrictions of fixed-geometry blades, conformable-rotor concepts have been considered. Initially, these rotors were designed with active control mechanisms (refs. 1 to 3) in an attempt to tailor the rotor for increased performance or reduced loads in all flight regimes. The active control systems, however, tend to be complex, costly, and unreliable. To avoid these limitations, passive means of tailoring the rotor blades have been investigated (refs. 4 to 7). These passive rotor concepts are usually designed to allow the blade to adapt to an operating condition by means of favorable dynamic twist, thereby improving performance and reducing loads.

An investigation was conducted in the Langley Transonic Dynamics Tunnel to evaluate a passive means of tailoring rotor blades to improve performance and reduce loads. The parameters investigated were blade torsional stiffness, blade section camber, and distance between the blade structural elastic axis and the blade-tip aerodynamic center. This offset was accomplished by sweeping the tip. Configurations involving blades with reduced torsional stiffness are referred to in this report as aeroelastically conformable rotors (ACR). The investigation was conducted at advance ratios of 0.20, 0.30, and 0.40. Data are presented without analysis.

SYMBOLS

The positive directions of forces, angles, and velocities are shown in figure 1. The symbols in parentheses are used in the computer-generated data tables.

A_n	(AMP)	amplitude of nth harmonic of blade or pitch link load, in-lb or lb
A_0	(MEAN)	mean value of Fourier analysis of blade or pitch link load, in-lb or lb
A_1	(A1)	rotor first-harmonic lateral cyclic pitch angle, deg
a		speed of sound, ft/sec
B_1	(B1)	rotor first-harmonic longitudinal cyclic pitch angle, deg
b		number of blades
C_D	(CD)	rotor drag coefficient, $\frac{D}{\rho\pi R^2 (\Omega R)^2}$
C_L	(CL)	rotor lift coefficient, $\frac{L}{\rho\pi R^2 (\Omega R)^2}$
C_Q	(CQ)	rotor torque coefficient, $\frac{Q}{\rho\pi R^3 (\Omega R)^2}$
c		nominal blade chord, 3.625 in.
D		rotor drag, lb
L		rotor lift, lb
M_T		rotor tip Mach number, $\frac{\Omega R}{a}$
Q		rotor shaft torque, in-lb
R		rotor radius, 58.8 in.
	(RPM)	rotor rotational velocity, revolutions per minute
r		spanwise distance along blade radius measured from center of rotation, in.
V		free-stream velocity, ft/sec
α_s	(ALPHA)	rotor shaft angle of attack, deg
θ	(THETA)	rotor blade collective pitch angle at 0.75R, deg
θ_1		twist angle built into rotor blade, positive for nose-up, deg
μ		rotor advance ratio, $\frac{V}{\Omega R}$

ρ		test-medium mass density, slugs/ft ³
σ	(SIGMA)	rotor solidity, $\frac{bc}{\pi R} = 0.0785$
ϕ_n	(PHASE)	phase angle of nth harmonic of blade or pitch link load, deg
ψ		rotor blade azimuth angle, deg
Ω		rotor rotational velocity, rad/sec
ω		natural frequency of rotating blade mode, rad/sec

APPARATUS AND PROCEDURES

Wind Tunnel

The experiment was conducted in the Langley Transonic Dynamics Tunnel (TDT). A schematic of the TDT is shown in figure 2. The TDT is a continuous-flow tunnel with a slotted test section and is capable of operation up to Mach 1.2 at stagnation pressures up to 1 atm. The tunnel test section is 16 ft square with cropped corners and has a cross-sectional area of 248 ft². Either air or Freon 12¹ may be used as a test medium. For this investigation, Freon 12 at a nominal density of 0.006 slug/ft³ was used as the test medium. Because of its high density and low speed of sound, the use of Freon 12 aids the matching of model-rotor-scale Reynolds number and Mach number to full-scale values. Furthermore, some restrictions on model structural design are eased, and dynamic similarity is still maintained. The heavier test medium permits a simplified structural design to obtain the required stiffness characteristics, and thus eases design and fabrication requirements of the model (ref. 8).

Model Description

The rotor model used in this investigation was a 0.182-scale, four-bladed, articulated rotor with coincident lead-lag and flapping hinges. The hub operated with a pitch-flap coupling ratio of 0.5 (flap up, pitch down). The attachment point of the blade pitch link was 1.4 in. aft of the blade pitch axis. The blade geometry and built-in twist distribution are shown in figure 3. The blades were designed such that changes to the tip configuration could be made at the 85-percent-radius station. Two tip configurations, a rectangular and a swept tip, were tested during this investigation. The geometry of these tips is shown in figure 4. The two sets of blades used during this investigation were Mach-scaled and differed only in torsional stiffness. The structural properties and rotating natural frequencies of the two blade sets are presented in tables I and II. Each set of blades was composed of an SC 1095 airfoil from the root cutout to 47 percent radius and from 91 percent radius to the tip. Between 48 and 90 percent radius, a cambered SC 1095-R8 airfoil was used. The regions between 47 and 48 percent radius and 90 and 91 percent radius were used to transition between the two airfoils. Between 48 and 83 percent radius, each blade was also equipped with 20 adjustable trailing-edge tabs, 6.5-percent-chord wide each, which could be used to change the local blade section camber. One blade of

¹Freon: Registered trademark of E. I. du Pont de Nemours & Co., Inc.

each set was instrumented with resistance-wire strain-gage bridges calibrated to measure blade structural moments about three axes at several blade radial stations. Flapwise (out-of-plane) moments and chordwise (in-plane) moments were measured at 25, 37, 51, and 77 percent radius, whereas torsional moments were measured at 28, 36, 50, and 75 percent radius.

The blades were tested using the aeroelastic rotor experimental system (ARES) shown in figures 5 and 6. The ARES has a streamlined helicopter fuselage shape enclosing the rotor controls and drive system. The ARES is powered by a variable frequency synchronous motor rated at 47-hp output at 12 000 rpm. The motor is connected to the rotor shaft through a belt-driven two-stage speed reduction system. The ARES rotor control system and rotor shaft angle of attack are remotely controlled from the wind-tunnel control room. The model rotor shaft angle of attack is varied by an electrically controlled hydraulic actuator. Blade collective pitch and lateral and longitudinal cyclic pitch are input to the rotor through the swashplate. The swashplate is moved by three hydraulic actuators.

Instrumentation on the ARES allows continuous displays of model control settings, rotor forces and moments, blade loads, and pitch link loads. The ARES rotor shaft pitch attitude is measured by an accelerometer, and rotor control positions are measured by linear potentiometers connected to the swashplate. Rotor blade flapping and lagging are measured by rotary potentiometers mounted on the rotor hub and geared to the blade cuff. Rotor shaft speed is determined by a magnetic sensor. The rotating blade data are transferred through a 30-channel slip-ring assembly. Rotor forces and moments are measured by a six-component strain-gage balance mounted below the pylon and drive system. The balance is fixed with respect to the rotor shaft and pitches with the fuselage. Fuselage forces and moments are not sensed by the balance.

Test Procedure

At each test point, the rotor rotational speed and tunnel conditions were adjusted to give the desired values of tip Mach number and advance ratio. The model was then pitched to the desired shaft angle of attack. Blade collective pitch was changed to obtain variations in rotor lift. At each collective pitch setting, the cyclic pitch was used to remove rotor first-harmonic flapping with respect to the rotor shaft. Data were then recorded at each value of collective pitch. The maximum value of collective pitch attained at each shaft angle of attack was determined in most cases by either blade load limits or ARES drive system limits. Rotor aerodynamic performance and blade loads were measured at advance ratios of 0.20, 0.30, and 0.40 for shaft angles of attack from 5° to -15° and a rotational tip Mach number of 0.65. Data were also obtained at advance ratios of 0.30 and 0.40 for rotational tip Mach numbers of 0.62 and 0.68.

Model deadweight tares were determined throughout the range of shaft angles of attack with the blades on and with them removed. Aerodynamic rotor hub tares were determined with the blades removed throughout the ranges of shaft angles of attack and advance ratios investigated. Both deadweight and aerodynamic hub tares have been removed from the data presented herein.

PRESENTATION OF RESULTS

The rotor performance and loads data obtained during this investigation are presented in both figures and tables. Rotor performance is presented as plots of C_L/σ versus C_D/σ and C_L/σ versus C_Q/σ for each combination of advance ratio μ and rotor tip Mach number M_T for each rotor configuration. These rotor performance parameters (CL/SIGMA, CD/SIGMA, and CQ/SIGMA) are also presented in tabular form along with the corresponding rotor control angles A_1 , B_1 , and θ (A_1 , B_1 , and THETA). Each plotted and tabulated data point is identified by a specific test run number and point number. For example, point 213 of run 9 is indicated as 9.213 in the plots. The rotor loads data are presented in tabular form for each combination of μ and M_T for each rotor configuration and consist of the mean (MEAN), oscillatory (1/2 peak to peak (1/2 P-P)), and first eight harmonics (1P to 8P) of a Fourier analysis of the instrumented blade strain-gage signals. Pitch link loads are also presented. The loads data, like the performance data, are identified by a specific test run number and point number. This allows cross-referencing of loads and performance data. The amplitudes (AMP) of the blade flapwise, chordwise, and torsion loads are presented in inch-pounds, and the amplitude of the pitch link loads is presented in pounds. The amplitudes of all phase angles (PHASE) are presented in degrees referenced in the direction of rotor rotation from 0° over the tail of the model. The sign conventions for the blade loads data are as follows: flapwise up, positive; chordwise aft, positive; torsion blade nose-up, positive; and pitch link load for a tension load, positive. The total blade load or pitch link load at any azimuth location may be reconstructed from the tabulated harmonics by using the following equation:

$$\text{Load} = A_0 + \sum_{n=1}^8 A_n \sin(n\psi + \phi_n)$$

The data are presented in the following order:

	Table	Figure
Data repeatability	III-IV	7-8
ACR blade, rectangular tip, 0° tabs	V	9
ACR blade, rectangular tip, 4° tabs	VI	10
ACR blade, swept tip, 4° tabs	VII	11
Baseline blade, swept tip, 0° tabs	VIII	12

The positive direction of all tab deflections indicated is for trailing-edge up. The data presented under "data repeatability" were presented in this form to allow the reader to make a comparative assessment of the quality of the data obtained during this investigation. The data presented in figures 7 and 8 were selected as the most representative repeat data points.

CONCLUDING REMARKS

Performance and loads data are compiled for two model helicopter rotors incorporating differences in rotor structural and geometric parameters. The test measured the effects of blade torsional stiffness, blade section camber, and distance between

the blade structural elastic axis and blade-tip aerodynamic center on rotor performance and loads. The cross-referencing of performance data and harmonic-loads data may be useful to the analyst for validating rotor aeroelastic theories and design methodologies as well as for evaluating passive aeroelastic tailoring of rotor blade parameters.

Langley Research Center
National Aeronautics and Space Administration
Hampton, VA 23665
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REFERENCES

1. Lemnios, A. Z.; and Smith, A. F.: An Analytical Evaluation of the Controllable Twist Rotor Performance and Dynamic Behavior. USAAMRDL Tech. Rep. 72-16, U.S. Army, May 1972. (Available from DTIC as AD 747 808.)
2. Lemnios, A. Z.; Nettles, William E.; and Howes, H. E.: Full Scale Wind Tunnel Tests of a Controllable Twist Rotor. Preprint No. 1064, 32nd Annual National V/STOL Forum, American Helicopter Soc., May 1976.
3. McCloud, John L., III; and Kretz, Marcel: Multicyclic Jet-Flap Control for Alleviation of Helicopter Blade Stresses and Fuselage Vibration. Proceedings - Specialists Meeting on Rotorcraft Dynamics, American Helicopter Soc. and NASA-Ames Research Center, Feb. 1974.
4. Doman, Glidden S.; Tarzanin, Frank J.; and Shaw, John, Jr.: Investigation of Aeroelastically Adaptive Rotor Systems. Proceedings of a Symposium on Rotor Technology, American Helicopter Soc., Aug. 1976.
5. Blackwell, R. H.; and Merkley, D. J.: The Aeroelastically Conformable Rotor Concept. Preprint No. 78-59, American Helicopter Soc., May 1978.
6. Blackwell, R. H.; Murrill, R. J.; Yeager, W. T., Jr.; and Mirick, P. H.: Wind Tunnel Evaluation of Aeroelastically Conformable Rotors. Preprint No. 80-23, 36th Annual Forum Proceedings, American Helicopter Soc., May 1980.
7. Blackwell, R. H.; and Frederickson, K. C.: Wind Tunnel Evaluation of Aeroelastically Conformable Rotors. USAAVRADCOM-TR-80-D-32, U.S. Army, Jan. 1981.
8. Lee, Charles: Weight Considerations in Dynamically Similar Model Rotor Design. SAWE Paper No. 659, May 1968.

TABLE I.- PROPERTIES OF BASELINE BLADE

(a) Structural properties

Inboard station of segment, r/R	Segment length, ft	Mass, slugs	Structural stiffness, lb-ft ²			Radius of gyration of spar, ft
			Chordwise	Flapwise	Torsional	
0.117	0.167	0.011	69 397	9319.0	431.7	0.000417 ↓
.151	.417	.007	2 776	9319.0	431.7	
.236	.751	.014	2 776	74.3	88.8	
.389	.417	.008	2 568	81.3	91.7	
.474	.335	.006	↓	75.7	93.7	
.542	.915	.017	↓	81.3	94.4	
.729	.335	.006	↓	86.6	92.2	
.797	.249	.005	↓	91.7	102.1	
.850	.167	.005	694	33.4	27.1	
.884	.568	.002	347	20.8	21.5	

(b) Model rotor blade rotating natural frequencies

Model identity	ω/Ω^*
Flapwise	2.65
Flapwise	4.98
Chordwise	5.08
Torsional	7.06
Flapwise	8.17

* Ω = 68.07 rad/sec.

TABLE II.- PROPERTIES OF ACR BLADE

(a) Structural properties

Inboard station of segment, r/R	Segment length, ft	Mass, slugs	Structural stiffness, lb-ft ²			Radius of gyration of spar, ft
			Chordwise	Flapwise	Torsional	
0.117	0.167	0.011	69 397	9319.0	431.7	0.000417 ↓
.151	.417	.007	2 776	9319.0	431.7	
.236	.751	.014	2 776	75.7	85.4	
.389	.417	.008	2 568	78.4	68.0	
.474	.335	.006	↓	75.0	27.8	
.542	.915	.017	↓	71.4	23.0	
.729	.335	.006	↓	88.8	26.4	
.797	.249	.005	↓	72.1	27.8	
.850	.167	.005	694	59.8	33.4	
.884	.568	.002	347	20.8	21.5	

(b) Model rotor blade rotating natural frequencies

Model identity	ω/Ω^*
Flapwise	2.75
Torsional	4.50
Flapwise	4.96
Chordwise	4.98
Flapwise	8.17

* Ω = 68.07 rad/sec.

TABLE III.- REPEAT DATA POINTS FOR ACR BLADE
WITH SWEPT TIP AND 4° TABS

[Data plotted in fig. 7]

(a) $\mu = 0.20$; $M_T = 0.65$

PT.	ALPHA	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CS/SIGMA
139	-10.0	-1.9	3.3	4.0	.03583	-.00618	.00267
140	-10.0	-1.3	3.8	5.9	.04741	-.00822	.00333
141	-10.0	-1.7	4.5	7.9	.06049	-.01065	.00413
142	-10.0	-2.1	5.2	9.9	.07183	-.01289	.00496
143	-10.0	-2.6	5.9	11.9	.08396	-.01515	.00597
144	-10.0	-3.1	6.6	13.9	.09496	-.01751	.00714
145	-10.0	-3.6	7.1	15.8	.10519	-.01959	.00828
150	-9.9	-1.8	3.5	4.0	.03664	-.00591	.00277
151	-10.0	-1.3	4.0	6.0	.04872	-.00809	.00343
152	-10.0	-1.6	4.7	7.9	.06047	-.01038	.00426
153	-10.0	-2.0	5.5	9.9	.07235	-.01261	.00508
154	-10.0	-2.6	6.1	12.1	.08373	-.01520	.00620
155	-10.0	-2.9	6.8	13.8	.09546	-.01722	.00725

(b) $\mu = 0.30$; $M_T = 0.65$

PT.	ALPHA	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CS/SIGMA
213	-5.0	-1.3	5.2	4.1	.04287	-.00294	.00256
214	-5.0	-2.3	6.6	6.0	.05092	-.00446	.00321
215	-5.0	-2.4	7.0	8.0	.06195	-.00568	.00385
216	-5.0	-2.7	8.0	9.9	.07463	-.00654	.00449
217	-5.0	-3.5	9.2	11.9	.08551	-.00838	.00551
218	-5.0	-4.2	10.5	14.1	.09520	-.01058	.00692
219	-5.0	-4.4	10.6	14.8	.09788	-.01096	.00739
220	-5.0	-4.8	11.2	15.6	.10209	-.01195	.00823
251	-5.0	-1.2	5.2	1.9	.02612	-.00158	.00209
252	-5.0	-1.2	5.3	3.9	.04167	-.00271	.00252
356	-4.9	-1.4	4.3	2.0	.03095	-.00200	.00207
357	-4.9	-1.4	5.7	4.0	.04196	-.00324	.00269
358	-4.9	-1.7	6.4	6.0	.05534	-.00438	.00322
359	-4.9	-2.4	7.6	8.1	.06634	-.00594	.00396
360	-4.9	-2.8	8.6	9.9	.07635	-.00740	.00475
361	-4.9	-3.3	9.6	11.9	.08774	-.00886	.00570
362	-4.9	-3.9	10.4	13.9	.09747	-.01037	.00687
363	-4.9	-4.3	11.0	14.8	.10153	-.01139	.00766
364	-4.9	-4.6	11.7	16.0	.10561	-.01224	.00870
427	-4.9	-1.4	5.4	4.1	.04310	-.00286	.00254
428	-4.9	-1.9	6.1	6.1	.05574	-.00402	.00317
429	-4.9	-2.4	7.7	8.1	.06411	-.00558	.00393
430	-4.9	-2.8	8.2	9.9	.07673	-.00679	.00460
431	-4.9	-3.4	9.2	11.9	.08633	-.00831	.00559
433	-4.9	-4.4	11.0	14.9	.09996	-.01101	.00762

(c) $\mu = 0.40$; $M_T = 0.65$

PT.	ALPHA	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CS/SIGMA
331	-5.0	-1.3	6.4	4.0	.03351	-.00128	.00280
332	-5.0	-1.7	8.0	6.0	.04272	-.00245	.00345
333	-5.0	-1.8	8.0	5.9	.04234	-.00250	.00342
334	-5.0	-1.9	8.9	7.9	.05429	-.00354	.00399
335	-5.0	-2.4	10.1	9.9	.06390	-.00484	.00484
365	-4.8	-1.5	6.5	4.0	.03191	-.00152	.00268
366	-4.9	-1.8	8.0	6.0	.04163	-.00281	.00333
367	-4.9	-2.1	9.1	8.0	.05295	-.00408	.00399
368	-4.9	-2.5	10.2	9.9	.06283	-.00524	.00480

TABLE IV.- REPEAT DATA POINTS FOR BASELINE BLADE
WITH SWEPT TIP AND 0° TABS

[Data plotted in fig. 8]

(a) $\mu = 0.30$; $M_T = 0.65$

PT.	ALPHA	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CG/SIGMA
534	-4.9	-.4	3.6	6.2	.03349	-.00156	.00229
535	-5.0	-1.0	4.5	8.1	.04657	-.00296	.00288
537	-4.9	-2.5	6.6	12.1	.07177	-.00627	.00453
538	-4.9	-2.9	7.4	14.0	.08694	-.00775	.00590
539	-4.9	-3.7	8.4	16.1	.09896	-.00926	.00673
541	-4.9	-4.4	9.6	18.1	.10939	-.01138	.00891
542	-5.0	-2.5	6.6	11.9	.07144	-.00653	.00443
617	-4.9	.0	1.8	2.0	.00489	.00167	.00131
618	-4.8	-.2	2.4	4.1	.02092	.00013	.00192
619	-4.9	-.7	3.4	5.9	.03381	-.00124	.00237
620	-4.9	-1.1	4.8	6.2	.04864	-.00296	.00315
621	-4.9	-1.6	5.5	9.9	.06142	-.00431	.00377
622	-4.9	-2.3	6.5	12.0	.07495	-.00606	.00466
623	-4.9	-2.8	7.7	14.1	.08880	-.00803	.00581
626	-4.9	-1.4	6.0	11.0	.06908	-.00510	.00412
662	-5.0	.1	1.9	2.0	.00456	.00097	.00120
663	-5.0	.1	1.9	2.0	.00462	.00097	.00118
664	-4.9	.1	2.4	4.0	.02104	-.00065	.00158
665	-5.0	-.4	3.9	6.0	.03282	-.00210	.00206
666	-5.0	-.5	3.9	6.0	.03352	-.00219	.00208
667	-5.0	-1.0	4.7	7.8	.04573	-.00352	.00270
668	-5.0	-1.6	5.5	10.0	.06245	-.00515	.00351
669	-5.0	-2.0	6.5	11.9	.07580	-.00666	.00439
690	-5.0	-2.7	7.6	14.1	.08944	-.00849	.00552
691	-5.0	-3.4	8.5	15.9	.10097	-.01019	.00667
692	-5.0	-4.2	9.6	17.9	.11189	-.01196	.00851

(b) $\mu = 0.30$; $M_T = 0.68$

PT.	ALPHA	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CG/SIGMA
584	-5.0	-.6	3.6	6.2	.03136	-.00134	.00228
585	-5.0	-1.2	4.6	6.2	.04443	-.00295	.00290
586	-5.0	-1.3	5.5	10.0	.05770	-.00436	.00384
588	-5.0	-2.9	7.6	14.0	.08368	-.00777	.00533
627	-4.8	-.1	2.5	4.1	.02033	-.00007	.00187
628	-4.8	-.6	3.4	6.0	.03446	-.00156	.00238
629	-4.9	-1.1	4.6	8.1	.04806	-.00313	.00297
630	-4.9	-1.6	5.4	10.0	.06132	-.00464	.00367
631	-4.9	-2.2	6.3	11.9	.07444	-.00619	.00447
632	-4.9	-2.8	7.3	13.9	.08796	-.00789	.00555
633	-4.9	-3.4	8.4	16.0	.10050	-.00959	.00682
639	-5.0	-.3	2.5	3.9	.01995	-.00022	.00176
640	-5.0	-.7	3.6	5.9	.03395	-.00169	.00223
641	-5.0	-1.1	4.6	8.0	.04852	-.00330	.00294
642	-5.0	-1.5	5.6	9.9	.06203	-.00477	.00366
643	-5.0	-2.1	6.4	11.7	.07537	-.00624	.00449
644	-5.0	-2.8	7.5	13.8	.08814	-.00808	.00553
645	-5.0	-3.6	8.6	15.9	.10066	-.01002	.00691

TABLE V.- ROTOR PERFORMANCE AND BLADE LOADS DATA FOR ACR BLADE
WITH RECTANGULAR TIP AND 0° TABS

(a) $\mu = 0.20$; $M_T = 0.65$

PT.	CL/SIGMA	CD/SIGMA	CQ/SIGMA
376	.02657	-.00340	.00218
377	.04128	-.00634	.00297
378	.06084	-.00969	.00407
379	.07567	-.01253	.00519
380	.09339	-.01521	.00656
381	.10773	-.01850	.00820
382	.02593	-.00094	.00150
383	.04028	-.00272	.00213
384	.05678	-.00450	.00278
385	.07463	-.00603	.00364
386	.09115	-.00758	.00470
387	.10598	-.00915	.00601
388	.00809	-.00021	.00121
389	.01649	-.00030	.00157
390	.02657	-.00043	.00212
391	.03975	-.00014	.00300
392	.05366	-.00002	.00408
393	.06770	.00014	.00534
394	.08170	.00002	.00687
395	.09751	.00025	.00874
396	.10419	.00041	.00970

TABLE V.- Continued

(a) Continued

FLAPWISE 25 PERCENT RADIUS

PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
376	46.88	18.14	613	5.50 145.56	3.74 334.57	2.97 68.93	1.46 335.54	1.71 51.27	.63 312.57	.25 178.63	.59 384.38	AMP PHASE
377	49.16	9.29	612	5.93 146.22	3.88 342.66	2.18 53.99	1.55 322.85	1.23 34.81	.59 293.89	.78 187.78	.58 289.95	AMP PHASE
378	51.98	9.66	612	5.25 147.29	3.93 352.15	1.29 36.24	1.89 318.48	1.69 333.89	.73 285.88	.32 6.28	.86 265.12	AMP PHASE
379	54.66	11.88	612	4.33 138.52	4.31 359.44	1.18 347.94	1.15 288.31	2.62 328.82	.68 236.41	.79 16.41	.14 239.19	AMP PHASE
380	57.69	14.98	612	3.95 118.42	4.94 12.73	1.88 288.62	1.85 247.82	3.27 316.84	1.36 219.15	1.23 19.39	1.48 244.53	AMP PHASE
381	60.81	17.48	612	4.42 86.94	6.85 9.28	2.65 257.81	1.54 199.78	3.55 289.37	1.68 194.73	1.52 355.41	1.65 287.21	AMP PHASE
382	45.31	13.29	611	6.51 155.72	4.98 317.95	4.42 72.88	2.35 338.82	1.32 185.97	.48 321.66	.42 288.45	.64 316.16	AMP PHASE
383	47.63	11.42	612	6.48 148.22	4.45 322.73	3.15 53.32	1.92 312.83	.98 52.88	.85 295.36	.42 289.37	.87 295.25	AMP PHASE
384	58.14	18.25	612	5.87 148.23	4.16 334.55	2.48 39.98	1.97 388.64	1.83 341.82	1.46 283.39	.53 327.18	1.31 298.78	AMP PHASE
385	52.82	11.78	612	5.32 144.88	3.94 343.28	1.88 12.38	2.87 282.52	2.46 312.39	1.72 271.68	.85 329.46	1.87 275.94	AMP PHASE
386	55.55	14.32	612	4.45 131.83	4.82 353.17	1.49 329.88	2.37 248.89	3.48 381.36	2.32 243.74	1.87 389.94	2.24 256.39	AMP PHASE
387	58.13	15.85	613	3.95 189.39	4.92 8.57	1.66 383.37	2.66 229.28	3.81 312.81	2.56 236.32	.79 318.87	2.58 256.17	AMP PHASE
388	46.33	3.88	616	.68 266.16	.88 264.53	.62 381.85	2.25 261.88	5.88 265.61	.28 381.42	.51 388.39	.33 381.92	AMP PHASE
389	47.48	6.98	613	1.7 162.84	.53 295.81	2.99 7.68	1.87 384.46	1.12 22.68	.24 153.89	.79 48.36	.46 213.91	AMP PHASE
390	49.84	13.88	612	.62 142.45	.39 287.53	1.28 48.56	1.76 47.67	2.58 338.71	1.14 296.98	.97 297.74	.73 221.11	AMP PHASE
391	58.54	15.88	611	.37 189.93	1.46 185.78	2.76 318.46	1.19 76.78	2.18 136.44	.81 268.47	1.36 68.83	.49 54.76	AMP PHASE
392	52.84	17.28	614	.95 217.37	1.35 214.33	2.11 78.85	2.25 75.63	2.81 75.74	.31 66.41	.56 277.81	.73 73.45	AMP PHASE
393	54.51	17.48	612	.54 237.85	1.94 183.83	.96 28.52	1.76 134.21	1.77 18.56	2.68 318.87	1.64 216.98	1.14 238.74	AMP PHASE
394	56.83	21.66	612	3.39 278.91	.83 281.78	5.16 186.48	2.64 47.57	3.43 286.93	.26 34.66	1.14 228.18	.76 9.76	AMP PHASE
395	59.73	23.88	611	1.88 268.37	1.88 123.82	2.79 348.84	3.18 184.41	3.17 25.84	1.26 253.81	1.66 148.81	1.51 285.58	AMP PHASE
396	61.33	26.71	612	1.62 337.63	2.29 137.58	1.89 36.46	2.76 24.68	6.77 317.31	1.72 35.38	1.76 178.87	.35 223.87	AMP PHASE

CHORDWISE 25 PERCENT RADIUS

PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
376	55.82	19.62	613	5.68 287.71	2.85 139.83	3.82 278.25	2.25 333.97	3.62 273.97	3.96 173.61	1.13 68.74	.18 14.27	AMP PHASE
377	56.74	38.41	612	17.26 311.15	6.37 152.22	4.74 253.41	3.68 389.31	4.96 268.91	5.35 159.25	1.58 63.82	.14 25.18	AMP PHASE
378	57.38	57.18	612	35.47 338.87	6.94 163.82	8.88 211.36	5.81 336.58	2.96 234.19	8.19 213.88	.78 69.88	.89 174.32	AMP PHASE
379	57.51	72.76	612	54.69 346.65	5.58 182.76	12.85 284.74	5.89 339.78	5.19 176.38	3.75 234.13	1.86 336.66	.18 257.83	AMP PHASE
380	56.91	94.59	612	78.49 357.18	5.44 216.85	16.22 214.12	3.82 355.62	12.36 189.37	4.78 27.19	1.79 1.35	.33 285.62	AMP PHASE
381	56.88	117.31	612	181.28 355.18	9.81 238.38	16.25 284.46	2.38 324.67	15.85 167.59	8.73 38.17	1.95 327.36	.38 198.61	AMP PHASE
382	55.83	19.55	611	7.59 292.86	4.71 136.55	5.22 274.88	2.75 326.56	4.34 278.78	2.28 197.97	1.82 83.46	.18 53.18	AMP PHASE
383	55.42	29.54	612	14.78 298.28	6.91 138.26	6.98 258.61	2.68 289.87	6.49 258.75	.79 253.23	1.35 48.64	.19 3.88	AMP PHASE
384	55.86	48.28	612	27.46 312.78	8.51 142.38	5.94 224.89	5.28 388.59	6.89 252.71	6.93 159.12	2.37 45.46	.31 358.85	AMP PHASE
385	54.43	67.58	612	44.22 332.32	8.81 141.77	9.94 282.64	6.25 323.44	3.86 226.28	7.39 177.38	1.28 31.64	.11 384.89	AMP PHASE
386	53.92	84.44	612	63.95 341.26	5.56 142.88	14.77 195.49	5.69 317.73	4.88 158.88	2.39 123.44	2.58 389.97	.45 273.44	AMP PHASE
387	53.79	184.69	613	3.99 349.13	2.69 173.16	2.89 218.38	5.41 328.78	8.87 163.72	2.94 19.19	4.88 317.51	.78 338.88	AMP PHASE
388	53.63	9.82	616	1.59 297.83	.68 158.63	1.28 141.64	.55 192.88	1.19 147.62	1.11 191.48	.89 359.68	.89 294.32	AMP PHASE
389	53.93	18.34	613	1.37 297.88	.61 174.84	2.98 234.95	.98 275.89	.86 183.57	.72 225.59	.22 68.69	.11 265.11	AMP PHASE
390	52.87	23.19	612	1.85 385.78	.12 182.43	2.81 269.88	2.22 43.78	4.46 279.43	5.28 138.94	.42 382.87	.14 262.15	AMP PHASE
391	52.45	38.74	611	2.15 322.84	2.18 41.92	2.79 178.88	4.88 85.38	3.26 189.32	5.98 159.18	.99 51.41	.23 133.85	AMP PHASE
392	53.31	33.98	614	3.99 321.83	2.69 73.46	3.32 388.95	4.88 74.39	3.26 337.46	5.98 232.47	.99 259.73	.23 295.51	AMP PHASE
393	54.41	48.35	612	6.72 339.32	5.61 45.98	1.81 258.42	2.34 112.48	1.95 187.87	7.64 277.87	1.58 233.19	.84 173.77	AMP PHASE
394	55.68	59.58	612	6.88 358.49	4.46 66.83	15.86 314.34	6.18 27.45	9.85 227.76	6.67 112.72	1.66 258.45	.56 91.86	AMP PHASE
395	56.89	69.48	611	15.65 319.84	9.76 352.33	9.47 286.88	7.77 74.18	3.68 196.58	6.47 288.12	4.29 183.67	.63 18.16	AMP PHASE
396	56.28	92.74	612	22.95 354.96	14.91 12.67	12.28 255.94	7.84 338.98	14.87 185.58	7.83 154.22	3.89 196.78	1.88 175.24	AMP PHASE

TABLE V.- Continued

(a) Continued

TORSION 28 PERCENT RADIUS											
RUN NO 38											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
376	-3.28	4.65	613	4.32	.76	.23	.13	.19	.88	.86	.85 AMP
				161.46	18.78	78.73	267.67	338.53	268.37	169.62	225.43 PHASE
377	-3.62	4.76	612	4.27	1.86	.11	.18	.24	.16	.87	.81 AMP
				153.25	8.88	122.31	265.51	335.81	216.12	139.82	288.74 PHASE
378	-4.86	4.92	612	4.13	1.35	.29	.24	.89	.16	.87	.82 AMP
				144.54	17.91	224.75	239.93	249.69	226.76	286.11	161.63 PHASE
379	-4.48	5.53	612	3.98	1.78	.55	.21	.26	.28	.88	.83 AMP
				132.42	21.25	225.67	199.44	225.95	194.99	273.16	248.86 PHASE
388	-5.88	6.32	612	4.81	2.43	1.81	.49	.56	.35	.18	.85 AMP
				115.15	29.72	236.38	134.63	281.46	229.69	348.23	354.19 PHASE
381	-5.55	7.58	612	4.86	2.92	1.51	.92	.54	.31	.26	.18 AMP
				98.81	21.84	236.78	184.28	174.88	284.97	327.24	329.42 PHASE
382	-2.54	4.93	611	4.28	.14	.94	.32	.13	.13	.83	.83 AMP
				165.86	334.19	93.16	348.38	336.45	195.89	89.87	295.65 PHASE
383	-3.81	4.64	612	4.23	.57	.56	.18	.15	.87	.86	.85 AMP
				155.53	1.81	78.13	266.38	288.52	193.55	318.84	246.37 PHASE
384	-3.46	4.74	612	4.17	.93	.24	.36	.12	.25	.81	.84 AMP
				147.63	13.82	122.66	218.78	298.43	227.34	168.46	284.33 PHASE
385	-3.93	5.18	612	3.94	1.44	.31	.54	.19	.18	.18	.87 AMP
				137.32	25.65	193.72	287.56	233.63	228.59	239.32	264.46 PHASE
386	-4.43	5.92	612	3.75	2.11	.63	.82	.44	.18	.15	.85 AMP
				128.44	29.46	197.86	191.79	238.11	213.86	266.68	233.82 PHASE
387	-4.99	6.66	613	4.81	3.12	1.22	1.85	.54	.25	.13	.14 AMP
				98.58	38.23	285.35	281.76	261.32	324.38	11.75	168.98 PHASE
388	-2.88	.95	616	.22	.13	.13	.82	.17	.85	.85	.82 AMP
				324.45	248.77	57.57	183.14	149.41	197.37	385.64	312.34 PHASE
389	-2.43	1.23	613	.16	.89	.89	.17	.21	.84	.83	.86 AMP
				159.88	299.88	34.92	273.56	262.96	148.35	86.14	188.22 PHASE
398	-2.84	2.32	612	.34	.26	.18	.38	.45	.13	.83	.86 AMP
				127.45	318.51	95.54	15.91	232.88	169.56	319.35	211.21 PHASE
391	-3.65	2.72	611	.45	.36	.27	.29	.27	.88	.88	.83 AMP
				148.29	264.11	281.19	358.93	58.86	133.59	76.49	188.81 PHASE
392	-4.44	3.53	614	.22	.32	.16	.78	.48	.13	.81	.82 AMP
				158.75	297.86	15.44	33.94	334.86	167.34	41.88	98.84 PHASE
393	-5.84	3.77	612	.28	.58	.16	4.45	.26	.35	.11	.89 AMP
				125.84	312.31	272.89	49.98	292.89	189.82	189.85	262.31 PHASE
394	-5.68	4.92	612	.49	.19	.58	.75	.75	.19	.86	.83 AMP
				178.89	287.34	351.31	358.41	218.97	6.69	388.79	386.69 PHASE
395	-6.48	4.74	611	.31	.64	.69	.84	.18	.26	.11	.15 AMP
				152.96	326.33	274.82	38.92	288.57	162.19	118.17	261.23 PHASE
396	-6.66	7.82	612	.41	.45	.27	1.13	1.48	.38	.28	.83 AMP
				71.89	276.71	248.43	325.15	285.81	58.56	157.19	183.71 PHASE

TABLE V.- Continued

(a) Continued

FLAPWISE 37 PERCENT RADIUS												
PT NO	RUN NO 38		RPM	1P	2P	3P	4P	5P	6P	7P	8P	
	MEAN	1/2 P-P										
376	32.82	13.46	613	9.33	5.23	3.44	1.28	.98	.17	.86	.89	AMP
				142.58	329.38	58.58	325.65	35.56	298.29	224.97	132.93	PHASE
377	34.38	13.25	612	9.93	5.38	3.88	1.26	.62	.25	.96	.15	AMP
				143.58	335.28	39.98	318.58	18.63	298.82	151.62	181.75	PHASE
378	37.11	13.16	612	10.35	5.24	2.78	1.22	1.31	1.31	.69	.28	AMP
				147.46	342.85	21.32	383.64	331.27	276.16	154.66	182.32	PHASE
379	39.63	14.54	612	10.58	5.24	2.55	1.85	2.82	.32	.89	.33	AMP
				146.96	347.71	351.27	273.39	321.33	251.18	196.57	64.83	PHASE
388	42.38	17.83	612	18.88	5.38	2.58	1.29	2.55	.52	.82	.41	AMP
				148.88	359.16	324.86	247.87	321.17	242.88	95.58	48.28	PHASE
381	44.97	18.53	612	11.86	6.83	2.57	1.72	2.84	.61	.15	.52	AMP
				141.59	356.88	293.68	216.46	298.33	211.98	64.53	18.52	PHASE
382	29.83	18.44	611	18.33	7.83	4.81	2.86	.46	.37	.14	.18	AMP
				146.65	316.31	62.39	334.29	95.43	338.43	299.44	162.88	PHASE
383	32.21	16.26	612	18.46	6.27	3.82	1.74	.59	.44	.18	.28	AMP
				143.94	318.64	44.41	311.62	34.71	383.77	383.88	112.42	PHASE
384	34.82	15.37	612	18.89	5.89	3.42	1.82	.75	.63	.38	.38	AMP
				145.56	325.78	28.16	382.73	337.61	294.66	68.24	87.96	PHASE
385	37.42	15.52	612	11.21	5.21	3.14	1.93	1.88	.73	.18	.57	AMP
				145.82	338.88	6.15	285.49	317.86	281.28	138.32	73.31	PHASE
386	48.82	16.62	612	11.25	4.82	3.86	2.85	2.72	.87	.88	.71	AMP
				142.98	334.56	337.76	255.56	318.21	254.22	178.41	39.86	PHASE
387	42.68	18.78	613	11.16	4.98	2.93	2.15	2.75	.94	.81	.84	AMP
				142.48	358.43	338.34	237.38	323.81	247.75	298.41	34.69	PHASE
388	33.31	4.11	616	.92	1.88	.85	.52	.25	.19	.88	.88	AMP
				238.48	272.73	382.36	278.69	271.14	385.24	299.63	188.76	PHASE
389	34.14	6.61	613	.48	.88	2.51	.93	.69	.84	.85	.11	AMP
				198.98	388.28	7.27	385.27	23.17	173.33	115.91	18.38	PHASE
398	35.78	18.18	612	26.43	5.66	1.37	1.37	1.67	.88	.83	.21	AMP
				165.17	286.16	43.61	51.43	334.91	297.68	356.88	33.58	PHASE
391	36.99	14.84	611	.38	1.73	3.18	.97	1.33	.28	.87	.14	AMP
				228.36	186.13	313.83	82.84	145.28	269.46	31.88	213.85	PHASE
392	39.17	13.23	614	.66	1.86	2.56	1.62	1.88	.88	.12	.15	AMP
				288.25	222.69	73.21	81.88	79.82	33.71	319.63	248.11	PHASE
393	39.99	14.58	612	.91	2.99	1.38	.56	1.21	1.83	.12	.27	AMP
				198.78	183.85	25.45	168.94	18.98	324.72	288.46	54.51	PHASE
394	42.25	21.38	612	.59	1.52	7.11	1.98	2.36	.18	.18	.21	AMP
				325.54	211.26	188.32	58.84	299.89	123.88	252.86	165.71	PHASE
395	45.85	22.21	611	.66	2.86	2.98	2.98	2.85	.55	.35	.51	AMP
				238.47	133.75	34.39	113.97	26.47	269.32	282.83	96.99	PHASE
396	47.11	28.82	612	.49	3.26	3.82	2.25	4.93	.67	.16	.28	AMP
				5.56	146.75	43.88	39.61	323.47	58.24	238.36	53.47	PHASE

CHORDWISE 37 PERCENT RADIUS												
PT NO	RUN NO 38		RPM	1P	2P	3P	4P	5P	6P	7P	8P	
	MEAN	1/2 P-P										
376	37.22	18.74	613	5.85	2.56	3.84	3.85	3.95	4.98	1.67	.59	AMP
				289.39	139.84	287.85	348.38	273.79	173.86	68.28	89.85	PHASE
377	37.56	29.19	612	13.88	5.22	3.87	4.25	5.39	7.86	2.79	.56	AMP
				388.79	151.71	271.69	322.86	259.26	155.66	67.84	74.66	PHASE
378	37.34	49.74	612	26.11	5.96	5.68	6.89	3.78	12.87	1.66	1.27	AMP
				334.95	162.81	228.15	339.45	248.93	211.32	188.54	89.89	PHASE
379	36.65	57.98	612	39.13	5.89	9.86	6.67	4.21	5.92	.87	.98	AMP
				343.31	177.28	218.58	338.61	191.65	238.85	388.46	68.71	PHASE
388	35.83	71.49	612	55.58	4.97	13.33	5.81	11.31	6.49	3.28	1.34	AMP
				354.28	281.99	225.91	346.84	197.34	22.34	9.41	346.52	PHASE
381	33.39	89.33	612	71.98	7.64	13.62	4.58	13.96	12.58	3.81	2.28	AMP
				363.41	223.14	216.85	313.89	174.43	36.31	346.47	316.17	PHASE
382	37.12	18.79	611	7.88	4.81	3.92	3.46	5.15	2.57	1.54	.59	AMP
				288.42	132.19	289.67	334.86	263.99	285.52	86.27	118.36	PHASE
383	36.78	26.82	612	12.99	5.87	5.65	3.38	7.22	1.82	2.27	.84	AMP
				289.72	135.91	278.33	388.68	249.33	275.97	41.91	114.57	PHASE
384	36.87	36.79	612	21.68	7.39	4.68	6.51	6.88	9.25	4.45	.87	AMP
				389.68	141.35	246.32	317.88	253.98	155.65	47.58	69.44	PHASE
385	35.87	57.47	612	32.78	7.41	7.25	8.18	3.66	18.61	2.42	2.85	AMP
				328.87	141.27	221.91	326.13	258.82	174.87	65.12	63.81	PHASE
386	33.78	67.78	612	46.28	6.12	11.52	8.28	1.65	3.17	2.99	1.68	AMP
				337.52	139.39	218.88	317.69	163.27	118.88	298.58	39.74	PHASE
387	32.17	82.32	613	61.45	4.18	14.98	7.98	6.58	4.86	8.12	2.38	AMP
				346.85	153.18	223.77	325.28	165.59	16.31	318.78	22.82	PHASE
388	35.52	9.43	616	1.88	.57	1.83	2.22	1.21	1.51	.32	.29	AMP
				295.67	155.57	145.38	222.12	158.34	194.93	26.86	112.48	PHASE
389	34.71	11.99	613	295.93	54	1.82	1.26	.88	1.86	.48	.23	AMP
				295.94	174.19	251.57	288.47	154.95	227.46	189.58	344.88	PHASE
398	32.96	32.28	612	1.31	.17	1.71	2.98	5.47	7.26	.43	.47	AMP
				388.56	122.84	288.82	47.15	289.68	136.85	337.88	349.38	PHASE
391	31.62	35.86	611	1.26	1.98	2.28	3.98	8.88	5.18	.98	.48	AMP
				334.21	45.84	288.16	82.91	112.23	158.98	31.89	194.71	PHASE
392	31.51	38.83	614	2.28	2.48	2.66	5.22	3.13	8.46	1.26	.64	AMP
				329.77	84.58	325.41	78.61	354.89	231.13	263.58	254.48	PHASE
393	31.67	45.94	612	4.75	5.44	1.71	3.18	2.82	18.55	2.47	.78	AMP
				346.44	55.98	289.95	122.38	157.57	277.93	258.86	35.51	PHASE
394	31.72	65.16	612	4.24	3.58	18.41	7.93	12.14	18.87	3.81	1.87	AMP
				353.69	82.24	338.18	48.81	238.49	112.48	242.48	139.69	PHASE
395	31.18	68.88	611	3.93	8.33	7.31	18.48	3.16	9.58	7.72	2.12	AMP
				323.34	2.38	236.29	87.16	163.52	281.84	193.12	68.15	PHASE
396	38.75	98.78	612	14.74	11.82	9.27	9.85	12.33	11.13	6.43	1.38	AMP
				353.81	16.86	271.72	359.45	194.34	148.84	288.86	151.89	PHASE

TABLE V.- Continued

(a) Continued

TORSION 36 PERCENT RADIUS											
RUN NO 38											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
376	-4.13	4.16	613	3.86	.68	.18	.89	.16	.84	.85	.82 AMP
				153.27	26.13	41.16	185.81	276.11	178.87	78.52	83.74 PHASE
377	-4.61	4.13	612	3.82	.86	.18	.18	.17	.11	.85	.83 AMP
				144.83	5.14	135.57	287.88	282.89	142.78	67.48	26.67 PHASE
378	-5.87	4.42	612	3.77	1.89	.29	.18	.11	.88	.85	.83 AMP
				134.33	8.69	191.12	187.49	168.98	158.31	138.36	5.39 PHASE
379	-5.52	4.95	612	3.78	1.45	.47	.18	.27	.89	.86	.83 AMP
				122.94	9.11	188.99	154.81	161.89	114.14	283.39	299.91 PHASE
388	-6.81	5.79	612	3.81	2.83	.75	.46	.51	.17	.13	.86 AMP
				118.88	14.56	198.37	182.77	151.94	188.95	278.68	336.94 PHASE
381	-6.58	6.43	612	4.43	2.53	1.11	.75	.49	.21	.21	.12 AMP
				88.86	8.81	199.69	67.33	115.74	175.78	262.82	293.24 PHASE
382	-3.47	4.16	611	3.76	.22	.71	.21	.16	.15	.87	.84 AMP
				157.38	97.82	75.83	338.31	281.26	133.18	45.67	357.73 PHASE
383	-3.99	3.98	612	3.75	.45	.48	.11	.14	.18	.84	.82 AMP
				147.59	23.88	49.82	189.64	238.99	184.47	336.88	333.86 PHASE
384	-4.46	4.28	612	3.75	.75	.23	.38	.89	.16	.84	.84 AMP
				138.43	13.84	119.98	166.38	222.44	155.23	35.22	338.25 PHASE
385	-4.97	4.69	612	3.66	1.19	.35	.45	.28	.86	.85	.82 AMP
				127.88	15.95	163.24	159.78	164.29	146.54	172.89	279.36 PHASE
386	-5.45	5.38	612	3.59	1.73	.57	.69	.48	.84	.88	.81 AMP
				112.68	16.23	168.65	148.83	174.73	53.96	231.86	332.42 PHASE
387	-6.88	5.97	613	3.83	2.61	1.86	.88	.54	.29	.12	.89 AMP
				95.82	23.85	166.73	163.85	221.24	327.82	341.23	93.52 PHASE
388	-3.13	.93	616	3.82	.32	.89	.16	.14	.85	.83	.88 AMP
				328.98	232.89	43.61	55.42	188.48	134.75	258.13	388.25 PHASE
389	-3.53	.98	613	3.83	.87	.86	.11	.28	.81	.82	.83 AMP
				288.92	291.48	112.31	238.41	218.68	185.35	182.39	133.93 PHASE
398	-3.94	1.84	612	3.81	.26	.13	.22	.41	.14	.82	.82 AMP
				98.17	388.89	98.44	336.18	182.17	112.68	21.88	139.42 PHASE
391	-4.75	1.95	611	3.75	.35	.15	.28	.23	.88	.83	.82 AMP
				115.27	266.21	233.48	318.57	1.51	78.73	62.59	94.84 PHASE
392	-5.61	2.24	614	3.87	.34	.14	.58	.45	.11	.83	.82 AMP
				78.52	297.53	388.87	358.68	284.22	123.23	26.88	142.83 PHASE
393	-6.28	2.65	612	3.75	.17	.62	.19	.44	.24	.39	.83 AMP
				75.35	385.84	236.98	15.65	239.81	133.57	127.47	285.76 PHASE
394	-7.88	4.87	612	3.75	.36	.22	.64	.65	.16	.85	.81 AMP
				175.58	289.62	388.31	312.84	161.91	322.44	385.12	173.84 PHASE
395	-7.82	3.67	611	3.75	.22	.73	.62	.71	.24	.88	.87 AMP
				133.18	387.29	244.18	349.84	211.14	183.33	22.72	281.23 PHASE
396	-8.89	5.44	612	3.75	.37	.58	.32	.97	.22	.18	.82 AMP
				68.22	271.88	221.89	287.46	159.76	18.85	75.23	168.29 PHASE

TABLE V.- Continued

(a) Continued

FLAPWISE 51 PERCENT RADIUS												
RUN NO 38												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
376	17.56	18.76	613	12.98 138.66	7.38 319.32	3.79 36.93	.86 318.46	.54 237.46	.34 132.74	.18 318.43	.68 125.53	AMP PHASE
377	19.97	19.18	612	13.63 141.83	7.28 323.63	3.69 24.74	.84 384.84	.45 236.88	.38 113.38	.22 232.88	.73 189.92	AMP PHASE
378	22.86	18.38	612	14.11 146.88	7.81 328.48	3.87 11.87	.86 294.18	.29 247.85	.32 181.12	.44 181.36	.82 91.44	AMP PHASE
379	25.71	28.87	612	14.59 147.76	6.77 331.78	4.05 351.26	.84 282.31	.18 381.18	.41 45.79	.83 186.64	1.11 56.71	AMP PHASE
380	28.81	21.98	612	15.41 151.27	6.78 342.45	3.87 348.78	1.15 284.73	.32 27.21	.88 37.54	1.38 194.62	1.54 64.88	AMP PHASE
381	31.98	23.53	612	16.19 147.49	7.18 348.83	3.28 316.34	1.35 263.95	.36 3.84	.95 6.36	1.52 172.55	1.67 26.88	AMP PHASE
382	14.73	23.97	611	14.57 138.19	9.77 318.97	5.36 49.64	1.24 326.88	.65 278.46	.18 158.25	.26 96.73	.64 158.81	AMP PHASE
383	17.22	22.13	612	14.59 138.87	8.96 311.28	4.47 29.61	1.21 312.93	.45 263.27	.32 92.96	.33 183.19	.97 121.66	AMP PHASE
384	28.82	21.84	612	14.88 141.54	8.25 315.94	4.41 16.37	1.25 311.98	.28 249.13	.74 84.37	.46 146.38	1.39 112.97	AMP PHASE
385	22.89	28.51	612	15.28 143.79	7.54 317.87	4.69 1.47	1.27 382.93	.14 287.48	.89 68.19	.81 143.83	1.88 97.34	AMP PHASE
386	25.85	21.77	612	15.88 143.59	6.77 317.25	4.89 343.38	1.26 285.29	.28 354.64	1.39 49.96	1.18 127.65	2.25 77.68	AMP PHASE
387	28.97	23.38	613	16.38 145.44	6.37 329.83	4.76 342.96	1.27 275.82	.52 4.78	1.64 46.85	.98 148.77	2.54 78.67	AMP PHASE
388	28.79	4.78	616	1.41 239.26	1.48 276.67	1.83 297.49	.35 298.38	.82 325.81	.25 111.63	.28 114.99	.34 123.49	AMP PHASE
389	21.44	6.37	613	.41 218.69	1.53 384.73	2.68 4.47	.44 329.86	.19 171.69	.15 326.88	.72 213.19	.47 31.12	AMP PHASE
390	23.85	9.95	612	.53 179.85	.43 198.66	1.43 48.66	.82 74.81	.38 86.69	.78 112.66	.94 117.42	.78 38.75	AMP PHASE
391	24.67	14.21	611	1.48 231.87	2.17 173.22	3.71 314.72	.83 188.85	.34 231.61	.47 75.13	1.26 249.88	1.53 235.68	AMP PHASE
392	27.32	14.69	614	1.85 224.45	2.69 222.71	2.69 76.39	.73 136.61	.43 218.76	.19 269.12	.39 89.31	.75 246.25	AMP PHASE
393	28.17	14.42	612	2.85 196.28	4.27 175.88	1.97 28.71	.74 184.32	.68 166.78	1.45 125.47	1.57 26.34	1.88 52.89	AMP PHASE
394	31.21	25.89	612	.91 336.93	1.96 216.37	8.64 186.53	1.42 184.89	.79 62.32	.34 193.71	1.06 32.24	.69 183.13	AMP PHASE
395	34.19	28.92	611	.65 211.68	5.28 125.84	4.53 357.87	1.92 139.56	.58 151.47	.83 69.86	1.54 319.82	1.55 182.49	AMP PHASE
396	37.19	26.26	612	.71 39.33	4.53 136.13	4.24 47.52	1.56 97.49	1.27 62.88	.92 213.31	1.75 353.58	.53 41.58	AMP PHASE

CHORDWISE 51 PERCENT RADIUS												
RUN NO 38												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
376	43.53	22.91	613	5.77 298.38	2.11 143.34	2.69 388.31	3.59 344.22	4.38 273.65	5.77 174.98	2.84 63.68	1.14 97.82	AMP PHASE
377	43.18	38.53	612	4.14 387.52	4.53 152.92	3.56 292.13	4.84 338.85	5.88 259.15	8.29 156.77	3.48 73.23	1.18 83.88	AMP PHASE
378	42.25	48.85	612	21.61 332.39	5.52 161.88	4.61 247.75	7.81 343.19	4.86 254.46	14.64 212.74	2.31 114.28	2.31 93.37	AMP PHASE
379	41.48	52.83	612	31.79 341.28	5.81 178.73	7.89 233.61	7.93 339.65	3.78 197.92	7.24 238.58	.83 274.83	1.91 73.53	AMP PHASE
380	39.63	63.88	612	44.73 352.34	4.81 186.76	12.53 237.87	7.35 342.27	10.53 288.98	7.88 24.88	3.76 18.79	2.33 64	AMP PHASE
381	37.28	79.75	612	57.89 352.83	6.13 287.47	13.39 227.84	6.47 318.46	13.14 177.15	15.29 38.28	4.49 358.25	4.87 327.79	AMP PHASE
382	44.19	21.27	611	7.59 286.87	3.24 129.98	3.26 388.11	4.88 338.88	5.82 263.63	2.91 218.93	1.94 95.13	1.86 125.88	AMP PHASE
383	43.85	25.41	612	11.62 288.98	5.88 136.78	4.98 283.86	4.11 319.15	7.88 258.45	2.37 282.77	2.86 49.76	1.68 122.52	AMP PHASE
384	42.24	39.14	612	18.58 387.71	6.83 141.68	4.28 266.56	7.69 324.28	7.22 255.46	18.98 156.43	5.78 54.12	1.69 85.89	AMP PHASE
385	41.35	53.81	612	27.23 325.35	7.42 148.78	6.47 248.67	9.86 329.31	3.65 259.97	12.95 174.96	3.34 83.29	3.77 72.88	AMP PHASE
386	39.95	64.57	612	37.74 334.93	6.88 136.67	18.57 225.78	18.41 319.15	1.68 111.88	.68 116.87	2.97 292.79	2.97 51.68	AMP PHASE
387	38.16	79.93	613	49.52 343.84	5.45 142.84	14.29 235.82	18.81 324.55	5.39 157.51	6.27 21.88	9.95 312.86	3.99 36.22	AMP PHASE
388	42.25	11.22	616	18.49 283.87	.47 162.49	.53 159.31	.64 236.67	1.28 152.64	1.68 195.84	.44 48.63	.56 114.74	AMP PHASE
389	41.28	13.61	613	.33 292.22	.47 176.32	1.47 276.29	1.33 297.48	.94 145.52	1.23 232.42	.52 138.85	.44 18.59	AMP PHASE
390	39.19	38.65	612	.62 387.67	.24 132.27	1.55 293.78	3.55 52.62	5.96 296.27	8.91 137.36	1.47 15.85	.82 2.95	AMP PHASE
391	37.31	39.26	611	2.48 1.16	2.82 2.42	2.36 232.28	8.48 6.85	9.65 3.84	6.11 116.21	1.78 168.33	.86 2.28	AMP PHASE
392	36.68	44.53	614	22.82 356.27	2.82 96.66	2.64 351.35	6.85 84.52	3.84 1.59	18.32 234.93	1.22 267.93	.98 253.88	AMP PHASE
393	35.55	56.36	612	3.71 357.59	5.89 64.96	2.81 311.77	3.86 131.23	2.63 145.16	11.91 279.87	2.96 271.68	1.38 35.55	AMP PHASE
394	34.33	71.88	612	3.44 352.79	3.45 188.21	9.34 8.57	9.45 49.63	13.85 245.52	12.34 115.34	3.66 246.46	1.78 157.37	AMP PHASE
395	32.52	86.86	611	6.82 182.42	8.13 182.51	7.68 8.87	12.27 18.43	4.84 151.85	4.84 286.45	9.68 281.77	3.38 88.71	AMP PHASE
396	31.41	182.81	612	18.42 352.87	11.13 28.29	264.97 298.36	96.33 13.65	18.78 196.58	14.31 152.28	8.24 213.52	1.63 147.28	AMP PHASE

TABLE V.- Continued

(a) Continued

TORSION 5% PERCENT RADIUS												
RUN NO		38										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
376	-7.48	3.38	613	3.26	.58	.89	.87	.15	.82	.82	.84	AMP
				154.54	29.79	47.48	186.92	296.72	186.72	73.86	132.22	PHASE
377	-7.67	3.47	612	3.24	.61	.86	.87	.16	.89	.83	.84	AMP
				146.83	11.76	86.36	194.58	389.41	169.94	61.13	87.12	PHASE
378	-7.95	3.61	612	3.29	.75	.12	.15	.88	.83	.85	.84	AMP
				137.26	12.82	282.26	198.92	223.97	152.28	159.51	48.79	PHASE
379	-8.21	3.96	612	3.38	.97	.23	.17	.21	.87	.88	.86	AMP
				127.48	12.68	288.96	167.41	199.83	188.87	218.54	13.87	PHASE
388	-8.58	4.52	612	3.42	1.38	.41	.36	.38	.18	.18	.11	AMP
				117.74	18.83	283.57	132.16	177.98	283.68	274.48	33.53	PHASE
381	-8.65	5.16	612	3.77	1.82	.64	.52	.39	.14	.13	.15	AMP
				182.75	12.61	281.79	89.92	138.93	233.48	268.52	347.67	PHASE
382	-7.82	3.32	611	3.28	.86	.52	.14	.19	.13	.87	.86	AMP
				158.14	86.66	98.55	21.53	386.71	166.16	72.97	74.45	PHASE
383	-7.32	3.19	612	3.19	.38	.33	.86	.15	.11	.84	.85	AMP
				149.43	17.64	62.11	193.57	268.72	127.81	5.47	78.76	PHASE
384	-7.61	3.55	612	3.22	.48	.17	.22	.11	.13	.85	.86	AMP
				141.36	13.67	184.59	181.84	258.11	174.35	67.25	71.28	PHASE
385	-7.91	3.74	612	3.22	.76	.19	.36	.18	.85	.85	.88	AMP
				131.92	18.12	154.69	179.56	288.15	118.81	144.26	58.24	PHASE
386	-8.18	4.35	612	3.26	1.11	.34	.55	.36	.89	.82	.11	AMP
				119.51	18.22	161.66	178.18	288.18	52.19	235.33	51.88	PHASE
387	-8.48	4.98	613	3.58	1.65	.65	.66	.41	.27	.89	.14	AMP
				187.98	26.25	172.91	183.85	244.24	18.83	59.83	84.51	PHASE
388	-6.42	.76	616	.25	.18	.12	.83	.11	.86	.82	.81	AMP
				318.51	242.58	62.89	98.28	141.89	157.86	297.61	85.92	PHASE
389	-6.73	.84	613	.83	.18	.85	.89	.17	.88	.83	.88	AMP
				168.28	388.88	139.59	265.19	243.97	.34	192.12	39.11	PHASE
398	-7.81	1.54	612	.15	.22	.87	.17	.34	.13	.85	.82	AMP
				182.99	389.31	184.83	353.37	285.88	146.75	94.69	19.29	PHASE
391	-7.61	1.61	611	.18	.26	.11	.22	.19	.88	.84	.82	AMP
				114.48	282.23	263.48	331.89	28.42	187.89	212.18	182.13	PHASE
392	-8.24	1.74	614	.87	.28	.89	.42	.35	.89	.84	.83	AMP
				77.52	386.43	351.81	18.32	386.84	152.53	83.18	221.93	PHASE
393	-8.71	2.25	612	.13	.39	.12	.38	.19	.37	.85	.85	AMP
				93.71	316.89	257.62	33.31	267.11	156.84	64.37	21.87	PHASE
394	-9.24	3.82	612	.24	.16	.42	.45	.45	.12	.88	.81	AMP
				175.38	293.57	333.68	329.97	181.38	332.57	.29	91.77	PHASE
395	-9.82	3.21	611	.18	.48	.46	.51	.16	.26	.13	.83	AMP
				138.32	316.68	266.13	9.73	241.52	122.89	12.91	164.84	PHASE
396	-9.96	4.24	612	.37	.41	.19	.68	.97	.16	.12	.82	AMP
				85.96	281.66	237.66	387.34	183.48	32.96	44.18	7.68	PHASE

TABLE V.- Continued

(a) Continued

FLAPWISE 77 PERCENT RADIUS												
RUN NO 38												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
376	-2.88	28.75	613	13.73	7.69	2.46	1.55	1.32	.16	.33	.78	AMP
				136.18	316.13	346.85	114.52	223.88	158.21	134.84	388.92	PHASE
377	-.41	21.67	612	14.42	7.59	3.83	1.75	1.18	.17	.19	.83	AMP
				139.83	314.89	348.18	183.83	281.18	135.76	85.58	288.49	PHASE
378	2.69	22.15	612	14.88	7.35	3.92	1.98	2.18	.22	.48	.93	AMP
				142.35	387.61	352.45	88.38	147.23	169.92	.71	263.48	PHASE
379	5.82	23.56	612	15.32	7.82	4.69	2.31	3.53	.17	.83	1.38	AMP
				143.14	388.68	358.11	52.51	136.36	168.23	.57	232.97	PHASE
388	9.23	26.68	612	16.38	6.78	5.12	3.16	4.83	.28	1.25	1.68	AMP
				146.38	388.82	354.81	34.43	137.43	198.13	358.16	233.54	PHASE
381	12.67	28.74	612	17.38	6.88	5.11	3.96	5.49	.35	1.52	1.74	AMP
				143.96	293.71	345.88	9.64	114.39	161.83	328.29	193.93	PHASE
382	-5.59	24.33	611	15.34	9.91	3.17	2.82	.98	.66	.26	.87	AMP
				136.15	313.92	358.78	133.82	288.88	189.68	227.15	323.96	PHASE
383	-3.18	24.23	612	15.24	9.31	3.46	2.87	.91	.49	.26	1.14	AMP
				135.94	387.95	342.73	96.95	282.25	182.48	276.25	298.52	PHASE
384	-.31	25.43	612	15.66	8.82	4.25	2.69	1.71	.62	.51	1.63	AMP
				139.31	384.94	343.72	79.94	151.35	187.84	314.69	298.62	PHASE
385	2.73	27.38	612	15.97	8.48	5.88	3.51	3.55	.88	1.11	2.28	AMP
				148.59	297.68	345.84	62.59	131.71	179.15	389.76	275.69	PHASE
386	5.98	29.23	612	16.64	8.88	5.58	4.65	5.22	1.85	1.62	2.75	AMP
				148.44	289.84	343.25	43.67	123.57	166.35	287.19	255.53	PHASE
387	9.26	29.97	613	17.21	7.75	5.84	5.55	5.67	1.27	1.86	3.86	AMP
				143.17	292.87	353.83	38.17	135.72	188.88	295.85	261.18	PHASE
388	.79	6.93	616	2.14	2.94	1.12	1.12	.65	.18	.35	.13	AMP
				123.37	279.97	384.27	85.46	92.83	164.89	299.92	382.13	PHASE
389	4.58	8.56	613	.77	2.14	1.28	1.68	1.87	.11	.88	.72	AMP
				258.32	388.84	21.85	113.64	199.64	185.62	31.29	289.76	PHASE
398	7.47	15.66	612	.13	.56	.73	1.36	2.54	.68	1.84	1.11	AMP
				188.83	178.18	115.98	287.43	152.92	118.93	384.94	218.35	PHASE
391	12.81	18.79	611	2.63	3.64	.81	.46	2.52	1.22	.37	.73	AMP
				268.15	181.93	293.24	199.64	328.46	111.41	64.65	56.61	PHASE
392	17.31	19.74	614	2.87	2.82	.64	2.12	2.69	.32	.28	1.28	AMP
				251.58	226.58	171.87	232.63	258.37	234.78	214.58	68.66	PHASE
393	21.97	28.85	612	2.21	5.88	.31	.61	1.63	1.43	1.95	1.34	AMP
				287.85	198.14	89.88	145.91	165.62	195.45	198.32	236.11	PHASE
394	27.84	26.94	612	.94	3.42	3.89	2.68	3.56	.35	1.22	.89	AMP
				62.64	272.89	124.41	219.64	112.72	78.19	189.97	358.64	PHASE
395	32.37	28.63	611	3.26	6.81	4.85	3.57	3.32	.51	1.38	2.15	AMP
				213.56	124.19	57.42	298.37	284.26	295.79	136.85	278.17	PHASE
396	35.49	38.86	612	2.25	6.59	2.85	2.88	6.93	.23	1.87	.71	AMP
				344.64	117.55	64.59	177.38	133.11	247.16	159.75	236.24	PHASE

CHORDWISE 77 PERCENT RADIUS												
RUN NO 38												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
376	59.68	17.15	613	7.52	4.89	2.68	.97	2.39	2.27	.87	.35	AMP
				143.53	313.22	342.91	28.85	248.72	166.11	77.15	388.99	PHASE
377	68.87	17.83	612	6.26	4.84	3.81	1.28	2.57	3.32	1.49	.32	AMP
				158.18	318.44	335.26	2.34	236.78	146.86	74.51	355.88	PHASE
378	1.48	16.44	612	3.72	3.33	2.73	2.72	1.75	5.89	.91	.49	AMP
				148.17	382.36	323.68	.82	191.88	281.85	118.88	94.53	PHASE
379	66.26	14.58	612	1.43	2.97	3.12	3.74	3.84	2.82	.44	.28	AMP
				127.45	388.44	297.42	351.43	148.18	213.46	291.88	182.22	PHASE
388	68.99	16.68	612	1.96	2.64	4.88	4.36	5.19	3.89	1.98	1.31	AMP
				26.35	318.97	278.33	348.64	162.87	29.39	9.94	285.75	PHASE
381	71.38	22.75	612	4.39	3.14	4.27	4.47	6.17	6.51	2.39	1.72	AMP
				3.48	384.79	257.91	323.85	139.87	38.87	347.72	275.68	PHASE
382	59.78	19.86	611	8.57	6.34	3.14	.56	2.76	1.47	.73	.21	AMP
				144.85	312.31	348.86	41.39	262.32	288.63	111.33	36.41	PHASE
383	59.89	18.97	612	7.68	5.12	3.28	1.81	3.37	.85	.96	.85	AMP
				148.72	384.15	327.83	15.94	236.38	256.18	45.98	381.56	PHASE
384	61.59	18.92	612	5.69	4.85	3.33	2.62	2.37	4.88	2.98	.67	AMP
				158.24	381.88	325.89	358.97	228.54	147.72	47.14	325.48	PHASE
385	64.26	18.39	612	3.14	2.97	3.34	4.28	1.64	5.97	.85	.83	AMP
				168.49	294.74	388.22	348.83	145.97	162.11	84.16	345.87	PHASE
386	66.87	21.28	612	.57	2.28	3.73	5.21	3.43	3.14	1.79	1.21	AMP
				146.98	294.15	278.83	338.68	182.82	189.88	264.27	279.24	PHASE
387	69.45	22.44	613	2.33	1.71	4.78	6.82	4.78	2.69	4.68	2.88	AMP
				355.91	328.95	269.98	348.51	123.88	51.12	294.67	293.39	PHASE
388	62.43	8.85	616	1.38	1.97	.67	.55	.83	.79	.28	.18	AMP
				131.39	276.57	295.69	94.12	117.58	183.83	348.76	23.23	PHASE
389	63.58	8.52	613	.64	1.36	1.11	.63	1.81	1.46	.49	.33	AMP
				258.45	385.16	353.88	187.47	179.93	214.18	59.42	226.84	PHASE
398	63.67	14.95	612	2.26	4.44	.17	.71	1.32	4.18	.78	.66	AMP
				216.86	156.12	388.82	85.38	233.65	127.38	328.28	239.41	PHASE
391	64.85	16.88	611	1.44	1.91	1.78	1.98	2.84	2.66	.74	.34	AMP
				257.24	168.57	273.89	91.65	88.51	145.66	37.68	188.87	PHASE
392	66.98	21.85	614	.99	1.19	.94	1.58	2.87	4.46	.54	.89	AMP
				248.44	176.66	34.45	119.42	282.72	229.67	229.73	48.84	PHASE
393	68.27	25.39	612	.61	3.18	1.89	2.86	2.45	4.19	1.64	.53	AMP
				246.63	147.21	348.88	138.11	149.38	264.84	224.47	277.74	PHASE
394	78.47	37.94	612	1.46	1.17	5.61	2.66	3.23	4.81	1.88	.13	AMP
				354.56	212.24	68.99	71.86	288.96	186.34	221.95	185.52	PHASE
395	71.97	43.18	611	1.86	4.82	3.46	2.81	3.96	4.39	3.91	4.83	AMP
				278.25	82.19	332.57	181.78	175.88	285.38	186.83	327.83	PHASE
396	73.48	46.35	612	3.87	4.92	2.95	2.64	7.59	5.99	4.11	.76	AMP
				341.42	75.37	347.87	42.37	147.86	151.88	195.28	173.25	PHASE

TABLE V.- Continued

(a) Concluded

TORSION 75 PERCENT RADIUS											
RUN NO 38											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
376	-4.95	2.25	613	1.93	.31	.87	.85	.11	.84	.85	.83 AMP
				158.86	69.34	218.48	117.21	289.37	133.82	27.88	115.22 PHASE
377	-5.18	2.25	612	1.89	.24	.88	.84	.12	.88	.86	.82 AMP
				139.34	52.51	283.92	145.36	291.88	139.22	14.92	72.53 PHASE
378	-5.24	2.42	612	1.94	.25	.16	.14	.18	.82	.88	.82 AMP
				126.32	38.53	188.34	172.93	285.23	115.38	187.36	27.55 PHASE
379	-5.36	2.48	612	2.83	.33	.21	.28	.18	.85	.85	.85 AMP
				113.59	21.85	177.85	169.28	237.12	58.94	145.18	26.27 PHASE
388	-5.49	2.94	612	2.28	.53	.27	.32	.14	.84	.88	.18 AMP
				182.76	19.63	167.48	153.56	198.17	142.88	221.82	36.45 PHASE
381	-5.46	3.52	612	2.68	.78	.32	.37	.11	.86	.13	.11 AMP
				89.51	11.15	158.75	118.29	132.16	188.51	218.36	358.24 PHASE
382	-4.76	2.14	611	1.85	.26	.21	.28	.15	.86	.86	.86 AMP
				155.88	125.54	139.83	55.68	382.38	145.82	59.41	112.85 PHASE
383	-4.93	2.14	612	1.83	.23	.89	.86	.14	.88	.84	.85 AMP
				144.68	94.41	124.13	93.87	278.19	185.75	49.44	72.91 PHASE
384	-5.89	2.42	612	1.87	.28	.16	.14	.18	.12	.11	.85 AMP
				132.63	76.18	144.88	161.48	268.65	129.36	59.42	89.48 PHASE
385	-5.22	2.54	612	1.94	.27	.24	.28	.19	.87	.15	.89 AMP
				119.78	46.32	147.31	168.42	249.44	67.12	81.39	85.76 PHASE
386	-5.34	2.83	612	2.11	.41	.32	.46	.38	.13	.15	.14 AMP
				185.88	26.47	139.33	164.35	228.77	14.92	63.26	71.61 PHASE
387	-5.43	3.48	613	2.48	.69	.48	.58	.35	.24	.18	.14 AMP
				93.66	38.12	146.64	176.25	244.32	22.22	87.23	82.27 PHASE
388	-4.41	.58	616	2.26	.83	.82	.84	.83	.82	.82	.82 AMP
				298.98	255.49	93.63	51.68	177.86	168.32	111.81	114.48 PHASE
389	-4.72	.63	613	.82	.87	.11	.86	.86	.82	.85	.85 AMP
				179.48	297.38	188.18	277.87	258.52	388.43	214.16	21.11 PHASE
398	-4.93	1.84	612	.88	.18	.81	.11	.15	.86	.89	.87 AMP
				76.53	312.95	146.52	2.22	215.63	167.88	111.88	28.38 PHASE
391	-5.39	1.33	611	.17	.28	.18	.18	.18	.89	.89	.89 AMP
				85.32	323.43	288.51	358.37	47.46	35.88	225.84	224.95 PHASE
392	-5.94	1.62	614	.11	.26	.89	.22	.14	.84	.81	.85 AMP
				52.98	333.89	342.93	21.53	296.97	134.64	75.33	282.93 PHASE
393	-6.23	1.96	612	.13	.44	.88	.14	.88	.28	.11	.86 AMP
				65.91	345.48	267.83	38.48	258.81	131.49	6.88	82.88 PHASE
394	-6.62	2.31	612	.23	.12	.41	.19	.24	.89	.18	.83 AMP
				187.23	28.89	337.18	334.81	175.52	299.16	358.19	88.41 PHASE
395	-7.89	2.37	611	.14	.47	.32	.28	.82	.19	.16	.11 AMP
				83.51	322.72	252.88	21.72	289.55	187.15	355.81	94.67 PHASE
396	-7.18	2.77	612	.27	.39	.14	.32	.43	.11	.14	.87 AMP
				189.28	312.51	265.88	289.94	169.88	389.81	354.16	7.35 PHASE

PITCH LINK											
RUN NO 38											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
376	4.78	2.95	613	1.95	.37	.52	.46	.22	.17	.11	.18 AMP
				313.81	172.86	234.21	94.36	147.21	88.52	22.84	82.63 PHASE
377	5.84	4.87	612	3.15	.78	.88	.88	.28	.11	.11	.88 AMP
				298.12	155.74	283.24	111.85	147.72	23.82	311.13	81.88 PHASE
378	5.29	4.43	612	3.15	.98	.29	.33	.31	.24	.84	.16 AMP
				289.32	188.25	53.54	84.33	95.96	47.45	386.75	64.98 PHASE
379	5.45	5.84	612	3.59	1.37	.57	.26	.54	.32	.89	.18 AMP
				272.19	186.18	46.18	53.14	73.41	21.12	169.48	42.18 PHASE
388	5.65	7.66	612	4.44	1.95	.95	.41	.89	.57	.36	.28 AMP
				253.49	195.45	46.44	317.42	45.28	26.15	168.58	54.28 PHASE
381	5.81	9.68	612	6.38	2.45	1.44	.77	.96	.55	.54	.35 AMP
				241.32	185.84	43.81	291.87	25.67	341.86	138.59	42.32 PHASE
382	3.54	3.87	611	2.68	.82	.76	.43	.81	.28	.84	.13 AMP
				346.88	26.91	237.89	121.62	193.68	31.76	185.92	82.17 PHASE
383	4.83	3.69	612	2.51	.37	.69	.49	.17	.19	.13	.28 AMP
				382.78	121.58	237.82	188.94	189.21	75.21	69.97	67.69 PHASE
384	4.36	4.19	612	2.79	.64	.23	.45	.26	.32	.89	.27 AMP
				286.59	165.87	273.11	74.11	98.46	63.45	116.11	72.81 PHASE
385	4.68	4.95	612	3.21	1.18	.32	.58	.53	.48	.19	.39 AMP
				271.21	189.72	357.62	49.92	77.17	41.76	111.85	68.68 PHASE
386	4.99	6.52	612	4.88	1.69	.62	.81	.88	.58	.35	.48 AMP
				252.37	196.86	6.83	21.22	57.28	23.57	94.75	49.19 PHASE
387	5.25	8.41	613	5.58	2.48	1.13	1.82	1.89	.46	.31	.56 AMP
				241.78	286.48	14.41	19.71	68.34	49.49	126.47	46.36 PHASE
388	4.28	2.78	616	2.82	.12	.31	.85	.11	.88	.18	.83 AMP
				157.63	79.65	156.31	386.21	327.48	45.64	146.39	84.73 PHASE
389	5.87	2.54	613	1.48	.81	.22	.22	.22	.83	.87	.18 AMP
				188.36	69.65	165.18	78.34	93.83	338.85	198.81	354.32 PHASE
398	5.98	4.19	612	1.89	.15	.17	.41	.48	.17	.15	.12 AMP
				278.52	145.96	144.26	191.94	67.13	34.24	93.25	6.42 PHASE
391	6.58	4.86	611	1.77	.89	.31	.11	.12	.28	.28	.28 AMP
				318.22	242.98	98.22	173.74	258.74	352.52	218.48	281.38 PHASE
392	7.22	4.81	614	1.64	.23	.32	.88	.58	.87	.11	.88 AMP
				336.75	179.89	186.86	289.23	165.78	349.47	72.81	234.74 PHASE
393	7.61	5.88	612	1.52	.34	.16	.43	.29	.38	.27	.25 AMP
				325.38	193.18	189.81	226.54	123.34	59.85	7.65	31.75 PHASE
394	8.86	6.84	612	1.61	.88	.71	.88	.92	.19	.28	.86 AMP
				326.15	171.88	284.27	177.31	37.82	158.48	358.59	129.12 PHASE
395	8.27	8.17	611	1.58	.79	.88	.97	.25	.28	.25	.32 AMP
				323.42	182.18	98.29	216.33	143.43	13.55	295.83	69.28 PHASE
396	8.68	8.88	612	1.14	.45	.34	1.21	1.43	.27	.37	.88 AMP
				295.23	189.12	188.27	147.97	36.18	217.42	328.67	322.13 PHASE

TABLE V.- Continued

(b) $\mu = 0.30$; $M_T = 0.65$

PT.	CL/SIGMA	CD/SIGMA	CQ/SIGMA
355	.02068		
356	.03137	.00244	.00139
357	.05307	.00188	.00161
358	.06898	.00218	.00174
359	.08317	.00214	.00214
360	.01556	.00125	.00296
361	.03175	.00140	.00167
362	.04650	-.00040	.00211
363	.05982	-.00211	.00283
364	.06976	-.00584	.00368
365	.07599	-.00471	.00419
366	.08290	-.00552	.00470
367	.01170	-.00659	.00529
368	.02534	.00054	.00176
369	.04122	-.00206	.00254
370	.05418	-.00512	.00366
371	.06382	-.00819	.00487
372	.07034	-.01017	.00553
373	.07868	-.01157	.00628
		-.01311	.00695

TABLE V.- Continued

(b) Continued

FLAPWISE 25 PERCENT RADIUS

RUN NO 38

PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
355	41.49	34.8#	612	12.43	15.22	11.85	6.9#	4.78	2.5#	3.1#	.69	AMP
				142.65	328.95	75.25	1.55	97.87	321.32	226.25	118.75	PHASE
356	43.28	35.8#	611	14.26	15.49	11.62	6.46	4.95	2.52	3.37	.57	AMP
				144.9#	337.65	83.91	14.93	119.49	348.61	249.75	139.3#	PHASE
357	45.87	33.69	611	14.13	15.15	11.8#	6.26	3.85	2.45	2.76	.58	AMP
				143.55	331.28	73.6#	7.55	85.38	314.14	242.97	163.46	PHASE
358	47.83	33.86	612	13.86	14.48	1#37	6.85	3.21	2.59	2.58	.99	AMP
				142.29	335.68	76.5#	16.61	86.8#	323.58	247.73	167.88	PHASE
359	49.67	31.71	612	13.32	13.52	9.81	5.51	2.22	2.14	2.73	1.43	AMP
				135.86	332.89	74.7#	12.64	87.49	318.53	236.89	168.8#	PHASE
36#	41.84	31.3#	612	12.21	13.56	1#4#	6.38	4.25	1.43	1.84	.42	AMP
				152.33	348.82	85.52	19.96	136.14	5.52	258.63	62.8#	PHASE
361	44.37	3#26	612	12.34	13.48	9.96	5.81	4.46	1.35	1.73	.45	AMP
				158.65	342.34	84.69	16.56	125.55	1.83	245.39	5#47	PHASE
362	46.78	29.91	613	12.47	13.44	3.4#	5.46	5.84	1.37	1.73	.57	AMP
				145.26	336.75	75.28	5.88	118.89	347.55	225.44	42.11	PHASE
363	49.13	3#48	612	12.55	13.38	8.89	5.43	5.82	1.49	1.68	.39	AMP
				138.2#	327.78	64.88	352.82	93.39	328.49	197.85	357.93	PHASE
364	5#34	29.63	612	12.22	13.21	8.58	5.11	6.8#	1.37	1.82	.23	AMP
				141.59	339.57	81.25	14.9#	128.19	353.57	232.22	54.62	PHASE
365	51.29	29.63	613	12.11	13.89	8.16	4.84	6.24	1.42	1.76	.16	AMP
				134.27	329.73	67.82	355.9#	189.93	323.92	197.43	28.78	PHASE
366	52.35	29.31	612	11.96	12.65	7.48	4.71	6.42	1.33	1.96	.26	AMP
				129.84	328.16	65.68	352.73	187.46	388.2#	195.89	61.8#	PHASE
367	42.9#	27.8#	612	18.86	11.78	8.72	5.35	4.63	1.92	1.97	.58	AMP
				154.87	345.43	84.88	11.63	118.19	3.81	227.78	19.38	PHASE
368	45.28	27.85	612	18.91	11.92	8.43	5.21	5.2#	1.91	1.92	.63	AMP
				148.68	342.34	75.68	358.29	94.81	355.79	218.8#	356.23	PHASE
369	47.82	27.84	612	18.79	12.81	8.87	5.17	5.41	1.78	2.11	.54	AMP
				148.89	347.88	82.17	5.98	188.67	12.79	224.5#	18.46	PHASE
37#	58.2#	27.7#	612	18.83	12.89	7.34	5.13	5.5#	1.52	2.81	.59	AMP
				141.88	341.96	77.27	359.64	188.42	6.25	211.89	344.12	PHASE
371	51.71	26.79	611	18.74	11.97	6.88	4.93	5.5#	1.22	2.83	.52	AMP
				138.27	341.81	76.84	359.1#	182.24	3.69	212.94	322.8#	PHASE
372	52.85	27.23	613	11.88	12.12	6.42	5.81	5.59	1.25	2.87	.41	AMP
				134.87	339.47	72.88	355.14	181.36	356.32	212.83	318.13	PHASE
373	54.88	26.87	612	18.95	12.19	6.86	4.97	5.68	1.81	2.89	.43	AMP
				128.55	333.38	65.39	342.72	91.83	335.71	195.42	278.24	PHASE

CHORDWISE 25 PERCENT RADIUS

RUN NO 38

PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
355	62.26	44.8#	612	9.4#	9.73	4.53	2.86	12.74	13.82	6.63	1.7#	AMP
				277.77	143.2#	295.93	193.78	284.58	232.3#	133.89	36.82	PHASE
356	6#49	47.61	611	11.22	12.93	7.63	4.82	11.95	18.89	6.97	1.87	AMP
				293.88	159.98	318.75	176.61	311.97	239.66	154.21	68.18	PHASE
357	57.41	67.86	611	24.83	23.59	16.84	5.98	9.61	13.51	6.92	.94	AMP
				389.23	164.78	294.25	152.71	285.2#	181.89	133.14	336.75	PHASE
358	55.32	82.17	612	39.19	31.83	21.15	5.38	8.19	16.53	6.24	1.23	AMP
				332.8#	177.52	294.78	148.54	386.2#	194.16	158.18	331.47	PHASE
359	53.68	99.5#	612	83.32	34.68	26.96	5.76	7.35	13.97	3.49	1.81	AMP
				348.87	183.11	285.95	112.85	381.84	288.87	156.88	321.87	PHASE
36#	59.45	43.83	612	8.85	14.35	9.42	5.52	7.74	9.47	4.66	.93	AMP
				294.3#	153.96	295.66	385.86	312.86	237.93	152.15	72.47	PHASE
361	59.38	53.6#	612	13.54	28.56	14.35	1.17	7.47	11.77	4.89	.94	AMP
				386.13	163.29	297.1#	183.33	388.41	228.4#	143.74	53.85	PHASE
362	59.66	69.43	613	2#95	26.99	18.68	2.11	8.13	12.53	6.53	.79	AMP
				328.87	178.36	289.86	152.33	288.89	197.12	125.7#	318.85	PHASE
363	59.39	83.67	612	31.7#	35.54	24.59	3.28	9.49	15.8#	7.25	1.78	AMP
				329.72	172.87	275.44	123.92	262.73	174.98	118.7#	269.86	PHASE
364	58.8#	91.9#	612	41.33	36.37	28.14	4.84	9.87	14.32	6.79	2.59	AMP
				345.87	189.86	291.72	134.93	381.29	211.49	154.91	317.21	PHASE
365	58.78	1#8.45	613	49.29	39.84	31.87	5.17	9.54	14.51	6.66	3.83	AMP
				345.53	183.65	278.86	114.46	277.92	189.18	132.8#	277.1#	PHASE
366	58.38	1#8.1#	612	57.65	48.8#	35.14	6.62	9.54	11.72	6.12	3.81	AMP
				348.35	184.88	274.64	99.73	271.89	184.86	126.15	266.37	PHASE
367	58.24	43.92	612	5.52	16.73	12.46	1.15	7.65	13.37	2.78	.7#	AMP
				278.21	171.84	292.46	3#8.25	31#9#	258.81	168.41	59.26	PHASE
368	59.36	57.79	612	9.1#	22.86	16.93	1.66	7.9#	15.97	3.94	1.8#	AMP
				296.36	171.57	288.55	275.62	275.39	224.64	139.69	51.72	PHASE
369	61.8#	7#81	612	17.74	29.89	21.16	1.11	8.59	17.39	4.93	.25	AMP
				332.55	186.88	291.8#	311.43	276.25	241.13	153.36	348.86	PHASE
37#	62.37	83.87	612	28.59	35.46	26.98	.54	1#71	18.1#	5.61	.51	AMP
				338.73	191.64	281.86	331.31	265.55	232.97	145.39	291.43	PHASE
371	62.94	91.38	611	37.51	37.96	29.73	1.81	11.49	17.48	5.43	.98	AMP
				346.28	195.85	281.82	61.62	264.74	236.72	148.95	285.75	PHASE
372	63.85	187.98	613	48.88	42.86	33.7#	1.56	11.67	16.78	6.27	1.74	AMP
				349.21	196.77	281.61	1#4.61	263.58	231.39	139.93	268.72	PHASE
373	63.41	12#32	612	68.38	44.18	37.11	3.31	11.97	14.44	11.26	2.38	AMP
				353.27	194.43	274.13	1#7.18	248.95	215.77	127.32	268.23	PHASE

TABLE V.- Continued

(b) Continued

TORSION 28 PERCENT RADIUS												
RUN NO		38										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
355	-2.46	18.75	612	7.88	3.29	2.17	1.62	.47	.91	.34	.36	AMP
				157.16	381.89	128.13	3.94	74.13	318.43	214.51	158.89	PHASE
356	-3.12	11.67	611	7.38	3.57	2.18	1.78	.42	.81	.38	.36	AMP
				155.22	312.15	137.92	14.91	137.22	334.93	232.16	166.22	PHASE
357	-4.29	11.56	611	7.25	3.58	2.16	1.86	.47	.59	.58	.21	AMP
				148.84	383.54	146.86	6.78	188.86	299.47	199.34	156.35	PHASE
358	-5.74	12.81	612	7.33	2.82	2.18	2.39	.73	.27	.74	.22	AMP
				127.48	381.16	177.62	8.52	181.22	293.61	286.91	155.47	PHASE
359	-7.25	13.16	612	7.63	1.93	1.94	2.65	1.85	.32	.68	.39	AMP
				111.28	291.87	289.93	4.23	98.42	176.68	288.84	133.48	PHASE
368	-3.45	18.21	612	7.72	2.49	2.87	1.94	.35	.33	.87	.15	AMP
				163.95	323.96	129.28	359.38	133.89	331.89	187.85	152.81	PHASE
361	-3.99	11.86	612	7.88	3.88	1.67	1.96	.44	.36	.17	.14	AMP
				158.23	329.88	139.97	356.99	142.84	317.85	198.68	186.94	PHASE
362	-4.72	11.49	613	7.89	3.37	1.36	2.88	.68	.16	.26	.13	AMP
				149.87	323.49	148.82	349.84	115.57	319.78	179.35	43.17	PHASE
363	-5.65	12.57	612	7.87	3.51	1.43	2.16	.99	.15	.41	.16	AMP
				135.94	318.77	174.14	345.98	99.75	298.21	153.86	37.84	PHASE
364	-6.27	13.14	612	7.88	3.25	1.61	2.47	1.26	.12	.37	.16	AMP
				134.74	321.91	218.89	14.28	133.31	317.72	281.48	84.86	PHASE
365	-6.98	14.88	613	7.94	2.97	1.93	2.88	1.68	.11	.48	.14	AMP
				121.97	388.84	215.32	3.32	114.54	262.88	174.14	38.25	PHASE
366	-7.82	13.75	612	8.16	2.25	2.51	3.85	1.64	.14	.33	.18	AMP
				118.58	381.52	238.49	359.23	188.59	235.78	183.59	31.58	PHASE
367	-4.26	9.81	612	8.83	2.78	1.89	1.55	.38	.35	.18	.12	AMP
				164.63	345.56	159.84	355.46	128.67	334.32	248.58	162.57	PHASE
368	-4.74	18.85	612	7.95	3.28	1.85	1.88	.46	.24	.37	.18	AMP
				156.43	337.46	181.18	348.76	98.68	325.68	211.96	128.74	PHASE
369	-5.26	11.83	612	7.89	3.59	1.21	1.93	.59	.86	.48	.22	AMP
				153.51	348.78	287.48	1.64	184.92	332.38	236.85	135.82	PHASE
378	-5.84	12.64	612	7.88	4.87	1.79	1.83	.76	.16	.48	.26	AMP
				146.39	332.22	215.78	1.67	112.15	287.44	212.85	125.17	PHASE
371	-6.18	13.12	611	7.82	4.11	1.99	1.93	.96	.38	.46	.27	AMP
				141.94	331.89	224.85	18.48	121.68	289.92	221.25	131.44	PHASE
372	-6.68	14.88	613	7.94	4.26	2.37	2.24	1.21	.35	.48	.26	AMP
				136.39	327.87	227.88	18.96	126.34	213.98	214.44	125.56	PHASE
373	-7.17	14.39	612	7.96	3.98	2.98	2.66	1.56	.52	.42	.29	AMP
				125.24	328.37	228.74	4.24	115.86	194.54	282.85	185.88	PHASE

TABLE V.- Continued

(b) Continued

FLAPWISE 37 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
355	24.48	48.38	612	18.68	19.72	13.35	5.13	2.64	.86	.48	.25 AMP
356	26.81	41.38	611	138.62	338.88	78.98	355.86	182.87	327.48	232.18	222.39 PHASE
357	28.31	41.51	611	28.58	28.58	88.16	4.78	2.73	.76	.51	.21 AMP
358	38.18	48.95	612	141.23	339.58	88.16	7.51	122.49	342.26	272.94	235.83 PHASE
359	32.29	38.97	612	28.58	28.58	13.11	4.46	2.87	.58	.48	.19 AMP
368	25.73	36.98	612	139.44	333.14	69.84	1.44	83.71	329.43	268.85	243.56 PHASE
369	32.29	38.97	612	21.45	19.26	12.97	4.88	1.59	.46	.38	.38 AMP
368	25.73	36.98	612	148.46	336.58	72.19	18.31	88.88	338.26	277.82	291.87 PHASE
361	28.18	36.37	612	21.52	18.39	12.23	3.35	.87	.39	.42	.35 AMP
362	38.26	36.31	613	137.91	335.62	78.25	6.85	76.32	283.17	269.11	295.78 PHASE
363	32.47	36.38	612	17.88	18.18	12.21	4.56	2.48	.55	.52	.33 AMP
364	33.64	36.59	612	143.93	342.25	88.73	11.87	137.67	5.29	257.81	188.51 PHASE
365	34.65	36.93	613	18.47	18.29	11.95	4.88	2.46	.29	.52	.27 AMP
366	35.76	36.53	612	143.49	343.82	88.68	9.23	124.94	13.29	259.47	282.85 PHASE
367	28.89	31.88	612	18.58	18.45	11.72	3.93	2.78	.21	.41	.37 AMP
368	38.31	31.99	612	139.99	339.82	71.65	359.15	187.53	28.12	248.65	199.86 PHASE
369	32.64	32.44	612	19.49	18.33	11.84	3.82	3.36	.89	.35	.35 AMP
378	35.83	32.96	612	135.11	331.11	68.88	345.61	98.24	42.55	223.77	163.96 PHASE
371	36.38	32.47	611	19.76	18.12	11.87	3.51	3.38	.22	.38	.34 AMP
372	37.51	33.15	613	148.14	343.15	78.66	9.65	124.94	214.28	255.78	198.93 PHASE
373	38.63	33.42	612	18.15	18.15	11.85	3.28	3.48	.29	.31	.25 AMP
366	35.76	36.53	612	134.76	333.61	65.37	358.81	185.51	198.41	238.26	154.58 PHASE
367	28.89	31.88	612	28.11	17.78	11.46	2.89	3.47	.41	.38	.27 AMP
368	38.31	31.99	612	132.46	332.88	64.86	347.69	182.85	183.35	217.19	133.55 PHASE
369	32.64	32.44	612	15.79	16.83	18.84	3.89	2.58	.39	.42	.29 AMP
378	35.83	32.96	612	144.87	347.96	81.83	3.78	185.77	332.93	272.88	176.73 PHASE
371	36.38	32.47	611	16.34	16.35	18.84	3.71	2.97	.26	.42	.23 AMP
372	37.51	33.15	613	141.44	344.18	73.22	349.57	91.63	318.88	259.21	163.33 PHASE
373	38.63	33.42	612	16.83	16.68	18.81	3.59	3.11	.21	.39	.16 AMP
366	35.76	36.53	612	143.61	349.85	88.17	356.24	184.83	311.26	278.11	166.63 PHASE
367	28.89	31.88	612	17.22	16.88	18.88	3.59	3.22	.22	.31	.18 AMP
368	38.31	31.99	612	148.67	346.29	75.57	358.68	94.51	265.22	262.86	144.96 PHASE
369	32.64	32.44	612	17.43	16.81	18.68	3.35	3.13	.35	.27	.24 AMP
378	35.83	32.96	612	148.12	346.14	75.88	349.76	96.28	258.44	258.81	121.18 PHASE
371	36.38	32.47	611	17.98	17.28	18.69	3.48	3.21	.38	.19	.24 AMP
372	37.51	33.15	613	139.88	344.55	72.98	346.86	94.98	246.74	244.89	117.91 PHASE
373	38.63	33.42	612	18.32	17.28	18.53	3.41	3.26	.45	.13	.31 AMP
				135.78	338.47	66.16	334.46	84.37	238.23	229.81	187.98 PHASE

CHORDWISE 37 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
355	44.16	55.29	612	12.95	9.88	4.14	2.29	16.67	17.48	8.95	1.54 AMP
356	42.82	58.15	611	284.87	135.68	347.78	211.87	282.64	228.54	132.95	38.34 PHASE
357	38.98	69.62	611	14.22	12.72	7.88	4.52	15.82	13.86	9.68	1.94 AMP
358	36.29	82.68	612	296.79	157.57	348.46	179.14	389.86	237.11	155.14	62.84 PHASE
359	33.45	91.36	612	23.94	21.88	14.59	6.75	13.56	16.66	18.88	1.83 AMP
368	48.96	49.87	612	389.57	164.34	321.56	148.21	287.96	175.19	136.41	323.44 PHASE
369	32.64	32.44	612	34.21	28.71	19.32	7.81	12.44	22.82	8.84	1.48 AMP
378	35.83	32.96	612	329.62	177.12	322.28	139.89	311.68	187.83	163.93	7.85 PHASE
371	36.38	32.47	611	45.84	32.61	23.64	7.81	11.36	19.87	4.31	2.28 AMP
372	37.51	33.15	613	338.38	181.76	311.48	112.53	388.87	196.85	169.96	358.16 PHASE
373	38.63	33.42	612	293.41	147.24	325.71	312.55	387.57	236.15	162.77	116.19 PHASE
366	35.76	36.53	612	11.45	12.18	6.27	1.21	18.85	13.11	6.19	1.88 AMP
367	28.89	31.88	612	14.76	16.98	18.56	.63	9.53	15.84	6.57	.96 AMP
368	38.31	31.99	612	382.48	168.71	328.93	178.74	298.43	218.21	156.39	74.94 PHASE
369	32.64	32.44	612	19.63	22.62	15.88	2.55	18.29	16.86	9.42	.76 AMP
378	35.83	32.96	612	315.88	169.92	314.89	139.45	282.11	192.85	136.13	322.42 PHASE
371	36.38	32.47	611	27.12	28.52	19.85	4.38	11.33	21.88	11.13	1.55 AMP
372	37.51	33.15	613	324.98	172.59	388.82	117.75	262.95	169.48	118.39	291.14 PHASE
373	38.63	33.42	612	34.84	31.36	22.81	5.31	18.78	28.84	18.58	2.32 AMP
366	35.76	36.53	612	339.82	188.94	315.67	132.56	299.94	286.42	161.35	342.48 PHASE
367	28.89	31.88	612	48.83	34.28	26.41	6.83	11.18	21.57	18.14	2.41 AMP
368	38.31	31.99	612	348.81	182.45	381.88	113.28	275.87	185.52	139.73	382.99 PHASE
369	32.64	32.44	612	46.51	36.82	29.49	8.69	11.81	17.75	9.13	2.66 AMP
378	35.83	32.96	612	344.22	183.85	296.42	99.46	267.33	181.86	132.93	284.14 PHASE
371	36.38	32.47	611	7.19	13.88	7.58	2.51	8.78	19.83	2.68	1.88 AMP
372	37.51	33.15	613	286.61	168.21	317.17	319.69	318.32	249.13	199.81	187.84 PHASE
373	38.63	33.42	612	9.82	17.74	11.43	2.68	8.28	24.92	4.23	1.56 AMP
366	35.76	36.53	612	294.91	178.41	388.14	381.54	274.65	223.51	163.32	83.92 PHASE
367	28.89	31.88	612	15.59	22.59	14.72	2.19	8.39	25.71	6.42	1.81 AMP
368	38.31	31.99	612	323.16	186.83	311.54	328.35	275.87	239.58	168.82	83.18 PHASE
369	32.64	32.44	612	23.81	27.73	18.86	1.71	18.46	26.98	8.45	1.11 AMP
378	35.83	32.96	612	331.82	191.86	381.34	349.84	263.48	231.88	155.18	62.69 PHASE
371	36.38	32.47	611	29.22	38.18	21.53	1.91	11.67	26.29	8.54	1.93 AMP
372	37.51	33.15	613	339.45	194.37	388.53	379.88	268.87	238.34	147.72	43.96 PHASE
373	38.63	33.42	612	37.31	33.91	25.28	1.94	11.82	25.67	9.96	.73 AMP
				343.86	196.11	381.39	78.98	268.83	229.39	144.44	349.46 PHASE
				45.49	36.41	28.67	3.76	12.21	22.95	9.92	.92 AMP
				348.12	193.35	293.54	92.95	244.38	214.99	138.89	287.87 PHASE

TABLE V.- Continued

(b) Continued

TORSION 36 PERCENT RADIUS												
RUN NO	38											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
355	-3.41	8.83	612	6.89 151.41	2.19 281.69	1.76 122.84	1.83 348.89	.38 3.85	.63 267.87	.83 114.71	.19 88.85	AMP PHASE
356	-4.83	8.61	611	6.17 149.65	2.41 296.55	1.78 133.35	1.19 347.48	.28 68.51	.56 278.49	.82 147.28	.28 185.84	AMP PHASE
357	-5.88	8.81	611	6.88 135.37	2.55 291.29	2.12 139.58	1.32 336.82	.31 52.38	.46 238.78	.15 119.62	.11 119.78	AMP PHASE
358	-6.21	9.65	612	6.85 124.26	2.84 294.38	2.39 162.75	1.84 336.83	.58 58.89	.29 231.95	.36 128.43	.18 162.35	AMP PHASE
359	-7.45	18.28	612	6.21 188.74	1.35 291.43	2.35 184.65	2.18 331.89	.93 52.43	.27 158.51	.31 134.22	.18 99.66	AMP PHASE
368	-4.38	7.56	612	6.54 157.85	1.46 387.67	1.55 128.44	1.38 329.83	.11 18.83	.26 262.86	.12 58.42	.89 83.56	AMP PHASE
361	-4.93	8.13	612	6.55 158.74	1.91 316.38	1.33 134.82	1.36 326.98	.89 65.42	.29 248.75	.11 73.22	.18 38.81	AMP PHASE
362	-5.64	8.88	613	6.58 141.38	2.38 312.41	1.31 143.46	1.45 318.49	.26 39.83	.14 281.24	.89 72.16	.89 347.97	AMP PHASE
363	-6.47	9.68	612	6.55 128.24	2.49 381.38	1.65 158.32	1.61 314.15	.56 42.68	.18 165.36	.17 56.58	.17 351.94	AMP PHASE
364	-7.84	18.21	612	6.58 126.87	2.29 313.49	1.89 188.63	1.91 342.27	.81 82.36	.19 197.17	.12 86.54	.11 45.33	AMP PHASE
365	-7.67	18.71	613	6.64 113.98	2.85 388.74	2.28 187.75	2.29 328.48	.13 67.85	.21 159.77	.82 67.49	.88 359.85	AMP PHASE
366	-8.38	18.69	612	6.88 183.49	1.54 296.88	2.55 199.66	2.39 327.71	.19 61.41	.23 151.38	.82 351.94	.88 357.58	AMP PHASE
367	-5.19	7.76	612	6.84 156.86	1.84 339.89	.84 164.75	1.83 324.69	.12 48.39	.24 271.18	.85 268.78	.88 91.13	AMP PHASE
368	-5.68	8.68	612	6.74 148.86	2.28 329.68	1.15 175.88	1.25 318.93	.22 3.69	.13 249.37	.16 164.34	.13 55.63	AMP PHASE
369	-6.24	9.36	612	6.78 144.58	2.64 331.35	1.36 193.12	1.36 331.54	.31 29.94	.87 157.43	.17 197.18	.15 68.71	AMP PHASE
378	-6.81	18.86	612	6.67 136.92	3.87 322.17	1.88 195.18	1.25 332.21	.38 53.38	.88 138.84	.19 166.46	.18 57.58	AMP PHASE
371	-7.89	18.43	611	6.62 132.83	3.14 321.27	2.86 288.19	1.34 342.74	.55 71.49	.28 146.31	.16 191.55	.28 64.78	AMP PHASE
372	-7.54	11.82	613	6.74 126.38	3.27 317.98	2.41 288.63	1.61 342.76	.76 79.23	.33 152.89	.16 188.71	.21 68.45	AMP PHASE
373	-8.82	11.66	612	6.85 115.57	3.88 318.23	2.82 281.71	2.82 336.77	1.89 78.78	.48 143.22	.13 284.21	.24 46.74	AMP PHASE

TABLE V.- Continued

(b) Continued

FLAPWISE 51 PERCENT RADIUS											
RUN NO 38											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
355	7.58	58.28	612	24.91	26.24	13.95	2.71	1.57	1.48	2.63	.84 AMP
356	9.46	51.68	611	26.71	26.72	13.68	2.54	1.64	1.54	2.83	.66 AMP
357	12.88	51.28	611	139.79	337.63	71.19	357.45	289.59	136.42	68.42	295.71 PHASE
358	14.22	51.87	612	28.82	26.81	14.15	2.27	1.25	1.51	2.29	.61 AMP
359	16.78	58.12	612	137.32	338.74	59.84	345.61	288.79	144.74	51.88	331.39 PHASE
360	9.73	47.98	612	29.22	24.74	14.51	1.81	1.84	1.64	2.29	1.88 AMP
361	12.87	47.28	612	138.32	333.86	63.83	352.48	294.55	112.81	54.38	345.34 PHASE
362	14.33	48.32	613	29.83	23.59	13.96	1.45	1.94	1.54	2.45	1.46 AMP
363	16.88	48.38	612	136.38	331.53	58.41	358.84	294.36	181.46	48.51	352.92 PHASE
364	18.88	48.18	612	24.47	24.55	13.86	2.42	1.46	.75	1.73	.75 AMP
365	19.12	48.43	613	148.71	339.92	72.42	353.28	298.32	158.71	46.95	247.72 PHASE
366	28.42	48.29	612	25.48	24.45	12.74	2.26	1.46	.69	1.68	.61 AMP
367	12.91	41.41	612	139.83	348.86	72.17	351.45	292.88	152.52	42.66	251.48 PHASE
368	15.21	41.68	612	26.48	24.48	12.73	2.23	1.58	.76	1.63	.56 AMP
369	17.55	42.68	612	136.71	335.72	63.89	338.68	287.71	128.54	23.55	241.52 PHASE
370	28.88	42.54	612	27.38	24.25	13.35	2.21	1.73	.88	1.64	.37 AMP
371	21.55	43.89	611	132.48	327.53	52.24	316.48	275.76	111.19	355.57	284.71 PHASE
372	22.82	44.16	613	27.86	23.97	13.51	2.84	1.71	.89	1.71	.26 AMP
373	23.98	44.88	612	137.99	338.87	69.56	338.33	389.39	158.59	34.79	268.48 PHASE
				28.43	23.92	13.78	1.92	1.73	.97	1.78	.16 AMP
				132.98	328.93	56.84	317.82	291.88	123.96	1.34	247.86 PHASE
				28.78	23.29	13.51	1.67	1.83	.95	1.81	.31 AMP
				131.22	326.78	54.66	388.79	289.81	111.37	1.44	257.78 PHASE
				22.22	21.34	11.85	1.45	1.51	1.76	.64	.64 AMP
				148.53	343.94	73.82	341.98	288.72	188.86	29.55	284.65 PHASE
				22.98	21.64	12.22	1.69	1.54	1.89	1.74	.53 AMP
				137.43	339.86	65.99	325.27	277.81	164.87	12.82	178.83 PHASE
				23.77	21.89	12.52	1.57	1.68	.97	1.83	.49 AMP
				139.88	345.24	72.15	329.67	293.48	178.63	27.92	194.54 PHASE
				24.23	21.97	13.18	1.83	1.57	.85	1.77	.54 AMP
				137.58	341.47	67.13	322.88	289.74	171.18	14.88	159.42 PHASE
				24.51	21.81	13.89	1.45	1.56	1.74	1.73	.58 AMP
				137.43	348.93	66.67	317.88	298.87	171.34	16.88	141.38 PHASE
				25.25	22.29	13.51	1.43	1.61	.76	1.78	.37 AMP
				136.85	339.21	65.83	311.15	298.86	169.83	16.26	124.15 PHASE
				26.81	22.36	13.67	1.32	1.75	.61	2.84	.44 AMP
				134.82	332.82	57.78	299.71	288.78	148.82	3.78	88.33 PHASE

CHORDWISE 51 PERCENT RADIUS											
RUN NO 38											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
355	49.34	68.83	612	13.27	7.75	5.69	3.26	28.86	28.15	18.48	1.15 AMP
356	47.69	62.28	611	284.79	131.88	38.85	232.79	281.99	238.44	134.15	66.94 PHASE
357	45.36	78.27	611	14.41	18.22	8.43	4.25	18.61	14.87	11.54	1.74 AMP
358	43.41	76.69	612	296.84	157.56	18.75	195.38	387.45	239.76	157.41	81.28 PHASE
359	48.98	85.58	612	21.96	17.65	13.28	5.74	15.76	18.84	14.24	.89 AMP
360	47.55	58.82	612	386.89	166.98	345.73	152.38	285.16	175.37	141.86	334.51 PHASE
361	47.12	57.88	612	38.88	23.66	17.65	6.16	13.98	24.51	11.37	2.32 AMP
362	46.45	65.69	613	325.56	179.57	342.65	135.67	387.41	187.89	171.77	39.89 PHASE
363	45.61	74.62	612	39.32	27.83	21.55	8.85	12.83	28.91	5.68	3.37 AMP
364	44.73	75.76	612	334.76	182.88	328.28	181.69	382.66	198.22	182.59	25.86 PHASE
365	43.86	84.65	613	11.51	9.74	5.89	2.13	12.41	15.58	7.27	1.75 AMP
366	42.84	94.34	612	295.36	145.66	7.24	383.18	387.63	238.23	171.72	148.11 PHASE
367	46.82	52.66	612	14.38	13.45	9.82	.71	11.52	18.43	7.98	1.28 AMP
368	46.41	57.57	612	381.11	162.55	358.85	276.71	298.28	228.75	165.77	113.77 PHASE
369	46.97	65.85	612	18.21	18.23	13.48	1.56	12.28	19.37	11.73	.25 AMP
370	47.11	75.27	612	311.78	172.96	338.91	137.98	288.75	194.86	143.68	345.38 PHASE
371	46.88	76.24	611	24.82	23.37	17.68	3.45	13.24	24.21	14.18	1.18 AMP
372	46.87	86.58	613	319.88	175.68	321.84	111.83	259.82	171.17	125.58	321.81 PHASE
373	46.84	94.84	612	29.53	25.95	28.29	4.72	12.48	24.15	13.15	2.82 AMP
				334.21	191.38	335.72	123.17	293.66	288.44	168.28	13.11 PHASE
				34.88	28.89	23.93	6.64	12.98	25.89	12.68	2.11 AMP
				335.84	184.38	319.12	183.19	267.35	188.16	147.53	339.61 PHASE
				48.34	31.37	27.27	9.48	12.99	28.39	11.36	2.87 AMP
				348.17	184.11	312.79	98.49	258.17	188.88	148.58	318.58 PHASE
				7.43	18.14	13.78	3.78	18.88	24.87	3.19	2.48 AMP
				292.89	178.24	357.11	321.88	389.42	251.18	226.82	126.32 PHASE
				9.68	14.58	9.58	3.88	9.76	38.15	4.68	2.69 AMP
				296.58	173.98	338.82	388.23	274.34	225.95	182.15	98.43 PHASE
				14.34	18.59	12.27	3.34	9.74	31.16	7.27	1.99 AMP
				318.97	189.32	337.83	331.88	274.65	242.18	178.17	188.84 PHASE
				28.22	22.89	15.53	3.82	11.82	32.68	9.31	2.35 AMP
				348.82	194.82	325.21	346.98	261.91	233.78	162.66	92.48 PHASE
				25.81	24.96	18.13	2.92	13.17	31.94	18.87	2.81 AMP
				333.62	197.89	322.63	17.53	258.72	238.38	152.91	86.72 PHASE
				31.28	28.82	21.81	2.48	13.35	31.33	11.88	1.18 AMP
				338.68	198.71	321.62	43.66	257.27	232.67	148.59	78.65 PHASE
				37.77	38.46	25.35	3.89	14.83	28.28	11.85	.45 AMP
				342.84	195.37	311.78	71.59	239.15	219.44	134.67	48.53 PHASE

TABLE V.- Continued

(b) Continued

TORSION 50 PERCENT RADIUS											
RUN NO		38									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
355	-6.35	6.57	612	5.26	1.69	1.17	.62	.39	.42	.25	.06 AMP
				153.01	299.07	132.41	14.89	12.23	277.60	52.30	94.72 PHASE
356	-6.78	7.09	611	5.39	1.95	1.19	.71	.23	.39	.27	.10 AMP
				152.25	313.72	143.92	19.76	46.34	284.81	56.84	119.72 PHASE
357	-7.36	7.18	611	5.47	2.24	1.39	.78	.30	.39	.24	.06 AMP
				142.46	309.97	145.96	8.78	35.31	240.22	50.26	169.04 PHASE
358	-8.04	7.78	612	5.47	2.17	1.60	1.13	.52	.32	.36	.18 AMP
				138.20	318.24	166.04	.00	62.18	237.99	99.66	247.03 PHASE
359	-8.72	8.33	612	5.41	2.00	1.63	1.30	.03	.29	.32	.14 AMP
				129.81	323.26	182.68	352.50	68.31	186.71	107.32	257.95 PHASE
360	-7.28	6.32	612	5.53	1.21	1.10	.76	.25	.22	.26	.11 AMP
				158.40	325.31	129.34	359.34	12.68	276.93	79.10	111.00 PHASE
361	-7.65	6.65	612	5.58	1.57	.90	.80	.22	.26	.24	.09 AMP
				152.68	331.64	142.59	355.07	6.60	260.78	79.00	77.91 PHASE
362	-8.06	7.00	613	5.64	1.97	.92	.87	.40	.20	.24	.05 AMP
				145.06	327.25	146.79	344.23	19.10	207.91	46.39	22.33 PHASE
363	-8.51	7.00	612	5.65	2.31	1.18	.98	.59	.28	.31	.06 AMP
				135.55	317.00	156.04	337.61	25.02	181.14	29.51	57.96 PHASE
364	-8.02	8.18	612	5.65	2.36	1.33	1.17	.76	.30	.32	.09 AMP
				137.30	330.94	182.49	4.26	70.31	214.72	61.67	125.39 PHASE
365	-9.16	8.67	613	5.69	2.38	1.51	1.46	.99	.36	.32	.06 AMP
				120.18	321.67	178.38	348.06	60.00	181.60	28.30	86.57 PHASE
366	-9.54	8.77	612	5.70	2.24	1.64	1.57	1.11	.42	.37	.10 AMP
				121.73	322.01	187.95	343.01	56.10	178.20	7.14	99.00 PHASE
367	-8.02	6.43	612	5.74	1.58	.49	.60	.19	.14	.15	.06 AMP
				150.15	355.33	171.00	350.20	11.11	200.60	45.60	61.62 PHASE
368	-8.32	7.02	612	5.69	1.09	.60	.74	.34	.05	.07	.07 AMP
				149.63	344.30	104.77	346.06	359.92	224.60	82.00	45.01 PHASE
369	-8.68	7.50	612	5.69	2.18	.02	.00	.45	.14	.04	.10 AMP
				146.63	344.30	201.61	359.00	25.52	152.66	37.69	65.50 PHASE
370	-9.04	8.02	612	5.68	2.51	1.19	.73	.47	.23	.06	.14 AMP
				139.46	334.78	202.72	4.05	35.93	152.27	87.43	59.11 PHASE
371	-9.22	8.33	611	5.68	2.62	1.29	.82	.51	.29	.05	.19 AMP
				135.71	333.44	205.40	15.00	52.36	159.00	4.64	68.05 PHASE
372	-9.51	8.75	613	5.00	2.02	1.51	.98	.62	.34	.10	.21 AMP
				131.79	330.51	203.86	12.29	64.02	164.64	351.07	65.79 PHASE
373	-9.79	9.18	612	5.90	2.05	1.66	1.20	.82	.46	.18	.24 AMP
				124.50	323.66	201.05	3.12	63.03	153.09	310.25	46.35 PHASE

TABLE V.- Continued

(b) Continued

FLAPWISE 77 PERCENT RADIUS												
RUN NO 38												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
355	-11.06	46.13	612	25.02	21.38	8.25	7.41	3.78	.41	3.05	1.44	AMP
				137.95	327.94	28.86	186.11	253.35	345.96	208.23	105.23	PHASE
356	-9.10	47.05	611	26.46	22.14	8.04	6.94	3.93	.62	3.36	1.30	AMP
				141.76	337.14	37.40	201.55	277.52	9.92	235.96	145.61	PHASE
357	-6.05	46.53	611	27.34	21.26	8.26	6.25	3.68	.10	2.45	1.51	AMP
				139.81	329.19	35.61	193.75	240.62	307.63	225.27	154.23	PHASE
358	-3.42	47.26	612	28.44	20.43	8.27	5.74	3.51	.14	2.34	2.07	AMP
				141.90	332.13	43.25	203.25	245.07	277.11	229.34	169.70	PHASE
359	-3.37	45.90	612	29.12	19.39	7.74	4.81	2.60	.22	2.44	2.77	AMP
				140.45	329.74	44.67	201.18	249.52	349.79	221.99	172.37	PHASE
360	-9.60	46.41	612	25.31	21.54	7.47	6.51	3.48	.52	2.27	.94	AMP
				141.52	339.73	34.69	198.34	301.34	313.93	222.62	101.51	PHASE
361	-6.98	46.57	612	25.73	21.22	7.25	5.91	3.79	.37	2.07	.84	AMP
				141.86	340.76	37.63	197.65	291.06	348.00	217.13	111.73	PHASE
362	-4.64	45.23	613	26.59	21.15	7.22	5.44	4.57	.42	2.00	.08	AMP
				139.90	336.16	31.75	191.97	274.66	322.82	198.02	99.70	PHASE
363	-1.91	46.43	612	27.57	21.04	7.67	5.21	5.75	.40	1.95	.69	AMP
				136.59	329.44	25.44	182.67	256.26	314.90	160.47	86.76	PHASE
364	-3.37	47.18	612	28.13	20.01	7.72	4.77	5.78	.73	1.90	.82	AMP
				142.50	339.50	46.64	209.00	290.34	9.15	204.11	151.40	PHASE
365	.87	48.13	613	28.95	20.75	7.84	4.30	6.04	1.00	1.91	.00	AMP
				137.97	329.70	34.85	192.69	272.73	349.14	167.54	124.62	PHASE
366	2.37	48.10	612	29.42	20.26	7.56	3.87	6.24	.93	1.93	1.01	AMP
				136.68	327.04	35.27	192.99	269.30	349.11	167.15	112.63	PHASE
367	-6.89	41.77	612	23.10	19.30	6.29	5.34	4.23	.55	1.69	.50	AMP
				140.46	342.22	41.21	187.72	271.39	28.16	207.93	21.71	PHASE
368	-4.66	42.00	612	23.67	19.45	6.74	5.03	4.91	.60	1.73	.45	AMP
				138.62	330.36	36.05	175.97	257.60	12.90	190.17	354.20	PHASE
369	-2.25	43.56	612	24.42	19.57	7.27	4.76	5.21	.56	1.87	.39	AMP
				142.16	343.83	44.12	186.15	270.21	26.61	205.46	358.49	PHASE
370	.49	44.43	612	24.96	19.61	7.96	4.29	5.51	.71	1.79	.54	AMP
				140.60	340.04	42.00	178.56	261.45	22.77	192.51	316.14	PHASE
371	2.11	45.05	611	25.27	19.48	8.04	3.82	5.54	.73	1.87	.50	AMP
				140.00	339.02	43.20	181.73	263.54	30.45	195.99	291.22	PHASE
372	3.41	46.62	613	26.15	19.97	8.46	3.74	5.57	.84	1.94	.53	AMP
				140.60	337.14	43.20	179.11	262.65	28.73	196.14	271.20	PHASE
373	4.79	47.50	612	27.09	20.18	8.70	3.56	5.54	.02	2.25	.65	AMP
				138.09	331.01	38.24	169.24	254.54	23.02	103.15	230.20	PHASE

CHORDWISE 77 PERCENT RADIUS												
RUN NO 38												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
355	55.02	37.49	612	13.75	13.53	8.69	6.19	10.52	7.46	4.54	1.55	AMP
				145.86	328.42	36.89	199.35	267.89	222.65	150.86	119.72	PHASE
356	55.03	39.55	611	14.18	13.29	9.40	6.21	10.02	5.26	5.05	1.45	AMP
				140.77	334.81	39.54	204.16	291.50	234.11	173.00	142.64	PHASE
357	57.55	41.93	611	12.57	11.29	10.45	5.69	8.38	6.55	6.19	1.32	AMP
				148.25	319.38	24.36	182.18	263.79	166.71	147.36	151.16	PHASE
358	59.27	39.09	612	10.74	10.00	11.44	4.75	6.92	9.23	5.64	1.91	AMP
				145.95	313.44	23.66	177.03	277.00	179.47	177.70	128.00	PHASE
359	61.37	38.86	612	8.00	9.16	11.24	3.63	6.00	7.54	3.63	2.10	AMP
				136.67	303.30	13.59	146.79	277.62	190.12	191.10	121.26	PHASE
360	56.41	34.07	612	14.02	12.96	7.97	4.54	7.66	6.17	3.93	1.52	AMP
				146.54	340.69	37.66	215.34	298.97	233.79	187.64	137.00	PHASE
361	57.34	35.00	612	13.46	11.65	8.42	4.04	7.45	6.90	4.00	1.33	AMP
				147.79	337.71	32.29	207.41	289.31	216.30	178.63	131.02	PHASE
362	58.58	38.51	613	12.65	10.71	9.46	3.76	8.19	7.15	5.68	.93	AMP
				145.21	325.77	18.87	189.98	271.42	189.60	150.03	116.00	PHASE
363	60.34	41.20	612	11.44	10.15	10.69	3.57	9.33	8.00	6.81	.82	AMP
				139.76	309.11	4.00	166.49	249.96	166.02	127.61	67.25	PHASE
364	61.99	39.60	612	10.30	10.00	11.22	3.19	8.97	8.75	6.45	.95	AMP
				142.04	315.29	19.52	179.39	203.23	203.59	169.22	100.77	PHASE
365	63.14	40.20	613	9.56	10.04	11.92	3.15	9.19	9.02	6.14	1.07	AMP
				132.00	300.90	8.13	145.07	260.04	184.76	146.07	63.77	PHASE
366	64.07	39.94	612	8.51	9.77	12.00	3.20	9.17	7.19	5.45	1.17	AMP
				123.73	294.07	355.06	119.03	254.03	101.71	139.54	66.44	PHASE
367	58.42	34.19	612	13.45	11.00	7.14	2.00	7.20	9.23	2.44	1.16	AMP
				144.03	338.25	39.89	219.99	205.98	244.58	226.37	115.54	PHASE
368	59.03	34.78	612	13.14	10.07	8.04	2.50	7.63	11.47	2.90	1.36	AMP
				142.69	330.21	25.00	211.11	259.00	220.22	190.23	95.20	PHASE
369	60.09	40.47	612	12.00	10.01	8.13	2.07	7.02	11.00	3.02	1.02	AMP
				145.16	328.77	27.95	214.20	265.61	230.00	186.74	100.52	PHASE
370	61.70	45.73	612	10.61	9.45	9.03	1.30	8.06	12.00	4.79	1.10	AMP
				142.00	316.62	10.87	193.75	253.04	228.06	166.73	85.32	PHASE
371	63.50	43.09	611	9.45	9.51	10.26	1.05	9.30	12.24	4.65	.93	AMP
				139.05	311.66	15.04	171.10	252.54	233.77	150.23	87.35	PHASE
372	65.04	43.60	613	8.53	9.92	11.39	1.44	9.37	12.07	5.37	.63	AMP
				133.63	305.66	10.60	154.16	251.00	220.51	152.62	96.31	PHASE
373	65.04	41.93	612	7.79	10.34	12.01	2.00	9.49	10.06	5.30	1.42	AMP
				122.60	296.23	359.53	125.14	236.64	215.42	140.16	92.95	PHASE

TABLE V.- Concluded

(b) Concluded

TORSION 75 PERCENT RADIUS											
RUN NO 38											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
355	-4.57	4.63	612	3.81	.28	.66	.48	.52	.52	.45	.33 AMP
				155.99	278.82	278.71	68.86	355.28	235.81	68.55	336.91 PHASE
356	-4.76	5.88	611	3.84	.38	.63	.49	.48	.47	.43	.36 AMP
				151.85	382.11	228.75	78.92	19.27	247.68	78.88	7.89 PHASE
357	-5.88	4.94	611	2.97	.54	.66	.51	.55	.43	.37	.22 AMP
				138.76	295.78	289.11	67.64	358.69	289.89	42.91	339.21 PHASE
358	-5.22	5.39	612	3.88	.63	.77	.44	.66	.38	.47	.22 AMP
				132.38	299.83	286.68	64.59	18.12	216.81	65.17	324.89 PHASE
359	-5.43	5.49	612	3.87	.74	.82	.32	.73	.29	.41	.38 AMP
				123.37	383.29	211.83	56.25	18.18	188.78	62.93	328.83 PHASE
368	-4.96	4.46	612	3.24	.89	.45	.37	.43	.31	.32	.28 AMP
				159.55	358.24	288.72	64.32	8.98	253.21	88.26	9.71 PHASE
361	-5.18	4.78	612	3.23	.29	.58	.34	.45	.34	.29	.19 AMP
				158.45	344.16	224.51	62.31	4.35	239.51	76.22	355.79 PHASE
362	-5.38	4.99	613	3.21	.47	.55	.33	.62	.28	.29	.28 AMP
				139.48	327.14	217.94	58.11	1.46	284.83	46.88	323.83 PHASE
363	-5.45	5.24	612	3.28	.68	.75	.36	.79	.32	.38	.18 AMP
				126.48	386.16	288.95	43.86	352.81	182.21	22.84	383.28 PHASE
364	-5.59	5.45	612	3.23	.79	.83	.38	.85	.32	.38	.15 AMP
				127.81	317.84	216.59	65.81	38.53	216.54	58.85	365.48 PHASE
365	-5.69	5.42	613	3.38	.88	.91	.39	.94	.33	.38	.18 AMP
				117.78	386.31	281.89	38.62	16.91	183.14	27.31	321.91 PHASE
366	-5.76	5.36	612	3.39	.94	.97	.34	1.88	.31	.39	.15 AMP
				112.46	388.97	282.55	38.55	15.36	173.96	18.68	323.53 PHASE
367	-5.32	4.65	612	3.45	.53	.53	.28	.27	.27	.26	.22 AMP
				157.21	21.25	237.85	58.92	2.44	248.48	79.83	358.66 PHASE
368	-5.43	5.81	612	3.38	.61	.65	.24	.24	.28	.26	.24 AMP
				146.82	357.89	229.43	37.45	353.34	218.47	73.24	328.43 PHASE
369	-5.59	5.16	612	3.34	.72	.74	.24	.63	.16	.23	.26 AMP
				139.89	343.44	235.53	51.39	14.24	288.84	84.25	358.16 PHASE
378	-5.72	5.29	612	3.31	.89	.95	.26	.78	.17	.26	.28 AMP
				129.58	324.72	224.26	74.81	15.68	177.33	75.51	343.37 PHASE
371	-5.79	5.16	611	3.32	.97	1.88	.32	.74	.18	.22	.29 AMP
				123.79	321.11	221.18	78.86	23.37	171.18	69.86	352.76 PHASE
372	-5.89	5.34	613	3.41	1.88	1.89	.33	.81	.22	.22	.38 AMP
				118.31	316.79	216.22	72.58	26.79	168.66	52.95	349.18 PHASE
373	-5.96	5.25	612	3.51	1.16	1.14	.32	.91	.27	.18	.33 AMP
				118.44	389.76	287.96	52.81	21.25	142.22	15.61	332.68 PHASE

PITCH LINK											
RUN NO 38											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
355	3.17	18.72	612	5.31	3.29	1.91	1.75	.59	1.83	.65	.33 AMP
				337.88	96.85	267.57	161.53	254.18	128.46	6.23	323.39 PHASE
356	3.81	12.96	611	6.92	3.78	1.86	1.88	.51	.93	.85	.44 AMP
				324.65	128.85	275.44	174.99	298.44	149.56	29.45	337.89 PHASE
357	4.42	12.88	611	6.74	4.12	1.53	1.78	.58	.61	.81	.31 AMP
				388.36	118.18	288.71	175.14	289.41	114.88	15.13	385.55 PHASE
358	5.52	13.81	612	7.13	3.73	.74	2.32	.71	.37	1.14	.58 AMP
				294.84	185.37	314.62	184.89	279.41	185.78	24.84	314.36 PHASE
359	6.62	14.87	612	7.89	3.84	.55	2.83	.89	.35	1.89	.73 AMP
				278.86	94.13	49.92	188.41	266.73	8.73	25.95	385.38 PHASE
368	4.68	11.77	612	7.38	2.67	1.96	2.87	.58	.37	.46	.18 AMP
				342.85	118.28	274.33	168.88	287.32	172.38	37.58	46.11 PHASE
361	4.86	12.21	612	6.91	3.85	1.41	2.14	.59	.41	.55	.12 AMP
				331.76	128.55	272.85	165.22	312.41	153.43	23.28	329.41 PHASE
362	5.16	12.64	613	6.84	3.82	1.86	2.89	.97	.23	.68	.13 AMP
				317.73	125.67	266.69	161.47	284.84	115.78	356.88	265.78 PHASE
363	5.88	14.62	612	7.26	4.14	.41	2.37	1.45	.22	.88	.14 AMP
				383.32	115.89	285.61	158.65	269.91	83.26	337.77	238.68 PHASE
364	6.18	14.81	612	7.28	3.98	.31	2.68	1.62	.12	.76	.89 AMP
				382.16	125.67	19.58	185.68	384.39	84.84	17.46	252.18 PHASE
365	6.68	15.68	613	7.59	3.78	.78	3.88	1.92	.18	.85	.15 AMP
				289.74	112.38	51.66	171.66	285.64	48.33	358.58	213.19 PHASE
366	7.19	15.37	612	8.87	3.23	1.46	3.19	1.91	.22	.82	.18 AMP
				279.88	186.23	63.61	178.18	288.28	33.56	348.24	175.77 PHASE
367	5.71	18.86	612	7.54	2.69	.81	1.75	.52	.46	.62	.89 AMP
				342.28	131.24	263.95	161.82	278.11	168.57	31.19	358.19 PHASE
368	5.77	11.53	612	6.88	3.19	.41	1.92	.78	.38	.66	.86 AMP
				326.78	134.88	274.33	159.88	263.48	148.94	28.25	339.28 PHASE
869	6.18	12.28	612	6.63	3.76	.16	2.17	.95	.19	.73	.21 AMP
				321.98	139.35	334.58	178.87	273.55	89.61	21.87	326.72 PHASE
378	6.48	13.23	612	6.93	4.27	.78	2.26	1.13	.28	.98	.28 AMP
				311.23	134.38	48.18	178.37	273.36	34.83	14.51	388.63 PHASE
371	6.59	13.47	611	7.81	4.32	.98	2.31	1.23	.43	.89	.17 AMP
				386.44	134.37	51.28	175.98	279.76	21.94	15.32	1.85 PHASE
372	6.89	14.97	613	7.79	4.62	1.37	2.62	1.54	.47	.95	.17 AMP
				381.71	131.58	53.88	177.64	283.84	22.68	7.14	357.34 PHASE
373	7.11	15.52	612	7.93	4.43	1.94	3.88	1.82	.64	.91	.21 AMP
				292.48	123.88	56.35	178.93	275.65	1.79	346.98	342.97 PHASE

TABLE VI.- ROTOR PERFORMANCE AND BLADE LOADS DATA FOR
ACR BLADE WITH RECTANGULAR TIP AND 4° TABS

(a) $\mu = 0.20$; $M_T = 0.65$

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CQ/SIGMA
168	-1.2	2.8	2.1	.05367	.00088	.00184
169	-1.5	3.3	4.1	.07184	.00109	.00237
170	-2.2	4.2	6.1	.08732	.00054	.00317
171	-2.3	5.4	8.0	.10218	-.00019	.00422
172	-2.9	6.4	10.1	.11556	-.00129	.00558
173	-3.4	7.0	12.1	.12696	-.00151	.00720
174	-3.6	7.4	13.1	.12887	-.00148	.00826
175	-.2	2.3	.1	.03602	.00116	.00161
176	.2	1.5	-1.9	.01860	.00132	.00143
177	.3	1.6	-2.1	.03225	.00519	.00102
178	-.3	2.1	.1	.05191	.00704	.00095
179	-.8	3.1	2.1	.06853	.00808	.00116
180	-1.6	4.3	4.1	.08354	.00819	.00188
181	-1.8	4.7	6.1	.10066	.00994	.00220
182	-2.1	5.4	8.1	.11576	.01069	.00317
183	-3.1	6.6	10.0	.12700	.00993	.00465
184	-3.5	7.5	11.1	.13100	.00907	.00558
185	-4.0	8.1	12.1	.13279	.00859	.00685
186	-.4	3.2	2.1	.03601	-.00226	.00228
187	-.2	3.7	4.1	.05448	-.00384	.00291
188	-.8	4.4	6.0	.06947	-.00558	.00367
189	-1.3	5.2	8.1	.08503	-.00746	.00481
190	-1.6	5.8	10.1	.10080	-.00883	.00582
191	-2.3	6.7	12.1	.11401	-.01093	.00756
192	-2.8	7.4	13.1	.11742	-.01216	.00850
193	-.1	2.4	4.1	.04078	-.00638	.00285
194	-.8	3.6	6.0	.05463	-.00916	.00382
196	-1.4	4.6	8.0	.06939	-.01232	.00500
197	-1.8	5.2	10.0	.08592	-.01530	.00630
198	-2.4	6.0	12.1	.10069	-.01829	.00780
199	-2.5	6.3	13.1	.10713	-.01945	.00872

TABLE VI.- Continued

(a) Continued

FLAPWISE 25 PERCENT RADIUS												
RUN NO 34												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
168	58.82	12.68	688	4.32	3.82	4.46	.52	4.54	1.62	.58	1.48	AMP
				143.55	328.83	338.59	139.39	331.82	272.92	38.47	296.41	PHASE
169	52.69	14.92	688	3.88	3.66	1.21	.61	5.53	2.18	1.83	2.19	AMP
				142.81	333.48	312.17	172.66	327.74	278.38	356.84	289.89	PHASE
170	54.95	16.27	688	3.35	3.88	1.89	.95	6.34	2.45	1.55	2.93	AMP
				129.83	339.83	297.22	192.74	387.64	268.73	358.78	271.42	PHASE
171	57.81	17.48	688	3.34	4.54	2.21	1.24	6.57	2.58	1.68	2.97	AMP
				113.26	352.86	294.38	228.31	299.43	258.73	341.58	267.24	PHASE
172	59.89	18.89	688	3.57	5.61	2.88	1.79	5.86	2.88	1.11	2.77	AMP
				82.31	4.58	272.59	183.54	382.46	227.95	355.89	268.58	PHASE
173	68.77	28.77	688	5.58	5.18	5.18	3.87	3.85	1.82	1.63	1.66	AMP
				58.38	3.24	224.72	286.95	267.39	217.88	348.29	291.77	PHASE
174	68.97	25.88	688	6.77	6.96	7.18	3.23	.89	.88	2.67	1.87	AMP
				58.43	354.92	234.68	182.37	258.58	127.58	28.34	271.57	PHASE
175	47.23	13.24	688	5.41	4.53	1.14	1.83	3.37	1.55	.46	1.38	AMP
				141.39	318.83	88.64	62.73	316.53	258.68	118.86	296.92	PHASE
176	44.88	12.44	688	5.41	5.37	2.52	1.28	2.62	1.36	.69	.97	AMP
				141.85	321.88	184.53	67.24	349.13	274.83	165.85	339.92	PHASE
177	45.78	12.84	688	5.97	5.28	2.17	1.38	2.83	1.19	.44	.56	AMP
				147.53	389.85	186.11	77.72	.97	277.88	189.58	316.68	PHASE
178	48.37	13.11	688	5.76	4.48	1.32	.98	3.82	1.83	.58	.83	AMP
				158.98	389.46	89.38	185.36	355.87	278.93	151.98	317.55	PHASE
179	58.74	12.33	688	5.58	3.72	.89	.67	3.12	1.48	.44	.92	AMP
				148.88	389.59	48.87	153.46	348.78	267.68	158.12	317.41	PHASE
180	52.98	11.62	688	5.16	3.23	1.26	.83	3.82	1.51	.34	.68	AMP
				137.55	311.81	347.69	218.78	296.89	227.16	158.86	239.64	PHASE
181	55.25	14.31	688	4.29	2.68	1.78	1.76	4.81	2.82	.75	1.23	AMP
				131.92	324.61	328.21	225.65	298.58	226.96	231.74	198.49	PHASE
182	57.37	17.61	688	3.77	3.86	2.38	2.61	4.28	2.63	1.88	1.75	AMP
				114.46	339.69	284.89	231.82	287.27	219.34	219.88	188.17	PHASE
183	58.81	21.24	688	4.24	3.86	2.13	2.63	3.82	3.85	2.41	1.97	AMP
				81.11	358.31	233.32	196.46	238.18	191.15	177.49	126.46	PHASE
184	59.35	25.45	688	5.28	4.21	3.95	2.63	6.68	3.54	1.45	1.38	AMP
				69.14	358.88	217.81	238.17	256.71	223.65	233.43	135.23	PHASE
185	59.66	24.78	688	6.35	6.58	6.59	2.29	5.66	1.47	1.18	2.18	AMP
				58.19	358.81	245.69	261.42	265.13	219.48	75.51	115.53	PHASE
186	48.49	9.87	689	5.81	4.83	1.88	1.76	2.88	.98	.19	.75	AMP
				141.14	339.39	83.99	32.78	329.47	284.39	54.16	384.45	PHASE
187	51.16	11.94	689	4.75	3.91	.32	1.44	3.65	1.33	.79	1.47	AMP
				145.11	344.73	1.44	12.71	324.88	284.83	25.54	287.83	PHASE
188	53.42	14.48	689	4.28	3.79	1.81	.57	5.18	1.81	1.25	2.87	AMP
				136.84	347.21	295.28	287.11	388.78	247.21	353.46	252.37	PHASE
189	55.77	17.27	689	3.79	3.93	1.66	1.35	6.41	2.22	1.68	2.48	AMP
				128.78	7.82	296.21	288.84	328.48	263.71	25.81	287.85	PHASE
190	58.34	18.56	689	3.49	4.72	2.18	2.13	6.18	2.68	1.36	2.68	AMP
				183.72	15.77	277.48	198.89	318.92	241.76	9.58	278.28	PHASE
191	68.58	21.64	689	4.48	5.65	2.58	2.92	5.68	3.12	2.22	3.35	AMP
				73.98	31.78	234.18	196.31	311.44	264.89	355.19	291.37	PHASE
192	61.13	25.14	689	5.67	6.29	4.28	2.73	5.55	2.11	3.82	3.84	AMP
				68.92	23.81	221.66	168.13	389.55	264.88	349.66	271.32	PHASE
193	58.88	9.86	689	3.67	3.27	.37	.35	2.84	.68	.38	.71	AMP
				148.28	358.54	41.28	56.55	349.34	293.85	69.88	318.68	PHASE
194	52.42	18.71	689	3.85	3.88	.88	1.4	2.98	.58	.78	.85	AMP
				136.73	355.68	389.18	47.88	315.25	264.27	18.41	255.99	PHASE
196	54.88	12.23	689	3.68	3.75	1.28	.38	3.55	.71	.76	.96	AMP
				127.54	8.92	299.25	192.68	314.84	249.46	19.91	257.33	PHASE
197	57.56	14.88	689	3.22	4.82	2.87	.82	4.49	1.13	1.85	1.33	AMP
				185.18	12.91	275.14	169.56	293.63	284.74	7.88	212.33	PHASE
198	68.16	17.14	689	3.74	5.71	2.83	1.32	4.54	1.39	1.31	1.48	AMP
				74.76	12.68	257.77	146.23	288.28	184.41	345.18	182.92	PHASE
199	61.21	21.38	689	4.93	5.98	3.88	1.87	6.66	1.48	1.97	1.43	AMP
				65.83	24.88	246.83	162.28	292.85	231.88	337.33	198.78	PHASE

TABLE VI.- Continued

(a) Continued

CHORDWISE 25 PERCENT RADIUS												
RUN NO		34										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
168	58.68	31.24	688	21.87	4.27	.58	1.88	6.73	1.16	1.62	.49	AMP
169	49.68	57.96	688	38.74	134.64	211.41	358.74	245.85	176.45	24.88	334.94	PHASE
170	48.88	72.99	688	38.38	5.82	7.18	3.29	4.92	5.67	2.15	.83	AMP
171	47.26	97.91	688	326.99	126.71	157.62	346.98	244.96	162.47	62.74	346.77	PHASE
172	47.89	189.47	688	51.78	5.34	18.97	4.17	4.37	6.85	.89	.68	AMP
173	49.33	148.81	688	332.68	124.55	166.18	329.46	197.48	119.48	3.19	326.77	PHASE
174	51.42	156.89	688	71.96	4.41	14.23	5.38	7.49	7.74	2.15	.45	AMP
175	46.38	29.47	688	348.26	138.11	184.34	329.27	146.53	94.34	319.66	337.52	PHASE
176	46.98	28.88	688	91.86	.98	14.42	5.63	18.85	2.82	5.84	1.57	AMP
177	46.41	25.37	688	348.73	249.69	287.84	339.48	144.18	68.11	333.74	38.78	PHASE
178	44.33	36.47	688	189.13	3.98	3.89	2.88	21.21	15.56	6.67	1.92	AMP
179	42.28	58.12	688	358.27	284.43	219.75	187.69	161.88	127.43	146.28	229.85	PHASE
180	48.71	62.41	688	117.21	13.24	3.87	3.29	13.88	18.92	4.96	2.19	AMP
181	38.89	85.31	688	5.77	251.49	197.99	286.72	212.39	214.98	223.14	29.88	PHASE
182	38.89	184.93	688	12.73	3.19	3.87	1.99	4.69	7.71	1.46	.44	AMP
183	39.59	119.41	688	275.36	147.65	251.37	37.28	254.33	186.95	48.52	382.27	PHASE
184	41.58	129.27	688	5.67	2.86	1.48	2.15	5.22	5.64	.98	.36	AMP
185	44.21	158.24	688	268.88	138.38	251.73	73.57	287.96	188.92	98.26	12.74	PHASE
186	46.56	25.89	689	11.98	3.87	4.26	2.34	3.34	5.67	1.17	.89	AMP
187	46.84	43.97	689	266.82	125.68	239.84	66.84	279.73	192.65	73.48	52.82	PHASE
188	46.32	61.65	689	23.63	4.99	2.98	1.68	5.33	5.48	.79	.46	AMP
189	46.42	84.89	689	294.87	124.94	291.93	69.58	253.22	384.56	53.85	38.57	PHASE
190	46.27	188.88	689	35.49	8.41	2.15	1.73	6.69	1.74	1.71	.43	AMP
191	48.85	129.32	689	313.68	117.47	171.86	12.68	274.68	79.16	68.88	.81	PHASE
192	58.89	147.53	689	48.84	18.16	6.53	3.19	4.68	1.33	1.15	.37	AMP
193	47.88	38.18	689	317.71	187.93	162.95	335.69	256.48	139.24	55.36	337.94	PHASE
194	48.84	45.16	689	66.15	12.33	12.93	3.77	2.25	2.54	1.64	.54	AMP
195	48.78	63.94	689	336.87	183.44	179.37	331.18	116.28	65.45	233.55	384.85	PHASE
196	48.78	63.94	689	85.38	11.75	15.11	4.98	8.74	5.33	2.74	.23	AMP
197	49.41	85.79	689	345.49	99.69	195.95	318.89	163.75	165.55	288.98	335.42	PHASE
198	58.83	189.18	689	99.55	7.99	11.33	4.94	7.75	6.43	5.31	1.37	AMP
199	51.57	128.52	689	349.83	96.19	223.81	351.78	148.25	384.67	341.84	73.18	PHASE
				186.86	4.91	6.43	4.88	15.64	18.89	9.89	3.15	AMP
				355.88	188.98	248.64	48.15	145.29	88.83	112.15	193.22	PHASE
				118.62	4.24	7.35	1.38	23.52	28.73	14.21	4.48	AMP
				.86	219.97	221.33	128.87	184.15	193.83	284.74	295.28	PHASE
				12.61	3.66	3.38	1.11	4.83	2.36	.68	.21	AMP
				289.84	171.79	287.79	345.94	261.23	224.88	58.77	313.52	PHASE
				29.38	4.12	3.86	3.75	6.15	6.95	1.58	.35	AMP
				324.47	156.71	169.84	342.62	248.94	165.39	87.87	2.86	PHASE
				44.98	3.44	7.35	4.18	4.72	5.74	1.17	.27	AMP
				331.48	158.85	164.46	333.33	191.14	138.21	75.53	326.47	PHASE
				64.21	1.61	11.71	4.14	8.83	6.13	.79	.54	AMP
				343.66	162.77	188.31	358.97	175.88	119.15	348.16	351.47	PHASE
				86.45	1.37	13.96	4.63	12.47	6.32	3.14	.75	AMP
				358.87	337.61	283.48	358.44	168.92	73.58	343.12	8.69	PHASE
				188.88	7.11	6.29	5.28	17.81	15.18	5.66	.97	AMP
				359.81	316.26	253.38	62.18	165.64	93.92	94.99	186.78	PHASE
				115.22	11.79	.61	2.51	23.82	17.34	6.58	1.28	AMP
				358.65	382.88	293.45	96.24	173.22	148.28	127.47	148.19	PHASE
				15.53	3.51	2.58	3.89	4.88	5.15	.91	.28	AMP
				335.28	169.19	161.88	.79	282.19	179.79	87.88	37.89	PHASE
				38.15	3.18	6.36	3.68	2.72	4.19	.79	.12	AMP
				336.42	176.27	161.46	353.77	212.88	172.81	83.88	353.25	PHASE
				49.13	2.85	9.96	4.28	5.83	1.65	.53	.25	AMP
				343.82	214.35	182.86	6.68	177.48	159.76	344.12	28.87	PHASE
				73.21	3.28	14.36	4.98	18.88	3.98	1.58	.39	AMP
				347.83	267.41	184.65	4.51	151.49	38.96	331.62	337.11	PHASE
				97.35	7.86	15.96	4.93	13.99	7.85	1.76	.36	AMP
				348.19	276.82	183.84	356.68	144.15	19.19	332.39	336.78	PHASE
				188.24	9.63	18.83	2.38	18.17	12.58	3.19	.53	AMP
				358.16	298.97	187.28	13.73	161.52	91.22	73.64	281.89	PHASE

TABLE VI.- Continued

(a) Continued

TORSION 28 PERCENT RADIUS												
RUN NO 34												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
168	5.22	2.99	688	1.56	.36	.35	.38	.78	.28	.84	.82	AMP
				45.85	344.12	188.52	175.48	223.71	195.57	185.79	224.18	PHASE
169	4.54	4.24	688	2.16	.76	.33	.51	.84	.38	.84	.84	AMP
				45.76	19.53	142.85	177.76	216.87	196.68	119.18	328.78	PHASE
170	3.96	5.66	688	2.92	1.38	.51	.72	1.88	.28	.83	.14	AMP
				48.91	21.77	172.91	176.48	194.81	286.54	357.87	299.25	PHASE
171	3.29	6.88	688	4.87	1.96	1.84	.85	1.81	.13	.89	.22	AMP
				37.58	29.21	189.83	186.59	197.47	245.89	323.51	318.59	PHASE
172	2.33	12.61	688	6.12	3.25	2.49	1.68	1.18	.68	.25	.29	AMP
				31.27	48.73	199.18	232.76	268.77	358.99	73.84	219.24	PHASE
173	-.42	22.38	688	18.79	2.84	4.52	1.37	2.98	2.78	2.18	.72	AMP
				25.73	59.61	254.62	31.74	175.78	267.68	346.76	48.44	PHASE
174	-2.71	38.78	688	13.79	2.54	6.13	1.41	5.18	6.35	3.58	.83	AMP
				21.34	22.47	277.52	338.15	267.99	332.76	36.51	25.81	PHASE
175	5.46	2.18	688	1.17	.46	.51	.87	.39	.25	.17	.84	AMP
				35.91	278.57	182.27	286.53	282.88	212.21	137.78	55.33	PHASE
176	6.84	2.58	688	.82	.79	.78	.87	.16	.28	.14	.81	AMP
				23.48	268.88	124.42	25.49	268.79	242.15	152.22	112.54	PHASE
177	6.28	2.98	688	1.25	.94	.88	.23	.12	.88	.88	.81	AMP
				29.18	252.12	121.48	94.85	.45	285.47	118.98	389.33	PHASE
178	5.49	2.97	688	1.66	.65	.95	.44	.25	.85	.83	.83	AMP
				36.98	259.28	116.22	183.74	247.78	123.58	83.64	136.87	PHASE
179	4.76	3.51	688	2.18	.11	1.12	.47	.38	.14	.88	.83	AMP
				38.18	294.35	123.28	146.46	227.41	192.18	112.14	183.31	PHASE
180	4.88	4.47	688	2.68	.68	1.18	.58	.58	.87	.89	.88	AMP
				31.49	49.88	128.13	148.17	178.48	124.16	69.19	68.88	PHASE
181	3.82	6.62	688	3.87	1.67	1.44	.72	.7	.87	.11	.86	AMP
				25.58	67.57	138.79	177.34	216.12	39.34	72.87	181.74	PHASE
182	2.83	9.84	688	5.57	2.17	1.48	.37	.48	.38	.19	.19	AMP
				24.91	78.35	189.48	314.94	113.15	138.88	218.67	171.78	PHASE
183	.27	17.97	688	8.53	2.59	3.28	2.36	1.47	1.38	1.34	.68	AMP
				18.53	71.81	229.87	328.23	48.89	95.31	155.39	216.21	PHASE
184	-1.19	22.75	688	18.92	2.15	4.46	2.98	3.77	3.89	1.87	.71	AMP
				18.18	69.99	268.89	12.79	145.89	218.78	279.72	359.28	PHASE
185	-3.35	29.49	688	14.11	2.57	5.42	1.97	5.12	6.15	4.43	2.28	AMP
				15.29	32.21	291.46	27.72	236.98	317.81	27.86	77.28	PHASE
186	4.71	2.35	689	1.51	.75	.38	.15	.28	.87	.81	.82	AMP
				58.85	328.93	194.11	141.43	215.69	222.91	48.63	152.79	PHASE
187	4.11	3.32	689	2.18	1.83	.57	.42	.42	.22	.84	.84	AMP
				47.81	346.62	288.44	173.58	228.56	233.28	131.88	355.44	PHASE
188	3.52	4.39	689	2.72	1.29	.72	.59	.54	.25	.85	.84	AMP
				48.44	358.65	193.18	163.68	288.43	198.47	69.29	318.72	PHASE
189	2.89	5.79	689	3.58	1.64	1.84	.77	.85	.18	.84	.85	AMP
				41.88	13.16	285.91	181.83	225.37	258.75	118.91	337.69	PHASE
190	2.23	8.76	689	5.88	2.45	1.61	.84	.75	.15	.11	.88	AMP
				36.66	24.58	282.34	181.35	228.88	346.48	64.67	219.89	PHASE
191	.81	15.93	689	8.28	2.99	3.31	.91	1.12	.91	.88	.48	AMP
				36.34	56.65	243.18	12.19	154.31	251.49	324.11	13.68	PHASE
192	-.37	28.81	689	18.44	2.85	4.14	.69	2.19	2.29	1.41	.36	AMP
				32.48	51.93	254.84	49.36	215.46	292.93	359.52	.84	PHASE
193	4.22	2.45	689	1.69	.74	.31	.21	.21	.12	.84	.82	AMP
				48.82	348.43	222.18	188.55	245.47	247.26	127.35	36.87	PHASE
194	3.57	3.15	689	2.24	.98	.43	.28	.24	.12	.86	.82	AMP
				42.34	348.89	215.25	179.15	288.26	194.21	188.16	313.18	PHASE
196	2.93	4.15	689	2.95	1.27	.64	.32	.47	.11	.84	.83	AMP
				42.77	.88	228.84	181.87	196.38	225.46	112.86	29.38	PHASE
197	2.34	5.53	689	3.88	1.82	.99	.43	.77	.17	.18	.82	AMP
				36.75	3.85	289.94	125.21	172.17	229.85	12.36	328.85	PHASE
198	1.85	7.42	689	5.28	2.54	1.28	.59	.92	.38	.21	.84	AMP
				33.22	3.69	288.11	82.98	158.88	239.51	338.87	251.52	PHASE
199	1.88	14.81	689	7.22	2.13	2.89	1.71	2.77	1.45	.72	.18	AMP
				36.31	23.75	249.44	85.78	169.38	248.34	333.88	13.58	PHASE

TABLE VI.- Continued

(a) Continued

FLAPWISE 37 PERCENT RADIUS												
RUN NO		34										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
168	34.68	14.25	688	8.85	4.92	1.38	.13	3.89	.57	.11	.25	AMP
				143.56	324.68	317.79	96.52	334.78	286.46	311.33	91.91	PHASE
169	37.12	16.18	688	8.23	4.79	2.34	.32	3.87	.82	.11	.54	AMP
				146.85	324.14	316.32	228.95	338.15	294.88	42.89	73.42	PHASE
170	39.35	18.24	688	8.22	4.79	3.19	.62	4.43	.86	.88	.88	AMP
				143.84	325.48	314.83	231.46	313.42	277.27	57.84	58.18	PHASE
171	41.61	19.58	688	8.82	5.25	3.49	.94	4.56	.77	.87	.93	AMP
				141.34	332.79	305.58	254.46	307.11	274.52	32.56	56.24	PHASE
172	43.76	20.41	688	8.66	5.57	2.66	.96	3.66	.58	.29	.92	AMP
				137.88	344.17	308.98	181.47	311.73	268.18	355.32	46.95	PHASE
173	45.33	22.65	688	8.37	5.12	4.68	2.76	2.98	.28	.36	.43	AMP
				131.28	336.16	222.39	216.63	288.82	254.28	88.18	38.45	PHASE
174	45.25	25.37	688	7.15	8.32	6.51	2.52	.66	.28	.21	.21	AMP
				129.88	335.98	238.48	189.98	321.49	146.33	145.53	13.64	PHASE
175	32.82	15.83	688	8.69	6.19	.98	.57	2.46	.54	.13	.18	AMP
				136.97	318.58	52.87	67.51	319.45	278.18	336.34	187.26	PHASE
176	29.69	15.23	688	8.28	7.12	2.21	.75	1.76	.64	.12	.15	AMP
				137.88	322.29	86.89	72.11	353.34	294.33	387.35	165.81	PHASE
177	38.11	15.28	688	8.86	6.97	1.68	.51	1.94	.59	.18	.87	AMP
				138.73	312.53	76.48	86.45	356.49	299.53	288.81	172.53	PHASE
178	32.69	14.87	688	9.38	6.18	1.12	.22	2.11	.43	.14	.86	AMP
				144.87	312.59	38.11	168.74	353.83	285.84	223.98	118.48	PHASE
179	34.99	14.65	688	9.54	5.46	1.68	.48	2.29	.58	.89	.16	AMP
				145.37	308.51	354.83	232.95	348.58	288.11	294.14	135.18	PHASE
180	37.29	14.26	688	9.68	4.67	2.69	1.82	2.29	.68	.85	.19	AMP
				148.13	382.16	328.58	252.21	299.48	246.65	184.69	11.88	PHASE
181	39.64	14.54	688	9.62	3.91	3.55	1.55	2.89	.88	.15	.39	AMP
				141.53	383.91	322.96	249.75	295.96	258.88	231.64	1.67	PHASE
182	41.85	15.78	688	9.53	4.33	4.16	2.13	3.24	.94	.28	.71	AMP
				148.84	388.69	383.16	243.55	292.22	258.48	317.85	1.31	PHASE
183	43.38	17.61	688	9.31	4.97	1.79	2.68	3.11	1.11	.28	.67	AMP
				135.43	317.84	274.83	193.89	251.66	218.22	315.11	328.82	PHASE
184	43.85	21.88	688	9.83	5.73	3.17	2.96	4.91	.95	.21	.63	AMP
				133.88	319.32	218.33	227.55	271.48	247.45	68.89	323.21	PHASE
185	44.83	25.17	688	8.88	8.86	6.87	2.75	3.88	.68	.58	.88	AMP
				128.14	338.18	246.45	268.23	285.58	211.49	215.62	382.28	PHASE
186	34.13	13.84	689	9.42	5.46	1.15	.49	1.43	.34	.87	.13	AMP
				139.55	337.43	68.31	32.14	348.19	299.89	328.88	132.37	PHASE
187	36.67	13.65	689	8.88	5.84	1.89	.31	2.65	.47	.16	.23	AMP
				143.81	338.27	359.13	353.81	328.66	291.45	9.82	87.98	PHASE
188	38.82	13.93	689	9.81	4.65	1.92	.49	3.58	.68	.86	.51	AMP
				148.21	336.54	317.11	243.38	385.82	248.56	54.97	48.28	PHASE
189	41.19	16.47	689	9.28	4.43	2.65	.92	4.45	.75	.87	.62	AMP
				144.18	351.64	316.79	228.87	326.72	275.38	145.37	71.67	PHASE
190	43.67	18.33	689	9.26	4.64	2.85	1.45	4.54	.83	.15	.74	AMP
				148.47	358.63	382.47	211.49	318.26	251.33	47.38	58.52	PHASE
191	45.71	21.81	689	8.79	4.75	2.85	2.46	4.38	1.87	.54	.88	AMP
				138.72	28.16	244.23	287.65	322.86	267.48	85.35	74.26	PHASE
192	46.58	24.98	689	8.62	5.86	4.14	2.17	4.46	.85	.55	.79	AMP
				138.82	14.84	223.55	186.27	322.58	256.98	96.53	53.68	PHASE
193	36.28	11.79	689	7.63	4.22	1.81	.27	1.57	.32	.87	.82	AMP
				146.64	349.88	13.21	38.94	347.53	381.18	358.99	118.88	PHASE
194	38.38	11.95	689	8.11	4.85	1.47	.86	2.19	.28	.88	.13	AMP
				141.45	346.33	338.87	335.82	314.42	256.18	326.82	43.59	PHASE
196	48.84	12.97	689	8.21	4.18	2.87	.39	2.54	.28	.87	.28	AMP
				143.41	356.38	323.76	215.89	317.58	268.27	256.73	61.84	PHASE
197	43.38	15.89	689	8.32	4.41	2.84	.87	3.29	.33	.83	.36	AMP
				141.15	.82	299.21	185.24	297.87	233.63	237.67	19.74	PHASE
198	46.81	16.63	689	8.48	5.18	3.38	1.26	3.47	.36	.11	.38	AMP
				136.78	2.47	282.88	166.62	285.96	224.72	8.93	347.61	PHASE
199	46.99	19.92	689	8.45	4.78	3.84	1.14	4.98	.36	.33	.48	AMP
				137.51	16.18	261.12	288.99	388.91	253.25	51.78	19.42	PHASE

TABLE VI.- Continued

(a) Continued

CHORDWISE 37 PERCENT RADIUS											
RUN NO 34											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
168	33.12	28.44	688	16.63	3.45	1.05	2.19	6.91	1.12	2.61	.74 AMP
169	31.42	48.53	688	297.40	132.16	257.31	348.74	259.81	193.40	28.45	99.48 PHASE
170	30.63	56.92	688	25.95	5.16	4.86	4.26	5.08	7.91	5.14	1.53 AMP
171	28.07	75.41	688	323.40	125.28	176.69	345.77	268.58	147.69	72.22	47.30 PHASE
172	27.86	87.76	688	36.35	5.43	8.25	5.74	3.55	9.00	2.34	2.01 AMP
173	27.64	121.86	688	330.11	123.45	184.17	329.15	236.19	113.67	71.57	52.52 PHASE
174	28.99	139.98	688	50.74	5.37	11.76	7.49	4.65	12.15	1.54	2.85 AMP
175	28.17	28.97	688	338.51	124.87	201.67	329.47	145.07	90.31	314.87	56.42 PHASE
176	28.56	22.33	688	64.83	2.89	12.91	7.16	9.29	5.12	7.34	4.42 AMP
177	28.41	25.99	688	344.57	146.71	222.62	341.00	144.34	65.96	327.93	53.68 PHASE
178	26.82	32.99	688	77.74	2.45	5.58	1.71	24.35	21.15	11.50	1.28 AMP
179	25.01	43.12	688	357.04	230.19	239.98	170.13	167.33	130.47	139.96	72.87 PHASE
180	23.45	47.85	688	82.64	11.14	3.60	5.00	19.10	27.20	9.52	4.56 AMP
181	20.31	67.61	688	4.76	241.52	256.17	223.67	216.26	218.85	197.49	56.09 PHASE
182	17.89	88.55	688	11.06	2.71	3.12	2.46	5.67	11.41	1.79	.52 AMP
183	17.86	97.63	688	272.86	137.52	257.66	27.68	260.26	187.73	33.10	25.59 PHASE
184	19.51	104.54	688	6.00	1.81	.87	2.12	6.48	7.90	1.00	.08 AMP
185	21.49	137.72	688	262.34	115.60	263.14	67.09	288.75	181.56	104.18	98.26 PHASE
186	26.88	22.68	688	10.97	2.73	3.10	2.48	3.79	8.22	1.45	.88 AMP
187	26.13	36.65	688	262.88	115.96	239.45	61.76	284.75	190.93	60.21	29.49 PHASE
188	25.73	49.06	688	18.45	4.72	2.60	1.84	5.46	8.24	1.39	.97 AMP
189	25.10	63.04	688	291.16	124.27	290.06	61.36	259.74	302.69	35.08	104.32 PHASE
190	23.67	77.83	688	26.39	7.86	2.02	2.23	6.96	2.62	3.71	.27 AMP
191	24.20	111.28	688	310.28	117.87	217.57	12.47	283.15	60.93	65.05	30.98 PHASE
192	25.86	125.79	688	35.75	9.60	5.34	4.42	5.27	1.23	3.38	.86 AMP
193	26.92	29.31	688	315.54	107.98	190.05	333.34	269.51	120.65	49.21	359.90 PHASE
194	26.76	37.18	688	48.35	12.52	10.94	6.25	1.06	3.91	2.71	1.50 AMP
195	26.22	63.58	688	334.52	105.05	200.30	324.98	39.63	50.67	201.55	349.54 PHASE
196	26.42	49.24	688	62.26	12.00	14.35	7.73	7.00	6.23	4.09	2.05 AMP
197	26.22	63.58	688	343.71	107.72	218.01	319.59	176.36	150.40	207.11	356.03 PHASE
198	25.53	83.28	688	72.94	8.96	11.85	5.43	6.67	9.73	9.84	2.21 AMP
199	26.58	102.77	688	348.29	111.27	245.81	356.42	169.20	307.59	334.26	31.21 PHASE
				77.74	5.82	8.13	3.94	14.85	12.45	13.23	3.42 AMP
				353.19	129.66	270.43	38.45	156.52	81.60	106.20	196.98 PHASE
				80.42	5.49	7.98	1.37	27.24	28.49	22.73	5.19 AMP
				358.35	212.12	264.19	251.00	196.52	203.32	201.82	279.17 PHASE
				10.74	3.01	2.82	2.09	5.99	3.84	1.61	.58 AMP
				280.92	167.99	297.69	354.62	264.77	231.20	57.05	99.76 PHASE
				21.59	3.48	1.00	4.48	6.87	9.35	3.81	1.10 AMP
				320.75	151.71	201.62	345.61	256.55	162.53	93.47	62.17 PHASE
				31.86	3.21	5.19	5.07	4.43	7.93	3.07	1.40 AMP
				328.27	143.78	186.06	337.15	216.05	133.59	92.50	49.34 PHASE
				45.15	2.32	9.11	5.46	5.65	8.98	1.26	1.71 AMP
				341.14	145.26	206.45	356.97	183.53	112.23	172.72	56.29 PHASE
				60.95	8.01	12.14	6.10	9.82	8.84	4.73	2.28 AMP
				348.66	101.45	217.82	350.20	173.43	65.71	341.54	45.78 PHASE
				76.11	3.47	6.79	4.81	16.06	22.49	11.79	2.26 AMP
				350.37	312.20	255.55	59.05	163.82	92.00	94.70	77.00 PHASE
				80.85	7.36	2.36	1.67	24.79	23.55	13.76	3.07 AMP
				357.49	295.14	240.11	127.49	177.23	139.39	120.00	60.64 PHASE
				12.03	2.74	1.07	3.50	4.79	7.33	1.93	.64 AMP
				330.35	160.53	190.20	4.12	286.48	178.23	109.22	85.67 PHASE
				21.94	2.37	4.03	4.20	3.01	6.05	2.56	1.17 AMP
				333.03	162.87	182.05	353.55	231.56	169.92	104.75	50.60 PHASE
				34.29	1.93	7.33	5.51	4.07	2.27	.85	1.12 AMP
				341.45	196.79	197.66	6.08	196.31	159.00	166.07	72.96 PHASE
				50.88	1.94	11.49	6.25	9.22	6.02	2.10	.82 AMP
				345.14	259.81	196.79	356.25	157.79	24.09	321.09	7.35 PHASE
				67.95	4.67	13.00	6.31	12.50	11.10	3.36	1.52 AMP
				346.87	273.34	194.93	346.41	149.94	13.65	341.19	306.47 PHASE
				75.30	6.38	10.28	3.71	17.38	18.92	8.22	2.41 AMP
				355.99	286.75	200.22	358.99	166.15	87.90	72.11	353.50 PHASE

TABLE VI.- Continued

(a) Continued

TORSION 36 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
168	4.27	2.65	688	1.74	.13	.36	.23	.69	.21	.83	.85	AMP
169	3.59	3.47	688	29.68	324.82	87.11	143.77	173.27	126.41	61.78	34.47	PHASE
170	2.98	4.78	688	2.26	.49	.37	.39	.82	.28	.82	.84	AMP
171	2.37	5.98	688	33.86	12.72	113.77	142.38	167.98	138.23	184.48	29.76	PHASE
172	1.53	18.69	688	2.88	.92	.51	.68	1.88	.13	.88	.85	AMP
173	-1.23	18.58	688	32.17	18.16	132.98	142.87	146.44	158.74	224.59	328.37	PHASE
174	-3.42	23.13	688	3.78	1.43	.88	.76	.99	.11	.81	.87	AMP
175	4.65	1.97	688	31.19	14.35	149.96	151.57	151.85	293.28	171.82	297.88	PHASE
176	5.29	2.81	688	5.48	2.57	2.88	1.49	.93	.66	.28	.15	AMP
177	5.34	2.43	688	25.43	26.88	167.11	282.19	229.89	329.84	49.46	136.45	PHASE
178	4.57	2.65	688	9.44	2.36	3.47	1.21	2.28	2.22	1.66	.65	AMP
179	3.87	3.87	688	18.62	51.64	232.66	3.62	139.13	231.88	298.89	355.79	PHASE
180	3.11	3.81	688	12.86	2.81	4.86	1.48	4.41	5.24	2.69	.63	AMP
181	2.26	5.73	688	12.78	18.78	259.61	298.76	237.84	293.56	348.74	342.65	PHASE
182	1.41	6.56	688	1.44	.35	.44	.87	.39	.14	.18	.87	AMP
183	-2.1	14.55	688	17.89	225.77	79.69	263.12	149.68	144.51	73.78	18.87	PHASE
184	-1.66	18.58	688	1.89	.57	.56	.82	.14	.88	.87	.84	AMP
185	-3.76	22.61	688	7.47	226.71	183.97	358.83	184.17	169.37	78.48	66.67	PHASE
186	4.81	2.19	689	1.48	.76	.62	.17	.82	.82	.87	.83	AMP
187	3.38	3.24	689	13.97	228.27	188.83	72.98	72.84	12.73	21.16	339.88	PHASE
188	2.68	4.89	689	1.75	.57	.75	.38	.26	.18	.85	.87	AMP
189	2.84	5.28	689	23.58	227.88	91.48	74.48	176.91	48.22	388.78	42.64	PHASE
190	1.48	7.28	689	2.12	.19	.99	.42	.44	.18	.87	.88	AMP
191	.88	13.67	689	26.53	223.75	98.74	112.56	175.39	117.78	23.33	37.83	PHASE
192	-1.84	16.12	689	2.58	.35	1.82	.55	.61	.88	.11	.18	AMP
193	3.58	2.47	689	22.57	34.42	94.63	111.71	136.28	18.48	.17	354.49	PHASE
194	2.87	3.88	689	3.46	1.22	1.38	.78	.44	.37	.15	.83	AMP
195	2.19	3.88	689	18.72	58.33	189.78	148.53	166.34	354.25	19.65	339.85	PHASE
196	1.54	4.97	689	4.69	1.56	1.17	.22	.48	.87	.87	.87	AMP
197	1.84	6.31	689	18.82	58.29	148.37	277.61	72.59	55.51	163.83	88.85	PHASE
198	1.84	6.31	689	7.13	2.84	2.46	2.18	1.48	1.21	.94	.45	AMP
199	.21	12.62	689	11.86	53.27	199.72	288.18	9.36	49.38	189.96	169.48	PHASE
				9.29	1.72	3.47	2.49	3.17	2.44	1.54	.63	AMP
				18.89	55.28	238.63	341.36	185.31	179.72	237.61	388.48	PHASE
				12.19	2.12	4.13	1.61	3.92	5.11	3.59	1.72	AMP
				7.32	17.92	272.13	352.31	283.89	279.84	338.41	25.86	PHASE
				1.78	.49	.27	.15	.28	.86	.83	.84	AMP
				38.64	388.63	171.37	118.18	162.68	115.89	6.99	53.58	PHASE
				2.38	.72	.53	.38	.42	.11	.84	.86	AMP
				32.88	331.42	173.79	139.88	166.16	178.18	75.87	2.58	PHASE
				2.85	.92	.65	.52	.53	.18	.83	.86	AMP
				28.64	335.51	168.79	129.18	146.53	136.34	58.81	356.87	PHASE
				3.55	1.21	.88	.66	.82	.89	.84	.87	AMP
				32.15	357.73	172.86	146.95	175.98	338.27	121.91	41.98	PHASE
				4.63	1.88	1.35	.72	.69	.38	.86	.88	AMP
				29.65	8.98	167.37	145.74	183.88	339.59	37.78	182.45	PHASE
				7.36	2.39	2.66	.84	.99	.58	.71	.38	AMP
				29.82	45.84	216.59	342.53	128.79	212.75	271.32	338.23	PHASE
				9.28	2.24	3.28	.68	1.87	1.85	.87	.31	AMP
				25.57	43.84	231.92	6.23	182.28	257.96	387.91	334.83	PHASE
				1.93	.52	.38	.18	.21	.87	.83	.84	AMP
				34.78	331.91	198.38	158.97	187.44	179.82	78.95	33.61	PHASE
				2.45	.71	.38	.24	.26	.86	.86	.83	AMP
				29.67	331.61	181.14	144.61	143.21	128.72	63.48	335.44	PHASE
				3.84	.94	.54	.28	.47	.82	.85	.86	AMP
				32.32	342.54	185.61	147.11	147.48	181.15	94.37	355.84	PHASE
				3.76	1.39	.81	.37	.72	.88	.81	.85	AMP
				28.45	348.84	173.88	86.95	129.54	227.52	285.95	358.81	PHASE
				4.72	1.98	.95	.54	.82	.22	.89	.83	AMP
				26.58	348.17	169.87	47.74	111.31	223.48	264.25	316.46	PHASE
				6.45	1.58	1.51	1.51	2.41	1.16	.54	.18	AMP
				29.59	13.81	224.35	55.72	131.36	213.93	278.79	333.88	PHASE

TABLE VI.- Continued

(a) Continued

FLAPWISE 51 PERCENT RADIUS											
RUN NO 34											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
168	21.99	14.97	688	9.73	6.19	2.58	.58	.46	.91	.56	1.34
				148.52	321.68	334.63	315.93	85.64	84.87	283.54	114.69
169	24.58	16.61	688	9.89	6.16	3.88	.66	.59	1.18	.95	2.85
				145.48	319.78	338.27	313.59	86.56	85.86	171.28	186.91
178	26.89	18.98	688	18.14	6.19	4.78	.84	.72	1.48	1.51	2.62
				146.22	318.88	319.38	297.89	58.35	66.85	169.84	98.88
171	29.48	28.64	688	11.17	6.56	5.88	1.83	.97	1.67	1.78	2.71
				145.77	324.19	328.73	293.14	38.83	56.44	157.82	87.68
172	31.94	28.78	688	11.42	6.99	4.85	1.45	.97	1.58	1.32	2.54
				145.32	336.19	325.55	281.18	21.74	47.44	173.28	98.32
173	33.64	21.71	688	11.51	6.78	3.38	1.76	1.79	1.21	1.82	1.89
				143.69	331.83	238.31	255.88	2.58	42.68	158.89	117.98
174	33.48	23.15	688	9.98	18.91	5.81	.85	1.11	.33	2.78	1.35
				142.57	335.88	238.73	251.25	51.55	284.18	281.33	118.61
175	19.42	16.92	688	18.64	7.73	1.78	.33	.16	.79	.48	1.23
				131.85	316.88	6.36	312.33	188.86	54.58	276.22	189.86
176	16.91	18.66	688	18.53	8.93	2.34	.38	.35	.55	.53	.97
				138.87	328.36	68.48	326.18	191.51	88.42	327.22	168.88
177	16.92	18.85	688	18.64	8.67	2.13	.26	.44	.58	.36	.43
				131.63	389.86	42.87	287.48	186.17	84.63	351.88	134.64
178	19.63	17.81	688	11.84	7.65	2.38	.57	.29	.62	.29	.77
				137.75	387.99	9.19	272.89	156.44	88.72	299.24	144.56
179	22.16	17.34	688	11.42	6.71	3.24	.62	.26	.63	.39	.87
				148.68	383.69	352.88	279.82	128.98	78.73	294.58	146.34
188	24.77	16.49	688	11.88	5.77	4.37	1.87	.42	.91	.16	.46
				137.88	294.28	331.92	275.28	18.68	29.96	332.47	64.78
181	27.53	17.84	688	12.47	4.94	5.46	1.49	.69	1.17	.58	1.82
				148.66	291.48	328.84	285.39	17.53	38.35	63.86	2.19
182	38.19	19.87	688	13.82	5.24	5.66	1.27	.98	1.73	1.57	1.63
				141.88	297.95	318.38	277.44	29.95	34.86	38.33	356.16
183	32.83	19.76	688	13.88	5.51	2.48	1.16	.87	2.18	2.13	1.63
				139.33	388.11	323.82	182.96	1.83	.89	353.87	296.42
184	32.52	23.88	688	13.85	6.25	1.61	1.51	1.96	2.26	1.48	1.88
				139.11	312.96	211.49	216.76	15.78	39.89	68.89	295.78
185	32.65	25.82	688	11.95	18.17	4.48	1.28	2.26	.81	1.28	2.81
				138.11	326.96	249.83	249.54	49.12	77.62	224.52	272.85
186	21.99	14.86	689	18.35	6.76	1.95	.52	.14	.49	.28	.79
				136.76	333.91	27.38	319.48	117.62	93.83	228.64	118.59
187	24.78	15.84	689	18.99	6.34	2.57	.68	.26	.71	.64	1.36
				141.83	333.31	355.98	311.48	72.62	72.43	285.47	185.51
188	27.11	16.88	689	11.42	5.81	3.46	.76	.39	1.87	1.15	1.97
				141.31	328.76	327.93	284.82	36.14	49.92	168.36	68.98
189	29.79	18.91	689	11.98	5.47	4.16	.84	.66	1.39	1.56	2.48
				147.89	348.13	332.76	288.83	58.17	67.14	281.54	184.71
198	32.66	28.82	689	12.39	5.46	4.89	.91	.84	1.76	1.44	2.85
				147.18	345.68	324.21	268.34	38.87	49.98	185.69	88.82
191	34.98	22.48	689	12.28	5.44	1.11	1.51	1.25	2.89	2.32	3.68
				149.92	18.82	276.34	242.81	36.46	73.85	171.37	189.55
192	35.76	24.88	689	11.91	5.77	3.28	1.55	1.48	1.51	3.81	3.32
				145.86	3.81	222.18	238.47	47.15	71.28	166.83	91.38
193	24.67	13.88	689	9.24	5.18	2.18	.41	.11	.19	.34	.78
				145.65	342.34	2.64	388.68	191.78	83.17	248.89	138.79
194	27.83	14.25	689	9.96	4.85	2.76	.43	.85	.26	.63	.88
				143.39	336.32	338.56	287.37	276.62	53.13	186.78	71.68
196	29.77	15.52	689	18.39	4.84	3.33	.46	.18	.38	.79	.98
				147.97	345.57	331.64	285.17	39.16	46.15	199.89	75.78
197	32.68	17.54	689	18.76	4.98	3.79	.69	.35	.79	1.18	1.38
				148.89	347.68	312.68	254.83	48.18	14.55	198.28	31.22
198	35.78	18.61	689	11.36	5.62	3.92	.96	.39	.97	1.32	1.41
				146.98	349.43	296.63	248.56	18.18	354.55	167.78	3.98
199	36.69	28.18	689	11.49	5.15	3.53	1.29	1.87	1.18	1.88	1.45
				158.62	2.62	272.87	264.86	32.57	38.91	157.46	23.28

TABLE VI.- Continued

(a) Continued

CHORDWISE 51 PERCENT RADIUS											
RUN NO 34											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
168	41.98	38.81	688	14.24	3.57	1.64	2.88	7.14	1.34	3.31	1.46
				297.28	138.88	275.64	355.79	265.87	175.12	22.51	117.84
169	48.61	46.28	688	21.26	5.36	3.87	5.87	5.86	18.89	7.27	2.73
				322.84	133.24	198.15	347.71	278.41	146.94	88.85	64.51
178	39.34	52.33	688	29.21	5.88	7.45	6.95	2.94	11.61	3.99	4.11
				329.75	138.61	281.14	329.81	252.94	113.47	91.55	64.29
171	36.94	73.94	688	48.52	5.98	11.22	8.94	4.13	15.75	.67	5.43
				338.54	138.34	214.58	338.78	138.35	92.22	381.17	64.28
172	36.13	88.36	688	58.98	3.27	12.86	7.93	9.21	6.73	8.64	7.18
				344.89	141.88	238.85	342.55	139.58	73.84	338.86	68.97
173	33.91	118.18	688	61.41	3.25	7.32	2.47	26.58	24.74	14.37	3.56
				356.81	281.91	239.73	285.13	169.66	136.97	141.26	61.84
174	34.65	135.38	688	63.73	11.28	5.39	6.62	22.89	33.57	12.84	6.88
				4.95	238.95	268.55	234.18	218.45	224.93	197.86	61.53
175	34.78	31.98	688	9.77	2.46	2.77	2.86	6.33	13.93	2.32	6.69
				274.32	148.85	265.84	38.66	266.59	188.55	38.59	68.81
176	35.43	25.57	688	5.61	1.49	.59	2.38	7.18	9.36	.91	.63
				262.71	185.48	296.96	72.88	291.86	182.17	183.17	156.78
177	35.55	27.85	688	9.88	2.36	2.58	2.66	4.25	9.87	1.77	.27
				262.86	115.36	246.66	68.13	287.43	198.51	64.88	165.29
178	34.78	32.58	688	15.73	4.53	2.81	2.12	5.45	9.88	1.72	1.42
				288.57	127.57	296.81	63.76	263.42	385.28	37.88	112.37
179	33.53	41.51	688	21.82	7.36	1.97	2.78	7.11	3.75	5.15	.35
				387.79	124.13	244.84	15.92	287.65	64.94	66.54	51.42
188	31.83	45.52	688	29.83	9.17	4.74	5.38	5.52	1.58	4.98	1.56
				313.84	113.41	288.22	333.33	279.18	182.48	53.32	6.89
181	28.89	64.51	688	39.26	12.44	10.63	7.55	2.34	5.44	3.54	2.58
				333.15	189.18	211.38	321.81	19.83	48.81	193.46	.35
182	26.38	84.26	688	58.54	13.33	15.54	9.77	6.11	7.46	5.94	3.66
				343.53	112.83	227.89	315.78	176.68	148.17	292.54	8.86
183	26.13	93.93	688	58.91	9.89	12.93	5.89	5.87	12.83	13.54	3.83
				348.18	116.18	248.31	346.92	178.43	311.76	338.29	31.29
184	27.12	97.64	688	62.61	6.45	9.47	3.41	14.97	13.63	16.33	3.29
				352.58	136.82	268.96	23.62	159.62	86.39	184.78	289.37
185	28.75	135.99	688	63.83	6.17	18.54	3.86	29.53	33.96	27.38	6.28
				357.41	219.82	275.76	282.38	282.85	211.57	284.49	279.58
186	33.42	24.16	689	9.28	2.57	2.88	2.44	6.48	4.63	2.81	.97
				289.96	166.85	389.55	2.83	268.62	231.88	58.45	116.18
187	32.38	37.54	689	17.93	3.41	1.38	5.19	7.43	11.79	5.39	1.93
				328.83	155.32	238.63	358.93	261.31	162.75	97.33	76.91
188	31.79	44.76	689	26.84	3.43	4.35	6.17	4.35	18.89	5.98	2.95
				327.76	147.73	286.34	337.51	222.92	133.39	182.83	57.14
189	31.18	59.61	689	36.68	3.83	8.37	6.62	4.83	11.65	3.85	3.16
				341.88	148.68	222.38	355.85	179.83	113.99	175.55	74.26
198	29.29	73.48	689	49.16	1.91	12.86	7.22	8.59	11.38	5.15	3.96
				348.33	121.88	228.98	347.22	171.39	69.75	347.11	68.34
191	28.98	187.59	689	68.98	.76	7.25	4.47	16.19	16.19	27.49	4.38
				358.49	314.23	254.28	58.12	159.57	95.57	181.54	75.18
192	38.23	121.71	689	63.67	4.34	3.98	1.84	25.66	27.79	18.83	6.34
				357.92	285.18	231.39	171.22	178.51	143.78	125.18	56.23
193	32.57	34.24	689	18.88	2.39	.53	3.97	5.34	9.87	2.69	.94
				328.94	164.52	223.98	18.65	289.59	178.84	111.82	91.36
194	32.85	36.56	689	18.14	2.28	3.14	5.85	3.38	7.52	3.79	1.98
				332.37	166.51	196.56	356.61	239.87	169.21	189.62	53.94
196	31.49	44.91	689	28.11	1.97	6.34	6.27	3.85	3.82	1.78	2.88
				341.31	194.88	212.33	6.47	199.96	162.76	178.97	79.86
197	38.58	57.86	689	41.12	1.29	18.77	7.89	8.57	7.32	2.12	1.64
				345.22	244.12	289.79	353.95	159.13	29.48	326.24	28.54
198	29.83	74.28	689	54.63	3.85	13.18	7.21	11.74	13.58	4.18	2.53
				347.19	274.84	285.35	342.27	151.67	16.88	354.88	319.65
199	29.71	95.84	689	68.88	4.86	18.98	4.42	17.87	23.23	11.64	4.52
				357.58	281.53	212.17	354.18	166.32	91.99	88.48	1.87

TABLE VI.- Continued

(a) Continued

TORSION 5# PERCENT RADIUS												
RUN NO 34												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
168	.44	2.26	688	1.58	.28	.21	.16	.55	.17	.82	.18	AMP
				46.14	318.34	97.48	177.35	196.39	148.59	164.75	89.89	PHASE
169	-.82	3.11	688	1.98	.35	.21	.28	.67	.16	.84	.16	AMP
				48.87	353.28	121.25	171.92	191.15	148.93	124.39	71.14	PHASE
170	-.42	4.18	688	2.35	.65	.26	.44	.83	.85	.84	.18	AMP
				46.75	358.65	145.56	166.24	178.38	176.52	68.83	41.32	PHASE
171	-.79	4.74	688	2.96	.95	.58	.68	.88	.17	.89	.19	AMP
				47.82	4.28	162.14	169.18	175.99	341.16	47.57	48.11	PHASE
172	-1.35	7.85	688	3.99	1.67	1.36	1.15	.72	.78	.27	.18	AMP
				48.46	25.63	178.48	221.19	252.95	7.87	84.58	128.52	PHASE
173	-3.43	13.38	688	6.59	1.38	2.29	.77	1.53	1.77	1.47	.69	AMP
				29.91	52.86	246.74	16.17	167.55	273.77	338.91	51.88	PHASE
174	-5.39	17.78	688	8.49	1.57	3.23	1.41	3.22	4.22	2.29	.56	AMP
				21.78	7.97	276.18	314.24	272.79	332.58	38.87	38.58	PHASE
175	.18	1.74	688	1.23	.33	.25	.85	.31	.89	.87	.89	AMP
				37.57	256.83	91.51	251.41	177.46	156.59	91.59	76.75	PHASE
176	.67	1.68	688	.95	.52	.37	.82	.15	.89	.87	.86	AMP
				31.63	253.19	124.13	181.21	221.88	165.99	53.35	136.79	PHASE
177	.68	1.98	688	1.19	.65	.39	.14	.84	.85	.11	.83	AMP
				32.81	242.55	116.16	94.98	247.14	187.58	46.51	45.87	PHASE
178	.13	2.15	688	1.45	.56	.47	.25	.22	.11	.85	.89	AMP
				39.99	251.21	182.18	92.88	286.18	88.88	345.89	55.32	PHASE
179	-.33	2.22	688	1.68	.36	.56	.38	.36	.89	.88	.13	AMP
				45.64	259.64	186.79	125.88	195.76	138.64	.43	62.49	PHASE
180	-.79	2.54	688	1.96	.28	.54	.42	.54	.86	.18	.16	AMP
				43.85	291.41	99.74	124.68	159.85	38.22	354.67	16.85	PHASE
181	-1.23	3.83	688	2.38	.36	.83	.66	.54	.32	.24	.11	AMP
				44.18	38.83	113.81	146.18	184.93	7.61	37.91	58.82	PHASE
182	-1.52	4.41	688	2.92	.66	.98	.28	.21	.53	.23	.82	AMP
				45.84	31.12	132.88	166.95	181.38	63.15	138.29	178.86	PHASE
183	-2.52	18.79	688	4.34	1.24	1.57	1.45	1.49	1.35	.81	.28	AMP
				29.96	44.78	193.34	296.33	36.86	85.92	153.42	219.52	PHASE
184	-3.67	13.32	688	5.98	1.18	2.88	1.58	2.51	1.92	1.39	.65	AMP
				25.28	54.89	243.79	358.17	127.35	214.81	286.28	12.85	PHASE
185	-5.37	16.58	688	7.98	1.84	2.35	1.38	2.49	4.29	3.33	1.42	AMP
				17.66	19.98	282.29	355.78	233.68	316.72	21.88	82.95	PHASE
186	-.37	1.95	689	1.49	.45	.17	.13	.23	.86	.83	.86	AMP
				47.23	315.47	188.75	152.13	185.76	136.28	42.24	86.82	PHASE
187	-.81	2.63	689	1.96	.68	.34	.29	.34	.87	.84	.89	AMP
				47.89	329.14	187.95	178.23	187.24	185.56	128.87	58.78	PHASE
188	-1.23	3.11	689	2.48	.71	.44	.48	.44	.85	.84	.13	AMP
				43.85	333.14	176.36	168.81	167.96	124.62	181.55	34.22	PHASE
189	-1.65	3.94	689	2.98	.88	.62	.52	.78	.14	.85	.15	AMP
				46.82	354.87	187.87	177.31	198.52	23.29	161.32	83.59	PHASE
190	-2.88	5.37	689	3.61	1.28	.94	.68	.57	.31	.86	.15	AMP
				44.21	7.34	179.77	174.14	283.78	22.13	112.84	93.66	PHASE
191	-2.89	18.18	689	5.49	1.47	1.85	.68	.75	.58	.59	.32	AMP
				42.88	51.13	232.34	353.25	151.99	261.11	386.86	49.64	PHASE
192	-3.69	11.84	689	6.77	1.36	2.29	.41	1.33	1.62	.91	.37	AMP
				38.89	48.22	248.81	356.84	216.98	299.45	348.65	42.33	PHASE
193	-.56	2.89	689	1.67	.46	.28	.15	.18	.84	.82	.85	AMP
				58.28	338.94	286.84	174.19	289.61	192.77	96.56	81.81	PHASE
194	-.99	2.58	689	2.86	.57	.26	.28	.21	.84	.86	.84	AMP
				45.18	329.85	196.84	163.85	168.45	113.88	184.88	7.43	PHASE
196	-1.46	3.23	689	2.53	.71	.37	.23	.38	.82	.85	.89	AMP
				46.75	348.95	199.81	173.91	173.18	15.38	131.56	33.86	PHASE
197	-1.98	3.87	689	3.86	.99	.55	.28	.59	.87	.82	.89	AMP
				42.56	348.87	185.92	127.68	154.65	295.73	168.28	6.83	PHASE
198	-2.16	4.62	689	3.73	1.38	.88	.34	.64	.19	.85	.87	AMP
				48.89	351.25	177.32	84.46	136.48	264.24	248.37	333.65	PHASE
199	-2.82	9.54	689	5.88	.98	1.88	1.83	1.85	1.88	.42	.19	AMP
				41.18	18.48	241.85	84.38	168.23	257.81	313.13	9.47	PHASE

TABLE VI.- Continued

(a) Continued

FLAPWISE 77 PERCENT RADIUS											
RUN NO 34											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
168	4.5#	19.57	688	9.26	5.68	2.74	1.84	4.79	.45	.74	1.72
				141.69	297.88	358.53	38.48	149.12	189.82	.14	298.65
169	7.18	21.48	688	9.13	6.19	3.78	2.54	5.84	.67	1.45	AMP
				147.29	289.23	352.37	24.42	147.45	198.28	341.98	284.83
170	9.9#	24.43	688	9.57	6.28	4.47	3.16	6.93	.77	2.84	3.13
				148.75	283.24	349.15	19.54	138.88	172.97	336.47	268.37
171	12.64	27.22	688	10.77	6.28	5.22	3.59	7.78	1.24	2.59	3.27
				147.95	288.82	356.18	32.38	125.88	185.85	319.86	271.19
172	15.47	28.84	688	11.18	6.34	5.67	3.88	7.51	1.53	2.38	3.82
				150.33	303.17	18.88	28.57	134.85	285.12	323.33	279.18
173	17.53	26.94	688	11.59	6.56	3.98	3.45	5.72	1.69	3.88	AMP
				154.22	314.37	56.49	34.19	118.84	284.88	388.69	389.21
174	17.29	26.52	688	10.69	10.28	3.87	3.37	4.83	2.12	2.82	2.23
				156.95	338.83	86.68	2.68	147.36	226.14	348.11	298.64
175	1.41	18.33	688	10.33	6.52	2.27	.88	3.58	.38	.26	1.75
				131.97	386.79	357.31	31.92	125.17	143.98	91.28	283.87
176	-1.11	18.19	688	10.77	7.49	1.82	.59	2.34	.23	.41	1.42
				131.54	328.87	22.35	186.28	158.25	131.28	139.38	329.46
177	-1.85	18.85	688	10.16	7.68	1.72	.11	2.98	.63	.41	.67
				132.66	382.82	18.29	97.14	163.26	132.52	146.77	388.94
178	1.84	19.84	688	9.78	7.38	2.46	1.11	3.48	.55	.29	1.19
				138.11	295.27	7.55	44.33	156.68	125.96	115.45	317.26
179	4.4#	28.61	688	9.49	7.82	3.19	2.83	3.86	.83	.26	1.26
				142.29	287.87	4.37	48.83	149.48	137.91	186.71	318.77
180	7.85	28.7#	688	9.49	6.53	4.12	3.35	4.83	.86	.33	.84
				148.68	275.27	355.92	38.73	111.93	126.78	236.44	252.39
181	18.22	22.47	688	9.71	6.18	5.88	3.72	4.95	.77	1.89	.92
				144.71	272.28	358.53	43.98	117.79	167.53	266.34	187.53
182	12.94	23.62	688	10.83	6.89	4.38	3.15	4.99	.96	1.76	1.65
				152.18	276.78	356.88	46.84	123.68	192.66	245.15	165.78
183	15.41	24.87	688	11.17	7.42	3.55	3.16	3.35	.68	1.29	2.88
				155.84	276.95	12.13	19.66	87.85	248.98	195.99	99.72
184	16.35	27.94	688	12.89	7.65	3.48	2.77	6.13	.76	2.32	1.85
				157.42	288.28	65.22	61.78	91.13	237.87	263.55	89.75
185	16.56	25.88	688	10.83	8.97	3.52	2.24	6.28	1.45	1.77	2.32
				156.52	323.86	186.17	181.56	189.32	235.18	338.88	74.33
186	3.41	15.53	689	10.86	5.61	2.66	.63	2.86	.33	.28	.96
				138.31	321.83	11.79	65.35	151.19	143.23	37.39	297.15
187	6.16	18.86	689	10.61	5.48	3.69	1.56	4.23	.59	.84	1.59
				142.56	389.99	5.84	44.18	145.94	171.79	2.87	281.87
188	8.84	22.31	689	11.81	5.34	4.58	2.69	6.85	.62	1.58	2.34
				141.69	292.61	351.31	24.85	123.86	162.14	324.33	245.33
189	11.83	26.67	689	11.65	5.29	5.39	3.67	7.88	.82	1.89	2.69
				148.89	291.47	3.51	37.11	143.52	189.18	354.18	288.44
190	15.21	29.21	689	12.56	5.86	5.94	4.74	8.43	1.82	1.94	3.18
				149.79	286.14	2.78	26.98	136.11	191.68	332.16	266.79
191	18.23	31.38	689	13.49	4.37	5.86	4.86	8.58	1.85	3.82	3.93
				157.36	384.44	31.63	39.82	143.44	218.43	338.88	287.72
192	18.91	31.61	689	12.89	4.76	3.41	3.71	9.86	1.53	4.53	3.62
				157.43	312.49	38.37	15.81	138.62	283.37	326.98	272.95
193	6.31	14.25	689	8.93	4.13	2.53	.91	2.23	.36	.49	AMP
				146.88	323.81	18.92	54.97	164.88	132.98	52.78	314.78
194	8.86	16.82	689	9.32	3.94	3.11	1.34	3.32	.31	.88	.98
				143.88	383.84	353.98	23.32	138.24	98.73	352.25	254.32
196	11.81	18.24	689	9.78	4.16	3.91	1.95	4.17	.38	.93	1.15
				147.28	296.73	359.56	23.75	134.18	124.66	354.98	251.86
197	15.28	21.46	689	10.12	4.87	4.53	2.71	5.53	.22	.97	1.45
				147.25	288.66	351.12	1.59	116.83	93.28	346.32	284.34
198	18.67	23.22	689	11.88	4.14	4.64	3.31	6.22	.18	1.89	1.54
				147.37	278.83	342.48	344.58	182.39	92.14	331.28	167.76
199	28.82	26.61	689	11.66	3.98	3.88	3.16	8.77	.53	1.75	1.73
				156.89	282.78	359.75	359.82	116.82	179.28	315.85	182.18

TABLE VI.- Continued

(a) Continued

CHORDWISE 77 PERCENT RADIUS												
RUN NO 34												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
168	68.26	13.65	608	2.84	2.61	1.71	2.11	2.95	.98	1.61	.58	AMP
				184.48	293.88	334.89	4.38	185.98	157.26	11.14	287.67	PHASE
169	61.68	21.36	608	1.47	2.82	1.49	3.43	3.84	5.82	3.84	1.38	AMP
				238.87	281.88	388.12	353.35	158.49	148.36	63.99	322.28	PHASE
170	63.38	28.45	608	2.27	1.56	2.16	4.42	4.31	6.88	1.54	1.38	AMP
				292.84	275.69	271.68	338.44	126.88	111.34	68.77	389.91	PHASE
171	65.55	28.33	608	4.82	1.38	3.34	5.16	6.88	7.67	1.49	1.71	AMP
				328.69	381.45	264.32	339.16	189.89	95.11	291.21	324.89	PHASE
172	67.14	29.44	608	5.97	1.84	4.83	5.58	8.12	3.68	4.87	2.32	AMP
				334.45	335.21	261.25	342.81	118.55	99.48	313.56	349.75	PHASE
173	67.52	48.43	608	9.17	2.21	3.56	2.52	12.62	18.49	3.31	3.47	AMP
				18.26	267.95	263.49	13.87	146.46	138.28	143.61	349.87	PHASE
174	67.18	68.51	608	11.15	6.21	3.24	2.92	7.96	13.63	3.91	2.52	AMP
				4.56	284.21	281.89	384.77	284.18	219.37	281.84	8.44	PHASE
175	53.18	18.56	608	5.77	3.92	1.45	1.47	1.73	5.64	.89	.97	AMP
				152.39	384.58	332.26	21.11	188.83	178.36	34.67	289.87	PHASE
176	51.27	15.27	608	5.77	5.11	1.37	.98	1.75	3.65	.59	.67	AMP
				148.92	321.88	25.78	88.89	242.24	172.59	138.98	332.71	PHASE
177	52.89	16.85	608	5.16	4.81	.75	.83	1.85	4.18	.76	.38	AMP
				153.61	382.11	348.69	64.61	285.72	175.18	84.74	298.56	PHASE
178	54.32	17.16	608	3.58	3.66	1.75	1.32	2.68	3.28	.72	.41	AMP
				177.17	289.84	345.42	46.37	195.52	297.92	46.88	349.88	PHASE
179	56.23	16.21	608	2.11	2.38	1.55	2.84	1.75	1.97	2.32	1.87	AMP
				213.31	273.34	341.19	24.61	281.29	88.95	65.78	326.98	PHASE
180	58.82	17.82	608	2.26	1.26	1.57	3.13	.97	1.45	1.84	1.82	AMP
				263.56	238.57	386.84	355.48	118.69	97.49	47.44	312.68	PHASE
181	68.26	19.13	608	3.77	1.31	2.57	3.82	3.42	2.65	1.76	.66	AMP
				319.99	146.93	265.38	348.98	84.36	57.12	288.21	357.84	PHASE
182	62.12	24.31	608	6.87	1.42	5.85	4.68	4.48	3.97	3.81	.91	AMP
				335.96	127.38	249.41	326.88	122.24	138.95	265.58	54.88	PHASE
183	64.13	33.61	608	8.43	1.43	5.24	5.22	3.78	3.87	4.86	2.75	AMP
				345.89	135.76	253.78	339.28	85.87	389.39	325.88	63.44	PHASE
184	64.93	39.56	608	9.32	2.88	4.83	3.87	9.25	4.28	4.43	.58	AMP
				356.25	212.93	278.54	38.91	121.89	91.87	94.89	185.86	PHASE
185	64.81	56.92	608	18.14	5.44	4.43	1.75	11.28	12.91	8.97	.88	AMP
				357.28	292.85	293.82	63.41	176.76	212.42	195.98	44.24	PHASE
186	54.12	13.29	609	4.86	3.26	2.14	1.17	2.88	1.86	.93	.34	AMP
				156.11	317.66	354.66	9.48	224.68	215.68	53.48	387.65	PHASE
187	55.48	16.12	609	1.85	2.62	1.97	2.61	2.98	5.32	2.33	.64	AMP
				176.77	318.87	351.82	358.33	191.32	154.16	83.72	322.97	PHASE
188	57.67	17.51	609	.79	2.16	1.88	3.56	3.93	4.97	2.11	.68	AMP
				264.15	296.58	313.63	345.24	133.36	123.99	87.97	272.84	PHASE
189	68.41	22.83	609	2.78	1.59	2.38	4.35	6.54	5.88	.85	1.35	AMP
				327.12	389.85	291.83	.98	139.73	113.52	172.31	386.85	PHASE
190	63.29	23.21	609	5.88	1.58	3.46	5.29	7.64	5.47	2.61	1.57	AMP
				341.98	342.65	266.87	348.98	133.94	77.75	338.68	298.78	PHASE
191	64.92	39.97	609	8.47	1.86	2.54	4.64	11.61	11.66	5.33	2.66	AMP
				.76	288.68	276.46	25.87	138.27	97.88	82.35	316.63	PHASE
192	65.61	58.11	609	9.56	1.23	2.11	2.26	13.94	12.39	4.98	3.18	AMP
				3.24	383.29	253.85	354.84	153.84	139.99	187.87	331.41	PHASE
193	55.49	15.24	609	2.38	2.11	1.57	1.88	1.67	3.81	1.34	.48	AMP
				157.77	323.89	2.17	19.17	238.34	168.58	96.63	358.91	PHASE
194	57.11	11.38	609	.49	1.86	1.24	2.63	2.18	3.21	1.55	.48	AMP
				189.84	385.98	321.18	358.25	152.87	155.28	87.83	347.23	PHASE
196	59.17	13.23	609	1.92	1.88	1.64	3.48	3.46	1.78	.39	.88	AMP
				338.17	385.42	294.14	4.88	143.97	137.28	147.89	131.84	PHASE
197	61.79	17.88	609	4.87	1.92	2.88	4.29	6.88	3.18	1.23	.56	AMP
				334.24	315.27	252.71	345.46	124.75	35.32	334.49	228.77	PHASE
198	64.15	23.76	609	7.54	2.74	3.73	4.67	7.85	5.62	2.88	.88	AMP
				335.44	321.53	233.67	328.19	116.98	18.88	348.38	227.72	PHASE
199	65.99	35.48	609	8.52	1.92	3.65	3.57	18.67	18.83	4.37	1.18	AMP
				355.26	388.27	241.68	349.78	133.88	98.63	64.42	322.62	PHASE

TABLE VI.- Continued

(a) Continued

TORSION 75 PERCENT RADIUS												
RUN NO 34												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
168	-2.51	1.68	688	1.84	.12	.13	.15	.22	.12	.83	.89	AMP
				183.81	184.56	188.83	175.23	281.71	112.11	142.18	93.98	PHASE
169	-2.74	2.89	688	1.38	.16	.21	.26	.27	.17	.89	.14	AMP
				98.32	53.15	128.46	169.48	198.32	115.47	118.85	81.48	PHASE
178	-2.94	2.73	688	1.61	.28	.27	.39	.35	.83	.13	.17	AMP
				78.78	28.56	126.17	163.96	176.96	62.57	181.25	69.64	PHASE
171	-3.88	3.32	688	2.85	.48	.48	.54	.41	.18	.22	.21	AMP
				72.92	11.23	135.93	167.89	188.38	349.69	88.89	94.36	PHASE
172	-3.35	5.83	688	2.77	.98	.98	.98	.48	.52	.36	.21	AMP
				59.95	37.21	163.11	213.27	277.89	18.13	112.36	123.43	PHASE
173	-4.88	7.18	688	3.78	1.48	1.16	.67	.12	.54	.54	.48	AMP
				43.76	47.28	194.88	256.67	115.28	277.48	334.68	96.73	PHASE
174	-4.98	18.89	688	4.45	1.55	1.42	1.55	1.19	1.66	.84	.27	AMP
				31.23	34.85	229.48	279.34	292.87	331.91	35.95	215.88	PHASE
175	-2.45	1.28	688	.87	.15	.89	.88	.11	.87	.89	.86	AMP
				116.94	153.74	126.86	148.58	199.76	183.86	13.82	184.94	PHASE
176	-2.19	1.21	688	.78	.16	.17	.89	.18	.11	.14	.85	AMP
				139.53	189.28	173.22	115.18	246.69	128.85	12.32	154.73	PHASE
177	-2.19	1.18	688	.69	.21	.18	.11	.11	.85	.11	.82	AMP
				119.45	184.78	156.73	99.38	289.48	168.81	26.61	98.29	PHASE
178	-2.51	1.39	688	.84	.18	.14	.14	.88	.84	.84	.86	AMP
				183.47	182.68	189.45	188.31	236.61	63.71	3.77	48.32	PHASE
179	-2.77	1.69	688	1.85	.12	.25	.17	.15	.82	.88	.88	AMP
				94.65	161.33	118.48	131.36	215.96	118.94	348.22	61.46	PHASE
188	-3.81	2.85	688	1.28	.87	.38	.27	.24	.85	.18	.18	AMP
				83.19	98.29	185.98	127.58	163.21	344.66	357.33	18.84	PHASE
181	-3.21	2.63	688	1.58	.17	.49	.46	.38	.21	.22	.89	AMP
				78.95	58.86	118.86	133.91	181.68	356.51	44.28	52.89	PHASE
182	-3.27	3.49	688	2.82	.32	.64	.31	.89	.45	.38	.84	AMP
				74.44	45.86	118.61	135.78	38.93	45.25	94.34	193.27	PHASE
183	-3.72	6.51	688	2.68	.72	.88	.77	.81	.83	.45	.24	AMP
				53.41	54.82	175.89	273.88	19.25	74.45	141.43	236.95	PHASE
184	-4.13	7.29	688	3.34	1.88	.82	.55	.88	.79	.51	.23	AMP
				43.21	51.44	283.45	291.48	115.86	192.29	278.59	6.42	PHASE
185	-4.88	18.54	688	4.32	1.59	.93	1.38	.81	1.53	1.84	.25	AMP
				38.56	42.11	216.57	285.84	263.51	316.84	13.82	198.23	PHASE
186	-2.67	1.39	689	1.88	.86	.13	.89	.86	.85	.83	.86	AMP
				112.86	59.22	196.15	152.84	194.16	111.82	48.52	72.55	PHASE
187	-2.89	1.63	689	1.24	.12	.22	.21	.12	.84	.84	.86	AMP
				94.88	2.41	177.79	174.71	289.14	122.72	187.89	67.86	PHASE
188	-3.88	1.88	689	1.58	.21	.28	.33	.16	.86	.87	.11	AMP
				81.23	353.71	168.18	165.17	184.11	51.39	81.62	45.66	PHASE
189	-3.28	2.42	689	1.85	.32	.36	.45	.33	.14	.18	.16	AMP
				78.24	7.49	166.81	181.76	288.75	7.23	123.87	92.88	PHASE
198	-3.41	2.97	689	2.39	.57	.54	.54	.28	.28	.13	.16	AMP
				69.87	17.43	157.98	176.22	228.42	19.68	128.96	83.84	PHASE
191	-3.64	5.61	689	2.97	1.88	.79	.68	.24	.14	.34	.31	AMP
				61.57	35.63	195.75	264.86	6.44	285.23	263.82	59.95	PHASE
192	-4.89	6.28	689	3.43	1.48	.99	.83	.48	.63	.31	.32	AMP
				46.98	33.75	213.16	275.66	385.87	318.36	2.41	95.95	PHASE
193	-2.84	1.48	689	1.15	.11	.13	.11	.86	.81	.81	.84	AMP
				187.14	21.98	282.57	181.62	226.51	181.88	36.99	188.52	PHASE
194	-3.84	1.65	689	1.36	.18	.17	.17	.85	.82	.84	.84	AMP
				98.26	357.57	182.74	172.79	185.26	113.91	185.82	29.51	PHASE
196	-3.25	1.98	689	1.64	.26	.23	.24	.13	.83	.86	.88	AMP
				83.87	367.87	185.68	179.32	165.52	321.88	128.88	29.38	PHASE
197	-3.46	2.43	689	2.81	.42	.29	.29	.21	.86	.86	.88	AMP
				72.24	358.72	165.11	151.58	146.66	278.88	138.56	4.57	PHASE
198	-3.58	2.86	689	2.49	.66	.31	.28	.22	.16	.86	.87	AMP
				65.83	.88	142.81	123.13	118.88	222.98	173.89	3.89	PHASE
199	-3.66	4.29	689	2.73	.96	.48	.23	.52	.62	.29	.18	AMP
				68.88	21.67	173.78	148.88	143.53	244.91	389.98	49.72	PHASE

TABLE VI.- Continued

(a) Concluded

PITCH LINK												
RUN NO 34												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
168	-2.59	4.41	608	3.36	.26	.38	.27	.85	.37	.89	.28	AMP
				218.15	147.28	387.48	343.16	64.19	41.16	188.98	84.52	PHASE
169	-2.18	5.51	608	3.98	.68	.32	.46	.98	.49	.13	.44	AMP
				211.72	198.58	347.87	345.58	55.99	36.82	155.26	76.32	PHASE
170	-1.61	7.47	608	4.97	1.13	.52	.64	1.26	.49	.23	.55	AMP
				211.63	191.98	2.65	342.33	37.41	28.67	118.78	63.11	PHASE
171	-1.26	9.51	608	6.33	1.68	1.13	.71	1.45	.36	.44	.68	AMP
				215.37	198.82	12.91	1.58	49.28	26.86	114.71	66.34	PHASE
172	-.62	15.18	608	8.62	2.88	2.48	1.33	1.81	.23	.46	.95	AMP
				212.31	289.87	13.58	42.88	81.77	189.87	148.26	55.44	PHASE
173	1.26	24.66	608	13.33	2.32	4.14	1.11	3.81	2.68	2.43	.46	AMP
				288.43	221.87	58.64	288.42	.48	62.92	147.65	133.98	PHASE
174	3.81	38.86	608	16.44	2.55	5.18	.93	5.38	5.31	3.68	.65	AMP
				285.89	184.49	79.38	158.92	71.65	137.65	194.72	143.83	PHASE
175	-2.83	3.84	608	2.61	.66	.48	.18	.49	.35	.28	.18	AMP
				215.28	68.27	287.23	188.32	59.93	19.96	322.39	72.89	PHASE
176	-3.27	3.91	608	2.84	1.11	.73	.26	.35	.38	.24	.89	AMP
				213.63	64.91	288.81	283.88	188.73	61.96	348.83	122.88	PHASE
177	-3.63	4.11	608	2.41	1.16	.77	.28	.27	.17	.17	.88	AMP
				211.88	55.43	288.41	235.48	152.82	88.22	357.69	78.64	PHASE
178	-3.82	4.83	608	3.15	.78	.81	.34	.35	.11	.87	.13	AMP
				288.89	59.16	298.27	258.93	182.27	96.53	343.19	67.18	PHASE
179	-2.49	4.97	608	3.85	.23	.86	.36	.55	.19	.14	.14	AMP
				213.88	52.68	384.25	319.37	78.74	44.83	286.58	81.15	PHASE
180	-1.89	6.57	608	4.78	.44	.79	.46	.77	.22	.89	.16	AMP
				212.14	239.83	382.43	327.21	32.77	356.37	274.21	334.86	PHASE
181	-1.24	8.67	608	5.77	1.36	1.86	.68	.88	.86	.16	.29	AMP
				287.39	249.39	328.83	355.73	56.97	2.22	1.21	347.29	PHASE
182	-.43	12.34	608	7.99	1.77	1.54	.45	.44	.68	.47	.55	AMP
				287.57	244.36	12.65	187.71	51.91	351.15	38.43	349.15	PHASE
183	.87	28.48	608	11.84	1.92	3.22	1.87	.52	1.36	1.36	.71	AMP
				283.94	245.91	36.84	132.14	195.21	289.79	328.84	348.93	PHASE
184	1.99	26.86	608	13.54	1.43	4.84	2.75	3.19	3.24	2.83	.24	AMP
				284.15	242.48	62.37	181.76	333.87	21.77	89.53	225.51	PHASE
185	3.74	32.68	608	15.58	2.28	4.59	1.92	5.77	5.38	4.48	2.86	AMP
				283.19	197.38	98.69	288.51	48.75	118.22	191.33	246.48	PHASE
186	-1.78	3.96	609	3.15	.78	.29	.11	.44	.23	.87	.19	AMP
				229.88	123.24	35.31	268.43	79.39	25.89	48.74	63.97	PHASE
187	-1.35	4.83	609	3.62	.84	.55	.27	.66	.43	.86	.21	AMP
				228.86	143.33	43.79	333.41	74.42	39.24	127.82	67.92	PHASE
188	-.95	5.98	609	4.42	1.82	.68	.41	.88	.51	.83	.38	AMP
				219.75	157.36	38.54	336.79	56.28	17.45	159.88	38.59	PHASE
189	-.59	7.55	609	5.45	1.28	1.82	.68	1.34	.47	.17	.51	AMP
				221.97	178.36	32.28	354.88	78.66	39.87	176.48	76.21	PHASE
190	-.27	18.82	609	7.28	2.16	1.77	.78	1.45	.49	.35	.69	AMP
				219.59	198.86	28.88	352.41	78.33	39.71	187.21	62.23	PHASE
191	.69	17.32	609	18.62	2.54	3.23	.71	.59	1.26	1.31	1.87	AMP
				219.72	217.77	58.48	288.54	42.41	49.63	148.71	114.89	PHASE
192	1.52	21.11	609	12.98	2.51	3.97	.83	2.39	2.23	2.11	1.86	AMP
				215.73	289.99	56.67	244.61	47.48	85.69	161.86	93.59	PHASE
193	-1.18	3.84	609	3.83	.65	.39	.12	.45	.14	.88	.14	AMP
				221.41	145.73	42.89	338.71	96.87	48.86	253.42	97.38	PHASE
194	-.67	5.87	609	3.84	.88	.55	.28	.49	.25	.86	.18	AMP
				221.64	153.43	48.15	351.95	62.46	18.35	251.39	41.68	PHASE
196	-.27	6.26	609	4.83	1.88	.75	.23	.75	.28	.81	.19	AMP
				224.25	166.48	46.81	348.43	64.73	18.17	172.53	25.88	PHASE
197	-.83	7.88	609	5.99	1.65	1.18	.41	.99	.44	.26	.34	AMP
				219.63	168.68	26.58	288.17	37.14	2.47	167.31	11.14	PHASE
198	.88	9.98	609	7.84	2.43	1.61	.78	1.85	.49	.58	.42	AMP
				216.88	168.48	17.73	252.39	18.68	2.97	141.67	356.48	PHASE
199	.56	16.61	609	9.95	2.88	2.15	1.66	2.55	1.48	1.13	2.43	AMP
				217.61	179.36	47.17	255.33	6.32	38.57	136.36	28.83	PHASE

TABLE VI.- Continued

(b) $\mu = 0.30$; $M_T = 0.62$

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CW/SIGMA
203	-.3	2.5	-.4	.03210	.00111	.00136
204	-.9	3.5	1.6	.04756	.00086	.00162
205	-1.2	4.5	3.6	.06398	.00071	.00203
207	-1.4	5.2	5.6	.08095	.00089	.00259
208	-2.3	6.3	7.6	.09383	.00004	.00362
209	-3.1	7.6	9.6	.10588	-.00143	.00508
210	-3.7	8.7	11.6	.11199	-.00259	.00716
211	.0	4.7	3.6	.04054	-.00266	.00276
212	-.6	5.7	5.6	.05565	-.00443	.00367
213	-1.1	6.8	7.6	.07005	-.00634	.00460
214	-1.9	7.9	9.6	.08456	-.00851	.00582
215	-2.4	8.8	11.6	.09735	-.01015	.00737
216	-2.8	9.3	12.6	.10256	-.01126	.00838
217	-3.0	10.0	13.6	.10439	-.01193	.00952
218	.1	5.2	5.6	.03483	-.00537	.00349
219	-.6	6.1	7.6	.05080	-.00858	.00479
220	-1.3	7.0	9.6	.06533	-.01147	.00618
221	-1.9	8.1	11.6	.07957	-.01465	.00772
222	-2.2	8.6	12.6	.08637	-.01600	.00860
223	-2.4	8.7	13.6	.09434	-.01687	.00953

TABLE VI.- Continued

(b) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO		35									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
283	46.54	19.78	588	8.87	9.38	3.89	2.72	2.93	1.64	1.78	.29 AMP
284	48.63	17.67	588	145.83	344.28	116.28	69.57	61.85	337.84	265.19	41.55 PHASE
285	58.83	17.54	588	8.67	8.88	3.81	2.52	3.62	1.56	1.51	.35 AMP
287	52.98	18.31	588	148.73	338.88	182.89	67.63	31.99	311.91	247.72	252.71 PHASE
288	54.77	19.83	588	8.49	8.64	2.64	2.46	3.58	1.38	1.53	.58 AMP
289	56.46	26.84	588	139.54	341.98	98.63	88.24	31.78	383.86	268.22	257.14 PHASE
218	57.35	33.58	588	8.35	8.38	2.21	2.78	4.19	1.52	1.55	1.32 AMP
211	49.17	16.78	588	131.85	342.36	93.88	85.61	28.95	284.18	266.95	288.48 PHASE
212	51.58	16.43	588	7.99	8.58	1.72	2.59	3.51	1.73	1.56	2.22 AMP
213	53.65	15.84	588	117.84	339.72	89.36	78.89	354.68	248.19	235.25	152.84 PHASE
214	55.77	16.83	588	8.26	9.41	1.88	2.52	3.27	2.45	2.33	3.17 AMP
215	57.74	28.44	588	183.42	349.54	128.88	72.86	332.91	255.87	257.55	193.98 PHASE
216	58.53	24.74	588	9.89	11.86	3.88	2.82	5.67	3.88	3.96	3.88 AMP
217	58.98	28.26	588	82.34	347.83	258.65	88.77	329.24	316.58	338.58	229.88 PHASE
218	49.78	14.33	588	8.19	8.77	2.93	2.93	1.89	.49	.94	.24 AMP
219	52.14	14.89	588	139.69	339.98	188.28	33.79	28.76	282.92	218.91	338.53 PHASE
228	54.48	15.91	588	7.78	8.98	2.37	2.44	1.38	.55	1.89	.12 AMP
221	56.65	17.31	588	134.67	348.62	93.86	32.21	11.53	266.14	283.84	332.66 PHASE
222	57.82	17.86	588	7.52	9.11	1.71	2.21	1.57	.51	1.87	.16 AMP
223	59.85	28.44	588	127.83	344.73	94.95	35.19	7.82	244.88	282.57	19.67 PHASE
283	46.54	19.78	588	7.89	9.45	1.17	1.78	1.65	.69	1.18	.15 AMP
284	48.63	17.67	588	114.67	347.37	99.81	36.54	8.49	223.39	193.39	114.85 PHASE
285	58.83	17.54	588	7.48	18.41	8.88	1.78	2.21	1.61	2.81	.48 AMP
287	52.98	18.31	588	95.65	352.81	144.82	31.87	268.48	225.87	226.88	145.58 PHASE
288	54.77	19.83	588	8.26	11.13	1.25	2.48	1.92	2.59	1.54	.98 AMP
289	56.46	26.84	588	86.28	354.62	196.36	35.77	386.62	278.56	277.23	235.84 PHASE
218	57.35	33.58	588	9.54	12.17	2.13	3.29	3.88	3.82	1.28	1.55 AMP
211	49.17	16.78	588	74.61	349.98	219.22	43.93	326.48	312.71	329.82	254.63 PHASE
212	51.58	16.43	588	6.97	7.16	1.59	2.49	1.71	.29	.44	.43 AMP
213	53.65	15.84	588	141.23	352.58	182.96	41.61	22.46	387.96	244.18	387.91 PHASE
214	55.77	16.83	588	6.78	7.37	1.87	2.34	2.19	.35	.45	.37 AMP
215	57.74	28.44	588	131.69	351.53	82.93	33.73	11.52	238.92	219.81	273.28 PHASE
216	58.53	24.74	588	6.55	7.93	.54	2.18	2.18	.58	.35	.42 AMP
217	58.98	28.26	588	128.26	352.78	68.78	25.29	12.68	225.82	287.26	261.35 PHASE
218	49.78	14.33	588	6.67	8.88	.41	2.84	1.91	.65	.53	.53 AMP
219	52.14	14.89	588	184.17	352.38	314.93	17.12	3.74	221.66	193.66	229.77 PHASE
228	54.48	15.91	588	6.98	9.28	.64	1.87	1.78	.67	.64	.35 AMP
221	56.65	17.31	588	92.65	346.84	279.48	2.82	343.25	198.96	177.87	194.82 PHASE
222	57.82	17.86	588	7.76	9.98	.81	1.98	1.28	1.28	1.36	.89 AMP
223	59.85	28.44	588	88.45	349.43	239.28	358.76	295.28	282.43	211.75	182.42 PHASE

CHORDWISE 25 PERCENT RADIUS											
RUN NO		35									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
283	54.23	33.64	588	13.57	4.85	7.17	4.13	5.78	9.54	1.18	.99 AMP
284	52.83	46.87	588	279.32	164.75	288.45	135.25	317.45	319.84	156.72	83.68 PHASE
285	49.61	54.85	588	26.87	7.83	9.85	2.81	7.49	4.85	2.92	.92 AMP
287	46.58	75.22	588	294.67	172.89	288.11	74.82	297.42	343.32	61.51	26.19 PHASE
288	45.28	93.87	588	42.97	18.52	18.38	4.63	8.38	4.52	2.84	1.88 AMP
289	44.95	115.34	588	321.38	174.53	268.94	56.99	315.58	299.66	114.88	59.68 PHASE
218	49.82	155.39	588	61.53	11.82	15.48	6.22	6.39	5.24	2.11	1.45 AMP
211	48.18	48.23	588	339.27	176.27	252.92	66.88	312.97	341.28	333.49	36.88 PHASE
212	48.27	58.62	588	76.12	9.98	19.34	7.85	4.88	5.86	5.69	2.85 AMP
213	48.51	83.88	588	341.43	185.51	249.84	49.48	296.86	348.81	318.64	352.38 PHASE
214	48.53	185.79	588	93.86	11.83	25.18	8.75	1.28	7.27	4.38	2.53 AMP
215	48.91	132.33	588	351.58	289.88	265.66	49.31	284.25	34.99	347.69	38.22 PHASE
216	58.68	141.64	588	118.88	23.19	38.97	6.56	17.73	15.22	13.37	2.49 AMP
217	53.98	167.28	588	24.28	22.53	265.62	69.17	219.38	286.57	181.21	33.87 PHASE
218	48.41	37.58	588	385.89	188.84	283.49	351.78	291.91	199.53	128.84	34.79 PHASE
219	49.62	63.92	588	41.83	13.36	18.69	5.41	4.65	5.92	.98	.59 AMP
228	58.95	89.75	588	325.88	191.34	257.55	12.51	312.18	258.51	288.47	67.81 PHASE
221	51.86	116.14	588	61.88	13.76	15.52	6.76	3.62	7.15	2.55	.34 AMP
222	52.26	128.47	588	336.43	286.84	254.78	27.25	383.47	291.16	288.49	65.58 PHASE
223	53.22	158.95	588	82.31	14.29	19.55	6.86	3.88	7.46	3.88	.86 AMP
283	46.54	19.78	588	341.48	222.58	256.48	33.15	269.57	311.72	299.23	311.48 PHASE
284	48.63	17.67	588	186.18	19.21	25.99	8.24	3.19	9.79	3.43	.68 AMP
285	58.83	17.54	588	351.86	235.71	273.13	46.29	215.99	5.82	28.83	332.32 PHASE
287	52.98	18.31	588	115.63	24.52	28.84	6.72	9.33	7.35	5.67	1.88 AMP
288	54.77	19.83	588	358.66	239.14	282.79	65.17	282.52	97.83	127.65	65.44 PHASE
289	56.46	26.84	588	126.88	34.45	29.47	5.81	15.42	13.82	12.89	3.88 AMP
218	49.78	14.33	588	1.74	236.37	281.44	76.78	287.63	175.37	154.99	95.55 PHASE
211	49.17	16.78	588	21.21	11.66	5.45	4.67	2.81	6.31	1.38	.27 AMP
212	51.58	16.43	588	325.75	283.65	284.85	12.58	278.73	257.18	148.32	116.56 PHASE
213	53.65	15.84	588	41.48	13.73	9.93	6.38	2.53	7.75	.43	.38 AMP
214	55.77	16.83	588	348.54	212.13	247.91	26.94	244.35	293.25	188.96	137.23 PHASE
215	57.74	28.44	588	63.27	15.63	15.68	7.14	3.47	8.28	.87	.85 AMP
216	58.53	24.74	588	347.32	223.83	246.59	38.96	226.35	318.59	297.43	278.85 PHASE
217	58.98	28.26	588	89.26	18.98	28.82	7.37	5.43	8.38	1.58	.38 AMP
218	49.78	14.33	588	358.46	233.94	248.88	27.58	214.77	334.84	317.47	311.91 PHASE
219	52.14	14.89	588	182.26	21.88	21.68	7.42	6.49	7.66	2.81	.43 AMP
228	54.48	15.91	588	349.33	232.34	241.71	12.48	195.92	323.92	322.87	287.34 PHASE
221	56.65	17.31	588	128.89	25.54	24.36	7.38	6.94	8.49	3.88	.98 AMP
222	57.82	17.86	588	356.85	235.28	254.18	16.95	184.51	12.46	5.41	1.81 PHASE

TABLE VI.- Continued

(b) Continued

TORSION 20 PERCENT RADIUS												
RUN NO 35												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
203	5.64	4.52	580	1.68	1.78	.79	.81	.25	.84	.19	.28	AMP
				47.38	299.83	154.93	61.32	298.51	24.48	252.61	282.16	PHASE
204	4.97	4.24	580	2.85	1.88	.66	.54	.47	.23	.11	.19	AMP
				49.44	388.98	143.44	58.75	278.78	239.31	227.65	184.79	PHASE
205	4.84	4.48	580	2.76	1.53	.63	.35	.27	.21	.17	.22	AMP
				47.82	315.21	188.73	22.58	288.88	235.14	217.39	185.35	PHASE
207	2.79	6.82	580	4.19	.95	1.86	.69	.25	.26	.24	.29	AMP
				41.69	328.73	231.94	356.28	297.51	229.52	228.44	214.24	PHASE
208	1.52	8.66	580	5.99	.71	1.94	.88	.52	.41	.16	.28	AMP
				35.23	359.18	237.73	355.46	249.35	256.39	287.77	197.68	PHASE
209	-.48	13.98	580	9.34	1.24	2.94	1.35	1.94	1.49	1.86	.62	AMP
				33.76	65.99	249.36	55.86	218.51	257.48	285.78	315.88	PHASE
210	-3.64	29.63	580	14.27	1.78	5.65	.86	8.22	6.83	3.69	2.53	AMP
				27.73	14.25	281.67	249.53	263.48	316.32	345.67	13.14	PHASE
211	3.99	4.46	580	2.89	2.12	.85	.19	.21	.17	.84	.89	AMP
				59.77	315.33	218.93	32.87	358.75	153.15	124.24	138.97	PHASE
212	3.32	5.39	580	2.78	2.38	1.18	.13	.19	.12	.86	.11	AMP
				54.69	319.53	228.27	356.99	318.45	178.41	185.56	126.58	PHASE
213	2.59	6.58	580	3.55	2.61	1.68	.22	.23	.29	.16	.89	AMP
				49.96	326.79	233.79	352.37	325.92	198.78	249.14	134.91	PHASE
214	1.77	7.58	580	4.79	2.78	2.42	.58	.36	.37	.18	.84	AMP
				44.37	338.62	237.42	359.22	334.47	281.24	255.44	198.47	PHASE
215	.15	13.64	580	8.16	2.13	3.74	1.54	1.27	1.38	.57	.26	AMP
				39.26	353.21	245.85	63.78	167.79	243.26	295.85	275.72	PHASE
216	-1.13	17.82	580	18.68	2.13	4.33	2.19	3.84	3.88	1.57	1.89	AMP
				37.82	2.24	253.26	117.79	219.45	275.46	328.21	342.37	PHASE
217	-2.78	23.93	580	13.21	2.47	5.95	1.71	6.75	5.28	2.74	1.78	AMP
				33.49	346.62	259.75	151.38	242.73	294.64	334.74	359.35	PHASE
218	3.53	4.33	580	1.88	2.88	1.81	.26	.18	.18	.87	.87	AMP
				62.64	327.78	247.31	68.18	323.49	183.29	169.77	147.12	PHASE
219	2.91	5.35	580	2.54	2.21	1.26	.26	.33	.28	.87	.88	AMP
				56.83	328.98	248.68	52.52	277.26	185.88	242.77	158.64	PHASE
220	2.29	6.45	580	3.32	2.57	1.58	.35	.41	.37	.17	.85	AMP
				58.98	338.97	258.37	46.48	261.36	288.95	286.97	163.54	PHASE
221	1.67	7.75	580	4.39	3.84	2.12	.53	.43	.47	.28	.84	AMP
				46.42	329.26	246.84	46.36	238.14	215.28	277.39	282.75	PHASE
222	1.36	8.57	580	5.15	3.22	2.61	.65	.43	.55	.24	.83	AMP
				41.98	323.75	238.22	33.36	198.22	198.13	268.39	171.18	PHASE
223	.52	12.29	580	7.41	2.87	3.43	1.44	1.28	1.83	.44	.25	AMP
				38.48	334.14	248.98	52.87	158.43	199.93	256.81	248.49	PHASE

TABLE VI.- Continued

(b) Continued

FLAPWISE 37 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
203	31.35	22.66	580	13.62	11.65	4.49	1.80	2.02	.68	.28	.27 AMP
				142.89	349.23	103.85	76.43	64.54	329.62	244.77	203.30 PHASE
204	33.39	22.48	580	14.15	10.86	3.71	1.79	2.49	.58	.36	.17 AMP
				139.46	343.37	85.54	76.25	37.44	292.16	216.98	177.91 PHASE
205	35.49	22.89	580	14.73	10.37	3.48	2.00	2.33	.52	.44	.07 AMP
				139.64	344.77	78.96	95.99	34.38	298.13	210.99	196.71 PHASE
207	37.44	23.20	580	15.39	9.94	3.39	2.36	2.83	.46	.45	.16 AMP
				136.25	342.77	72.61	101.53	23.20	286.51	218.91	16.06 PHASE
208	39.37	23.00	580	15.41	10.13	3.13	2.35	2.45	.49	.45	.30 AMP
				130.01	337.55	65.24	97.09	356.42	232.76	196.72	336.57 PHASE
209	41.33	24.54	580	15.46	11.22	2.78	2.03	2.44	.71	.48	.44 AMP
				128.30	344.52	78.34	98.47	338.36	227.64	203.04	31.43 PHASE
210	42.85	29.45	580	15.23	15.21	.49	2.52	4.22	.50	.67	.58 AMP
				122.14	342.11	170.77	106.04	341.00	328.00	171.13	86.81 PHASE
211	35.00	21.97	580	12.74	11.25	4.13	1.96	.71	.29	.25	.20 AMP
				137.07	343.61	87.55	41.04	9.28	271.06	205.70	182.59 PHASE
212	37.52	21.90	580	13.39	11.12	3.71	1.72	1.01	.29	.32	.14 AMP
				135.60	342.66	79.69	42.70	353.24	250.35	207.75	156.07 PHASE
213	39.74	22.14	580	13.82	11.20	3.32	1.55	1.16	.32	.36	.20 AMP
				134.39	345.40	80.06	51.95	345.45	247.03	225.03	152.01 PHASE
214	42.00	21.97	580	14.00	11.20	2.91	1.21	1.13	.32	.31	.13 AMP
				131.07	346.32	80.09	61.72	339.62	209.69	244.50	154.75 PHASE
215	43.97	22.65	580	14.11	11.93	3.00	1.03	.87	.55	.12	.12 AMP
				125.72	350.12	102.17	53.87	209.62	218.09	319.95	133.47 PHASE
216	45.06	25.91	580	14.02	13.09	2.74	1.53	2.01	.70	.00	.21 AMP
				124.97	351.13	116.12	47.51	313.98	270.00	130.85	119.32 PHASE
217	45.68	28.65	580	13.86	14.74	2.90	2.42	2.59	.82	.37	.29 AMP
				119.77	346.56	129.03	56.70	326.02	320.51	166.20	142.02 PHASE
218	36.63	18.16	580	11.03	9.11	2.93	1.51	1.36	.20	.21	.14 AMP
				130.99	357.21	90.50	44.32	15.11	277.27	219.40	166.93 PHASE
219	39.01	18.77	580	11.73	9.26	2.52	1.45	1.72	.27	.25	.17 AMP
				136.47	353.60	74.67	37.59	3.48	238.59	231.97	169.03 PHASE
220	41.38	19.44	580	12.23	9.88	2.28	1.20	1.63	.29	.28	.15 AMP
				134.96	354.00	66.79	33.73	.81	227.17	246.45	131.69 PHASE
221	43.07	20.60	580	12.70	10.66	2.07	.95	1.50	.32	.24	.12 AMP
				132.35	351.59	57.69	25.04	350.39	214.93	263.47	122.45 PHASE
222	45.17	21.11	580	12.85	11.17	2.03	.00	1.52	.35	.25	.11 AMP
				128.22	345.71	51.89	8.95	329.05	194.14	261.01	91.70 PHASE
223	46.44	22.00	580	13.04	11.74	1.87	.94	1.48	.40	.09	.12 AMP
				126.44	347.29	81.03	340.37	298.16	211.41	293.67	47.62 PHASE

CHORDWISE 37 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
203	39.27	34.84	580	12.36	4.20	4.95	3.57	6.49	13.65	1.36	.77 AMP
				276.79	145.25	292.62	125.63	321.94	320.22	134.39	66.76 PHASE
204	36.69	42.36	580	6.17	7.62	7.62	2.67	7.91	7.01	4.20	.27 AMP
				291.37	159.50	287.20	74.47	301.95	346.79	61.10	329.60 PHASE
205	33.94	48.81	580	32.50	8.86	8.32	5.66	9.41	6.58	4.96	2.23 AMP
				317.54	160.31	274.00	62.59	315.77	316.42	115.31	38.47 PHASE
207	30.39	57.20	580	45.93	10.40	12.10	7.81	8.75	8.26	2.02	2.40 AMP
				335.19	166.93	267.54	71.79	317.00	352.76	305.97	17.57 PHASE
208	28.19	67.99	580	56.85	10.18	15.30	8.57	7.98	9.81	8.11	3.40 AMP
				337.70	171.00	263.25	53.74	304.39	355.76	300.61	339.02 PHASE
209	26.57	86.75	580	69.00	13.04	21.20	10.86	2.69	11.28	5.93	4.13 AMP
				348.35	192.95	280.22	51.00	314.75	34.50	320.42	21.80 PHASE
210	29.46	138.48	580	79.61	24.10	26.56	7.21	21.38	19.77	24.50	4.60 AMP
				1.65	210.00	281.56	79.38	234.20	215.51	182.52	21.10 PHASE
211	32.11	33.27	580	18.12	8.20	6.34	4.00	4.84	5.66	2.66	.69 AMP
				302.97	175.52	297.00	5.92	288.27	199.86	142.47	314.50 PHASE
212	31.72	47.76	580	30.36	9.47	7.00	4.84	5.71	7.97	2.44	1.00 AMP
				320.35	186.84	272.36	16.37	305.56	253.06	191.41	50.03 PHASE
213	31.20	61.01	580	43.72	10.04	10.64	7.45	5.02	10.06	4.00	1.26 AMP
				331.06	200.00	266.76	27.29	297.06	291.46	263.50	80.03 PHASE
214	30.37	77.53	580	50.85	10.52	14.12	7.58	4.43	10.92	6.96	.71 AMP
				337.15	214.10	267.04	30.16	272.01	311.15	206.79	147.04 PHASE
215	29.19	103.27	580	76.64	15.51	21.15	9.14	4.07	14.60	5.75	1.12 AMP
				348.49	225.07	284.03	43.36	229.22	350.70	9.07	200.00 PHASE
216	30.14	115.65	580	82.07	21.39	23.77	7.66	12.02	7.77	9.39	1.00 AMP
				356.29	220.66	295.27	65.61	211.56	87.00	135.20	45.36 PHASE
217	32.94	142.60	580	90.00	29.78	24.03	5.95	21.37	15.68	23.02	3.99 AMP
				90.00	227.39	295.37	06.10	213.45	189.77	159.95	99.00 PHASE
218	32.00	33.11	580	15.15	8.26	4.02	5.31	3.41	8.24	2.49	1.02 AMP
				322.33	202.52	305.12	22.17	270.00	257.05	163.24	91.25 PHASE
219	32.51	51.00	580	20.98	9.07	6.30	7.04	3.12	10.00	1.91	1.30 AMP
				337.03	210.01	260.03	28.03	250.05	291.00	207.00	121.00 PHASE
220	32.89	67.07	580	43.89	11.47	10.30	8.00	3.64	11.66	2.30	.96 AMP
				343.54	221.13	255.20	29.79	241.29	314.16	267.05	128.24 PHASE
221	32.70	85.13	580	61.00	13.00	13.72	8.59	5.62	11.84	3.43	.37 AMP
				346.70	230.53	256.93	23.94	223.92	327.03	297.48	224.30 PHASE
222	32.52	92.65	580	71.26	15.50	15.22	0.61	6.85	10.99	4.04	.88 AMP
				345.70	229.63	250.95	8.95	201.71	316.16	305.74	240.70 PHASE
223	32.73	110.17	580	83.00	19.56	10.76	9.01	7.71	11.40	6.00	1.71 AMP
				352.79	231.07	264.63	11.51	189.98	3.17	.53	314.04 PHASE

TABLE VI.- Continued

(b) Continued

TORSION 36 PERCENT RADIUS											
RUN NO		35									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
203	3.51	3.72	58#	2.84	1.4#	.66	.64	.3#	.85	.87	.12 AMP
				26.75	273.29	144.97	37.6#	252.86	188.25	173.38	137.44 PHASE
204	2.8#	3.78	58#	2.39	1.4#	.6#	.4#	.52	.2#	.81	.1# AMP
				28.98	275.7#	131.75	32.58	235.24	175.96	121.7#	12#.73 PHASE
205	1.85	3.83	58#	3.86	1.15	.67	.26	.33	.19	.88	.12 AMP
				38.65	298.48	162.87	333.66	237.38	166.77	144.99	131.58 PHASE
207	.68	5.55	58#	4.28	.56	1.81	.65	.28	.25	.15	.16 AMP
				28.81	386.43	28#.34	388.46	239.41	149.96	172.68	175.21 PHASE
208	-.47	7.87	58#	5.79	.47	1.71	.82	.5#	.26	.88	.15 AMP
				24.86	347.89	287.44	387.84	283.97	193.77	283.12	154.96 PHASE
209	-2.24	12.15	58#	8.6#	1.13	2.42	.8#	1.79	1.23	.86	.5# AMP
				24.31	52.59	218.12	33.48	174.24	214.56	246.2#	27#.6# PHASE
210	-5.29	23.63	58#	13.1#	1.41	4.47	1.34	7.85	5.79	3.18	1.94 AMP
				17.88	9.16	258.88	239.15	229.82	277.54	382.27	324.23 PHASE
211	2.82	3.87	58#	2.41	1.52	.81	.82	.2#	.19	.87	.86 AMP
				33.89	297.12	19#.98	56.59	388.83	184.36	13.88	87.69 PHASE
212	1.29	4.77	58#	2.99	1.88	1.89	.8#	.16	.12	.82	.8# AMP
				33.93	381.97	195.92	212.82	271.34	186.35	69.98	62.99 PHASE
213	.54	5.62	58#	3.79	2.88	1.49	.13	.18	.23	.11	.87 AMP
				33.62	389.77	287.66	268.65	277.43	129.81	218.26	72.81 PHASE
214	-.28	7.17	58#	4.9#	2.12	2.11	.35	.26	.28	.15	.82 AMP
				31.88	313.56	211.49	315.53	29#.1#	139.95	22#.14	113.77 PHASE
215	-1.95	12.63	58#	7.93	1.42	3.24	1.29	1.13	1.13	.49	.17 AMP
				29.58	343.97	219.2#	36.72	135.16	288.77	253.92	219.73 PHASE
216	-3.23	16.23	58#	18.87	1.44	3.61	1.88	3.44	2.47	1.4#	.81 AMP
				28.78	354.36	227.88	95.3#	185.77	237.34	276.38	295.89 PHASE
217	-4.82	28.92	58#	12.39	1.69	4.89	1.45	5.97	4.45	2.39	1.41 AMP
				24.48	336.91	236.69	136.54	289.87	257.7#	298.12	318.81 PHASE
218	1.51	3.88	58#	2.27	1.62	.95	.12	.16	.28	.86	.86 AMP
				35.89	311.45	222.13	59.54	274.62	131.9#	182.85	65.41 PHASE
219	.84	4.64	58#	2.89	1.8#	1.12	.11	.29	.16	.85	.87 AMP
				35.14	312.48	228.9#	49.48	233.77	121.54	285.25	56.54 PHASE
220	.18	5.55	58#	3.59	2.18	1.36	.16	.37	.28	.15	.85 AMP
				34.16	314.35	221.86	23.83	228.54	152.8#	239.11	42.59 PHASE
221	-.47	6.63	58#	4.5#	2.46	1.77	.34	.38	.35	.19	.82 AMP
				32.9#	312.72	217.8#	15.45	199.6#	161.17	231.86	36.87 PHASE
222	-.82	7.4#	58#	5.12	2.55	2.15	.48	.37	.43	.22	.85 AMP
				29.93	387.86	289.92	1.19	161.72	149.86	211.87	18.45 PHASE
223	-1.71	11.18	58#	7.85	2.13	2.8#	1.28	1.14	.85	.39	.13 AMP
				29.82	317.34	214.73	25.92	115.32	158.5#	211.66	191.96 PHASE

TABLE VI.- Continued

(b) Continued

FLAPWISE 51 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
203	18.14	28.32	580	16.27	14.29	4.94	.47	.29	.57	1.40	.30 AMP
				138.31	345.64	75.24	351.45	285.71	140.95	73.03	219.17 PHASE
				17.06	13.12	4.52	.18	.13	.65	1.29	.39 AMP
204	20.28	26.86	580	135.13	338.40	55.24	333.10	127.57	107.44	60.93	60.45 PHASE
				18.09	12.18	4.74	.12	.31	.69	1.19	.76 AMP
205	22.57	26.56	580	135.74	338.42	47.77	44.00	98.85	105.24	70.74	54.04 PHASE
				19.31	11.47	4.91	.25	.57	.96	1.33	1.54 AMP
207	24.83	26.22	580	134.15	334.73	41.60	156.31	91.75	89.92	82.33	10.46 PHASE
				19.95	11.38	4.84	.30	.83	1.09	1.57	2.43 AMP
208	27.09	26.54	580	128.00	320.60	33.54	169.31	64.41	57.32	51.48	335.07 PHASE
				20.70	12.56	4.74	.40	1.22	1.49	2.54	3.39 AMP
209	29.44	30.49	580	129.55	335.99	46.00	186.68	57.93	67.69	74.50	10.90 PHASE
				20.44	10.56	2.14	1.57	2.35	2.62	1.97	2.96 AMP
210	31.09	33.60	580	127.69	337.49	61.86	171.39	70.43	130.73	130.29	42.60 PHASE
				15.78	13.07	4.63	.37	.66	.15	.75	.04 AMP
211	22.78	25.68	580	131.49	338.96	59.12	351.46	276.06	69.58	20.31	193.04 PHASE
				16.90	12.66	4.90	.07	.64	.18	.90	.11 AMP
212	25.35	25.81	580	130.25	337.30	40.20	25.80	279.07	87.42	4.39	301.72 PHASE
				17.86	12.36	4.02	.21	.60	.87	.87	1.13 AMP
213	27.04	26.15	580	130.11	337.00	44.61	203.51	293.73	114.28	7.40	272.01 PHASE
				18.54	11.95	4.61	.57	.62	.06	1.07	.40 AMP
214	30.42	26.03	580	128.76	337.19	40.53	201.03	293.68	97.17	1.49	321.70 PHASE
				19.24	12.74	4.53	.91	1.18	.55	1.76	.70 AMP
215	32.65	27.55	580	127.25	339.62	57.15	233.37	320.10	57.38	41.45	332.53 PHASE
				19.13	14.03	4.21	.83	1.61	1.40	1.49	1.07 AMP
216	33.93	29.84	580	129.36	341.61	71.71	240.09	11.67	111.50	93.02	44.39 PHASE
				15.48	10.72	3.98	.34	.50	1.15	1.15	1.46 AMP
217	34.63	32.21	580	10.83	17.24	4.30	.61	1.74	2.24	1.49	70.00 PHASE
				126.68	340.31	92.24	196.66	35.48	141.49	139.79	70.00 PHASE
218	25.57	20.69	580	13.59	10.46	3.69	.24	.55	.18	.25	.39 AMP
				134.99	353.09	62.57	205.68	306.49	117.70	42.03	109.98 PHASE
219	20.01	20.75	580	14.48	10.34	3.98	.34	.51	.18	.17	.30 AMP
				132.99	349.04	45.78	238.92	296.02	94.42	7.06	94.02 PHASE
220	30.46	21.47	580	15.48	10.72	4.32	.51	.50	.17	.22	.32 AMP
				132.54	347.76	39.58	215.32	303.30	76.97	331.24	79.20 PHASE
221	33.11	22.71	580	16.41	11.27	4.54	.76	.56	.18	.42	.35 AMP
				131.62	343.96	33.50	200.09	302.55	53.06	347.00	39.00 PHASE
222	34.55	23.61	580	16.82	11.67	4.50	.86	.64	.13	.49	.40 AMP
				128.72	337.62	25.54	189.90	206.24	19.04	340.14	0.03 PHASE
223	35.09	25.00	580	17.34	12.29	4.30	.96	1.06	1.13	.94	.94 AMP
				128.09	330.93	37.11	203.51	303.00	14.53	24.51	.07 PHASE

CHORDWISE 51 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
203	46.41	34.92	580	11.09	3.05	3.20	3.62	7.32	16.55	1.96	.79 AMP
				277.17	144.99	304.92	127.03	322.79	323.49	124.00	74.66 PHASE
204	44.37	41.79	580	18.19	4.67	5.44	2.00	8.48	9.78	5.03	.30 AMP
				290.35	159.79	297.70	75.03	302.56	350.12	65.77	230.72 PHASE
205	42.48	49.01	580	27.72	6.99	6.04	6.10	10.21	7.91	6.92	2.22 AMP
				314.36	163.00	200.27	65.62	315.70	324.36	119.07	44.65 PHASE
207	39.52	57.51	580	38.61	8.26	9.52	8.27	9.59	10.41	1.82	2.30 AMP
				330.05	162.45	272.49	74.91	319.62	358.11	299.04	10.09 PHASE
208	37.55	60.32	580	40.00	8.03	12.60	8.09	9.00	12.64	9.15	3.99 AMP
				333.42	163.02	267.05	55.00	310.51	359.38	303.16	332.50 PHASE
209	35.30	76.32	580	50.12	11.74	20.05	12.14	3.14	14.00	5.00	5.26 AMP
				345.19	104.76	285.54	50.13	331.36	367.77	320.64	15.35 PHASE
210	35.40	134.27	580	64.54	25.04	27.06	7.02	24.77	22.06	32.40	6.04 AMP
				2.47	20.72	290.04	07.75	239.02	222.02	100.36	15.55 PHASE
211	39.69	32.24	580	15.48	6.23	4.70	4.57	5.58	6.19	3.51	1.13 AMP
				300.99	178.24	316.34	10.26	206.33	201.69	145.93	309.11 PHASE
212	39.02	46.95	580	25.31	6.94	4.00	6.39	6.44	9.22	3.20	1.44 AMP
				316.50	190.65	207.11	20.30	302.97	257.50	191.30	69.00 PHASE
213	30.32	61.00	580	36.12	7.27	8.00	7.00	5.02	12.20	6.23	1.00 AMP
				327.59	204.37	276.40	30.17	295.04	295.65	263.72	100.64 PHASE
214	37.26	74.37	580	40.54	7.35	11.39	7.00	5.32	13.50	0.82	1.14 AMP
				333.13	219.47	275.50	30.06	271.02	313.75	200.48	151.59 PHASE
215	34.06	93.22	580	63.25	12.49	19.35	10.00	6.59	17.69	7.00	1.54 AMP
				345.73	219.06	292.25	43.35	233.33	359.27	17.60	277.50 PHASE
216	35.00	109.72	580	67.01	19.37	23.06	8.50	14.40	0.32	12.76	1.21 AMP
				355.11	221.07	304.52	69.35	215.95	05.63	142.49	20.00 PHASE
217	36.03	142.75	580	72.11	27.00	24.26	6.69	25.71	10.44	29.01	3.07 AMP
				.09	220.57	306.07	101.41	216.70	190.40	166.99	106.49 PHASE
218	39.23	34.61	580	12.67	6.74	3.23	3.23	5.75	9.63	3.26	1.56 AMP
				320.39	206.50	320.20	26.76	272.53	260.37	166.09	92.50 PHASE
219	39.21	51.19	580	23.71	7.92	4.48	7.57	3.58	12.07	2.66	1.99 AMP
				333.94	213.74	272.73	31.39	263.52	294.07	211.00	124.00 PHASE
220	30.96	60.34	580	35.58	8.00	7.93	8.59	4.10	14.11	3.21	1.47 AMP
				339.99	226.11	265.01	31.32	245.55	315.56	267.05	133.19 PHASE
221	30.56	74.27	580	49.07	10.55	11.00	9.14	6.18	14.34	4.33	.46 AMP
				343.00	237.75	267.55	23.37	227.39	327.65	290.02	200.00 PHASE
222	30.19	70.15	580	57.18	11.74	12.62	9.35	7.63	13.33	4.93	.00 AMP
				341.00	236.00	261.53	7.79	204.11	314.40	300.16	240.00 PHASE
223	37.62	94.32	580	66.76	15.27	17.06	10.42	0.63	13.41	7.40	2.49 AMP
				349.36	232.69	274.53	11.01	192.27	1.14	10.22	320.65 PHASE

TABLE VI.- Continued

(b) Continued

TORSION 50 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
203	1.16	2.77	500	1.67	1.04	.42	.44	.18	.09	.07	.09	AMP
				49.23	292.67	147.75	69.50	286.36	145.50	145.13	157.11	PHASE
204	.73	2.84	500	1.95	1.07	.37	.32	.34	.19	.04	.09	AMP
				49.07	291.00	131.67	65.30	258.56	180.20	51.30	137.50	PHASE
205	.20	3.01	500	2.30	1.00	.34	.11	.26	.16	.07	.08	AMP
				51.57	300.00	147.50	51.94	262.19	170.17	132.00	146.00	PHASE
207	-.39	3.65	500	2.02	1.01	.44	.32	.22	.28	.09	.07	AMP
				49.14	311.53	185.63	305.44	200.20	160.00	216.48	191.00	PHASE
208	-1.00	4.40	500	3.54	1.00	.02	.47	.33	.21	.06	.11	AMP
				42.51	323.65	190.00	296.20	244.56	179.16	304.96	170.12	PHASE
209	-2.00	7.29	500	6.11	1.30	1.40	.01	1.12	.91	.66	.33	AMP
				36.51	9.04	200.10	122.17	201.62	237.91	296.00	325.37	PHASE
210	-4.70	17.90	500	8.64	2.00	2.40	1.50	4.00	4.67	2.00	1.44	AMP
				24.12	9.60	262.37	272.62	258.52	312.13	353.01	12.41	PHASE
211	.01	3.10	500	2.05	1.26	.45	.09	.21	.16	.12	.07	AMP
				49.67	309.19	199.10	123.96	340.00	124.11	44.14	116.37	PHASE
212	-.42	3.71	500	2.49	1.46	.62	.11	.14	.11	.09	.08	AMP
				48.95	311.15	204.45	162.18	313.41	104.05	50.51	76.70	PHASE
213	-.06	4.52	500	3.00	1.66	.03	.09	.17	.21	.05	.05	AMP
				48.50	316.79	215.45	100.00	310.92	124.77	261.51	60.00	PHASE
214	-1.33	5.17	500	3.65	1.76	1.10	.09	.27	.27	.10	.05	AMP
				46.50	319.20	210.26	322.11	316.90	120.27	260.50	336.69	PHASE
215	-2.19	7.66	500	5.26	1.60	1.75	.63	.63	.76	.51	.12	AMP
				42.29	339.22	219.29	02.57	150.55	210.20	292.53	330.22	PHASE
216	-3.20	11.34	500	6.70	1.63	2.07	1.16	2.25	1.03	.62	.62	AMP
				38.14	352.00	226.71	137.31	215.44	270.41	323.15	353.91	PHASE
217	-4.63	15.61	500	8.53	1.03	2.00	1.00	4.00	3.43	2.00	1.14	AMP
				31.70	347.05	243.00	107.42	240.71	294.52	335.34	2.22	PHASE
218	-.24	3.15	500	2.00	1.24	.53	.11	.12	.14	.07	.08	AMP
				51.52	322.67	232.97	107.03	327.02	144.20	113.62	74.23	PHASE
219	-.66	3.04	500	2.45	1.39	.63	.10	.19	.16	.03	.10	AMP
				49.75	320.16	230.06	110.42	260.45	122.05	216.56	61.20	PHASE
220	-1.00	4.35	500	2.94	1.59	.76	.11	.25	.22	.12	.11	AMP
				40.35	320.29	230.07	76.90	249.93	153.00	270.00	49.32	PHASE
221	-1.51	5.27	500	3.53	1.05	.99	.22	.25	.25	.16	.09	AMP
				46.60	310.20	224.07	51.97	227.40	165.27	274.50	33.06	PHASE
222	-1.70	5.75	500	3.91	1.97	1.21	.20	.25	.29	.19	.10	AMP
				43.64	312.41	217.59	37.70	107.22	164.60	252.02	5.20	PHASE
223	-2.10	7.02	500	4.84	1.99	1.45	.74	.79	.65	.41	.13	AMP
				41.41	322.37	216.59	62.00	137.39	100.00	252.79	300.50	PHASE

TABLE VI.- Continued

(b) Continued

FLAPWISE 77 PERCENT RADIUS

RUN NO		35										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
203	.97	25.22	580	14.82	11.25	3.24	2.29	2.99	.61	1.13	.21	AMP
				140.82	342.76	41.25	245.54	238.24	74.54	249.27	14.47	PHASE
204	3.34	25.12	580	15.29	10.58	3.02	1.89	3.52	.72	.98	.76	AMP
				138.80	333.51	27.00	253.18	214.00	74.49	232.42	229.00	PHASE
205	5.90	25.25	580	16.13	10.00	3.10	1.83	3.39	.45	1.01	1.32	AMP
				140.17	333.55	29.24	278.26	220.24	94.46	243.97	230.45	PHASE
207	8.64	27.43	580	17.24	9.46	2.71	2.21	4.02	.31	1.31	2.41	AMP
				140.17	329.30	32.92	280.93	211.70	63.91	262.35	200.68	PHASE
208	11.23	28.13	580	17.96	9.57	2.91	2.25	3.11	.49	1.15	3.55	AMP
				136.63	324.02	37.11	287.58	190.58	25.79	225.40	157.78	PHASE
209	13.36	28.68	580	18.88	10.94	2.83	2.57	2.29	.83	2.10	4.99	AMP
				139.55	332.57	49.61	307.69	155.27	71.45	248.73	191.36	PHASE
210	13.80	34.68	580	18.21	16.34	1.83	2.39	7.04	.56	2.28	4.51	AMP
				139.45	332.23	21.95	335.26	152.95	169.46	305.70	215.81	PHASE
211	5.11	22.81	580	15.33	10.42	3.35	1.51	1.12	.69	.57	.06	AMP
				135.30	339.52	36.03	217.66	215.64	73.90	181.31	332.25	PHASE
212	7.69	23.77	580	16.17	10.24	3.47	1.24	1.59	.82	.66	.25	AMP
				135.30	336.13	33.92	235.88	200.05	71.37	164.78	170.32	PHASE
213	10.27	25.14	580	17.21	10.18	3.55	1.16	1.74	.96	.46	.27	AMP
				136.45	336.84	38.86	250.00	195.24	60.66	156.63	183.44	PHASE
214	13.04	26.87	580	18.20	10.24	3.43	1.31	1.92	1.31	.50	.73	AMP
				136.62	334.05	40.68	270.00	196.89	51.15	154.02	172.20	PHASE
215	15.72	28.00	580	19.51	11.22	4.03	1.79	.54	1.44	1.04	1.33	AMP
				138.26	335.75	58.50	294.73	211.41	61.52	220.99	170.17	PHASE
216	16.58	29.74	580	19.71	12.75	3.59	1.64	2.75	1.58	1.28	2.01	AMP
				140.93	337.33	69.35	307.16	140.42	86.54	277.65	217.49	PHASE
217	17.02	33.07	580	19.86	15.13	3.78	1.55	4.70	1.19	1.45	2.25	AMP
				140.15	336.20	81.03	287.09	155.66	85.13	323.12	230.25	PHASE
218	7.61	19.21	580	13.33	8.29	2.60	1.25	1.97	.43	.67	.49	AMP
				139.55	352.48	39.53	211.00	204.02	102.75	170.20	294.75	PHASE
219	10.15	20.36	580	14.11	8.22	3.00	.94	2.54	.40	.18	.50	AMP
				137.98	347.05	27.93	212.10	190.04	60.52	99.89	265.46	PHASE
220	12.69	21.91	580	15.17	8.68	3.40	.63	2.61	.55	.27	.58	AMP
				130.07	344.62	29.05	209.49	189.02	42.87	84.49	255.00	PHASE
221	15.40	23.74	580	16.32	9.37	3.85	.34	2.48	.74	.23	.62	AMP
				137.61	338.81	27.83	247.55	181.02	41.82	122.25	227.81	PHASE
222	16.90	24.85	500	15.97	9.77	4.00	.36	2.40	.85	.27	.64	AMP
				135.33	331.02	22.86	200.28	161.38	33.27	136.55	190.99	PHASE
223	18.25	25.73	580	17.73	10.85	4.50	.54	1.90	1.14	.94	1.39	AMP
				136.83	332.90	36.67	332.72	129.33	61.91	200.17	177.61	PHASE

CHORDWISE 77 PERCENT RADIUS

RUN NO		35										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
203	64.19	22.86	580	7.26	7.13	2.59	1.29	3.91	6.14	.51	.20	AMP
				156.00	341.90	31.57	199.24	279.38	321.54	156.88	37.63	PHASE
204	64.25	22.11	580	5.78	6.25	2.64	.29	4.16	4.03	2.03	.95	AMP
				164.52	330.72	7.14	207.92	256.00	351.84	65.09	214.25	PHASE
205	65.73	18.09	580	3.26	5.31	2.36	1.14	4.37	2.95	2.74	.42	AMP
				174.05	331.84	4.31	42.46	270.69	327.98	121.05	204.47	PHASE
207	66.40	22.03	580	19.25	4.50	2.11	1.67	3.83	4.28	.94	1.39	AMP
				191.05	329.07	344.94	63.73	262.36	356.28	276.01	190.75	PHASE
208	68.05	21.60	580	2.15	4.74	2.40	2.22	2.77	5.53	3.60	1.71	AMP
				339.63	325.50	320.00	35.39	256.67	353.75	209.47	150.00	PHASE
209	70.18	27.21	580	4.34	4.60	4.22	3.75	.00	6.06	2.06	2.25	AMP
				.25	323.73	312.53	25.62	124.99	33.09	290.99	195.07	PHASE
210	70.28	52.71	580	8.77	4.02	7.07	.01	11.25	9.14	11.03	1.95	AMP
				37.55	291.33	209.38	16.18	213.39	224.04	180.26	267.35	PHASE
211	62.05	17.47	580	5.43	5.78	3.36	.71	2.50	1.89	1.75	.39	AMP
				150.75	332.95	16.35	328.73	260.49	106.16	151.01	290.20	PHASE
212	63.04	17.99	580	3.04	5.02	3.00	1.43	2.52	2.90	1.71	.74	AMP
				154.99	326.41	10.59	3.64	263.00	255.92	178.01	07.52	PHASE
213	64.74	10.30	580	14.45	6.11	2.94	2.01	2.57	4.41	2.39	1.06	AMP
				162.72	325.21	356.17	18.61	254.11	296.83	250.14	100.49	PHASE
214	66.53	23.04	580	2.53	6.74	3.25	2.00	2.95	5.34	3.38	1.16	AMP
				331.63	322.00	339.74	15.35	238.29	316.93	278.99	145.99	PHASE
215	68.32	24.85	580	5.69	7.00	4.98	3.15	2.53	7.12	2.56	1.34	AMP
				352.47	315.24	329.14	20.38	222.10	357.03	2.61	193.12	PHASE
216	70.14	33.90	580	6.50	7.05	5.95	2.40	6.95	2.06	3.96	1.25	AMP
				12.22	301.47	331.07	49.52	192.65	04.97	145.34	239.31	PHASE
217	71.64	45.59	580	8.05	7.31	5.19	2.02	13.40	7.92	10.00	1.01	AMP
				30.18	204.00	330.42	130.07	200.00	204.97	164.61	201.46	PHASE
218	63.30	16.41	580	4.25	4.36	2.70	1.09	2.62	3.37	1.32	.41	AMP
				146.76	340.21	22.41	16.90	234.46	252.54	159.64	71.92	PHASE
219	63.49	15.42	580	1.79	4.44	2.39	1.93	2.74	4.72	.98	.72	AMP
				126.53	330.96	1.18	28.57	210.31	290.30	195.25	134.27	PHASE
220	65.48	17.66	580	1.51	5.17	2.71	2.51	3.14	5.46	1.09	.62	AMP
				17.40	325.69	342.94	29.00	213.16	312.07	260.91	159.01	PHASE
221	67.77	22.24	500	4.44	6.39	3.49	2.93	3.02	324.69	294.19	205.31	PHASE
				350.51	313.06	330.00	19.27	204.51	5.20	1.93	.72	AMP
222	68.94	23.53	580	6.07	7.10	3.04	3.10	4.44	5.70	304.15	206.34	PHASE
				344.72	311.06	319.00	4.09	103.93	311.02	2.37	.93	AMP
223	70.02	30.22	580	7.64	7.50	5.14	3.89	3.79	5.26	3.38	239.63	PHASE
				353.95	304.73	317.26	4.28	165.97	3.38	358.58		

TABLE VI.- Continued

(b) Concluded

TORSION 75 PERCENT RADIUS												
RUN NO 35												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
203	-1.94	1.87	580	1.15	.19	.24	.25	.12	.09	.14	.15	AMP
				121.98	280.07	243.70	94.49	102.23	225.23	115.89	38.83	PHASE
204	-2.18	1.85	580	1.30	.24	.18	.17	.11	.16	.09	.15	AMP
				106.84	268.57	239.97	81.83	288.49	192.95	45.38	21.77	PHASE
205	-2.43	1.88	580	1.54	.31	.17	.10	.08	.11	.11	.17	AMP
				96.74	278.18	232.45	122.61	303.86	193.40	69.20	29.38	PHASE
207	-2.70	2.45	580	1.88	.38	.23	.11	.12	.12	.05	.17	AMP
				88.33	291.41	232.78	226.19	278.88	169.92	70.77	18.52	PHASE
208	-2.89	3.18	580	2.27	.47	.35	.19	.24	.15	.11	.14	AMP
				79.88	298.48	213.44	212.87	218.87	185.53	343.30	352.37	PHASE
209	-3.27	5.36	580	2.76	.81	.59	.60	.78	.51	.32	.35	AMP
				66.79	351.28	163.61	177.32	206.43	248.85	332.85	29.94	PHASE
210	-4.38	10.46	580	3.50	2.37	.40	1.35	1.97	2.40	1.60	.53	AMP
				33.56	357.07	241.13	267.17	266.70	315.02	21.27	69.02	PHASE
211	-2.47	1.97	580	1.44	.36	.38	.18	.18	.06	.11	.04	AMP
				104.35	305.70	234.94	131.47	354.65	139.46	38.58	30.45	PHASE
212	-2.70	2.16	580	1.72	.48	.44	.22	.12	.03	.10	.08	AMP
				91.26	302.14	224.44	152.47	359.66	104.31	52.58	29.88	PHASE
213	-2.92	2.73	580	2.05	.63	.52	.24	.07	.11	.04	.08	AMP
				83.13	305.68	223.61	165.58	354.72	94.84	90.48	34.10	PHASE
214	-3.10	3.27	580	2.48	.76	.60	.20	.11	.17	.02	.08	AMP
				76.36	305.75	217.54	166.55	330.69	98.71	144.15	16.35	PHASE
215	-3.31	3.91	580	3.11	.93	.73	.48	.34	.44	.33	.27	AMP
				69.56	329.62	196.88	140.04	141.14	211.11	297.96	45.72	PHASE
216	-3.70	6.93	580	3.36	1.39	.94	.77	.91	1.10	.60	.40	AMP
				59.02	349.44	180.07	172.88	213.23	276.90	343.78	62.42	PHASE
217	-4.28	9.02	580	3.61	2.11	1.02	.85	1.49	2.05	1.42	.51	AMP
				43.51	347.76	214.04	228.86	247.28	302.14	358.87	50.71	PHASE
218	-2.66	1.99	580	1.50	.43	.42	.11	.11	.05	.07	.08	AMP
				109.69	326.99	246.85	155.39	19.03	121.87	104.14	34.86	PHASE
219	-2.88	2.30	580	1.76	.53	.46	.13	.04	.09	.05	.10	AMP
				94.61	317.06	234.60	166.17	345.77	99.15	151.00	32.45	PHASE
220	-3.10	2.85	580	2.07	.65	.50	.11	.04	.13	.06	.12	AMP
				84.76	313.23	226.37	166.12	234.70	121.02	208.69	32.87	PHASE
221	-3.32	3.30	580	2.52	.78	.59	.10	.05	.15	.08	.13	AMP
				76.25	307.80	216.63	138.77	197.81	130.21	211.95	29.11	PHASE
222	-3.37	3.60	580	2.80	.84	.67	.09	.06	.17	.10	.12	AMP
				70.59	301.53	206.44	122.15	137.80	119.37	195.67	8.03	PHASE
223	-3.50	4.17	580	3.19	.99	.70	.37	.37	.32	.24	.19	AMP
				65.60	319.84	189.71	112.91	128.85	178.99	245.59	7.47	PHASE

PITCH LINK												
RUN NO 35												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
203	-3.06	5.74	580	2.92	2.06	.47	.06	.24	.17	.45	.22	AMP
				226.38	103.17	311.34	236.46	134.62	109.55	66.07	5.36	PHASE
204	-2.50	6.07	580	3.56	1.93	.28	.65	.51	.30	.43	.24	AMP
				226.02	103.26	294.54	232.61	113.72	49.37	34.61	2.14	PHASE
205	-1.77	6.22	580	4.29	1.60	.23	.44	.51	.35	.56	.23	AMP
				228.23	113.89	22.34	203.55	134.54	46.14	20.82	14.23	PHASE
207	-.76	0.55	580	5.67	1.11	.00	.64	.67	.41	.49	.55	AMP
				223.26	117.94	69.16	182.55	136.65	52.23	43.76	.53	PHASE
208	.17	11.16	580	7.66	.86	1.61	.83	.97	.63	.43	.63	AMP
				216.99	127.33	60.77	190.96	94.30	52.67	30.92	332.14	PHASE
209	1.55	16.38	580	10.95	.67	2.60	1.57	1.76	1.68	1.31	.76	AMP
				217.60	186.83	64.38	245.44	46.05	61.48	86.56	53.23	PHASE
210	4.05	20.72	580	16.00	1.63	5.07	.27	8.03	6.39	3.60	2.04	AMP
				212.65	163.16	89.73	342.04	75.65	121.67	151.29	164.96	PHASE
211	-1.25	5.00	580	3.79	2.22	.62	.59	.31	.37	.16	.04	AMP
				251.63	115.98	60.06	194.40	174.39	2.89	354.17	324.42	PHASE
212	-.74	6.93	580	4.51	2.28	1.05	.54	.46	.29	.34	.17	AMP
				243.59	120.72	56.93	170.05	149.14	6.44	359.98	2.46	PHASE
213	-.26	8.30	580	5.37	2.45	1.54	.52	.60	.45	.28	.22	AMP
				238.68	129.27	61.59	170.30	148.20	14.95	15.29	358.69	PHASE
214	.27	9.22	580	6.65	2.56	2.30	.66	.78	.56	.16	.16	AMP
				232.68	134.97	58.34	174.77	149.23	22.60	23.11	334.02	PHASE
215	1.29	15.19	580	9.76	2.26	3.60	1.60	.89	1.40	.59	.49	AMP
				226.78	149.04	62.13	232.57	351.68	46.06	80.72	66.30	PHASE
216	2.18	19.46	580	12.09	2.30	4.27	2.19	3.50	3.03	1.32	1.25	AMP
				225.10	153.07	66.93	278.90	39.67	78.28	118.70	122.16	PHASE
217	3.32	25.40	580	14.61	2.59	5.78	1.72	6.29	4.94	2.30	1.81	AMP
				221.06	144.51	69.68	298.24	58.25	99.41	140.97	140.05	PHASE
218	-.33	6.02	580	3.60	2.12	.92	.53	.32	.29	.22	.08	AMP
				259.24	128.27	87.97	214.98	165.04	21.16	25.20	340.55	PHASE
219	.05	7.04	580	4.31	2.17	1.26	.51	.54	.35	.22	.18	AMP
				250.81	129.72	81.26	202.05	135.77	14.13	31.84	12.70	PHASE
220	.37	8.12	580	5.20	2.48	1.66	.60	.65	.57	.13	.21	AMP
				244.48	134.76	73.80	201.96	127.19	27.82	44.71	17.55	PHASE
221	.66	10.30	580	6.46	3.09	2.31	.85	.60	.66	.08	.24	AMP
				238.92	135.40	66.04	213.95	114.79	27.13	346.18	19.61	PHASE
222	.77	11.63	580	7.28	3.35	2.82	.88	.48	.71	.03	.26	AMP
				233.15	129.95	55.68	203.82	82.87	10.12	5.54	10.58	PHASE
223	1.23	14.48	580	9.37	3.24	3.57	1.62	.75	1.23	.32	.70	AMP
				227.01	136.99	56.23	218.88	345.18	5.43	37.63	29.96	PHASE

TABLE VI.- Continued

(c) $\mu = 0.30$; $M_T = 0.65$

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CQ/SIGMA
224	.3	2.6	-2.5	.03175	.00480	.00082
225	-.3	3.6	-.4	.05001	.00605	.00068
226	-.7	4.8	1.6	.06483	.00684	.00088
227	-1.1	5.9	3.6	.07985	.00746	.00124
228	-1.6	7.0	5.6	.09375	.00774	.00188
229	-2.2	8.3	7.6	.10525	.00732	.00313
230	-2.5	9.5	9.6	.11128	.00680	.00505
231	1.4	2.7	-.4	.03205	.00197	.00146
232	.6	3.5	1.6	.04902	.00181	.00165
233	-.2	4.4	3.6	.06544	.00159	.00208
234	-.9	5.6	5.5	.07915	.00089	.00281
235	-1.6	6.8	7.6	.09245	-.00011	.00377
236	-2.2	7.9	9.5	.10384	-.00113	.00524
237	-2.6	8.5	10.6	.10711	-.00181	.00630
238	1.1	2.6	1.6	.02668	-.00067	.00202
239	.4	3.7	3.6	.04379	-.00235	.00263
240	-.2	4.6	5.6	.05938	-.00389	.00341
241	-.9	5.7	7.6	.07376	-.00557	.00437
242	-1.5	6.9	9.6	.08717	-.00744	.00558
243	-2.4	8.1	11.7	.09880	-.00972	.00732
244	-2.9	8.8	12.6	.10027	-.01074	.00838
245	-1.1	6.0	7.2	.06868	-.00595	.00416
246	.7	4.4	5.6	.03864	-.00568	.00347
247	-.2	5.4	7.6	.05330	-.00847	.00465
248	-.8	6.5	9.5	.06634	-.01117	.00593
249	-1.7	7.7	11.6	.08089	-.01424	.00750
250	-2.4	8.8	13.6	.09251	-.01708	.00944
251	-2.8	9.6	14.6	.09620	-.01831	.01046

TABLE VI.- Continued

(c) Continued

FLAPWISE 25 PERCENT RADIUS												
RUN NO 35												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
224	44.61	24.63	600	11.06	11.24	5.91	3.42	3.21	2.56	2.59	.56	AMP
				138.58	328.37	91.32	35.59	29.22	306.42	233.87	159.54	PHASE
225	47.12	23.12	600	11.87	18.46	4.87	2.89	3.32	2.18	2.54	.33	AMP
				139.77	328.96	87.18	42.59	28.13	303.71	237.56	189.99	PHASE
226	49.11	22.13	600	18.99	9.74	4.52	2.91	3.78	2.58	2.62	.65	AMP
				136.98	326.94	75.95	43.78	2.31	286.11	239.25	186.56	PHASE
227	51.02	21.82	600	18.75	9.33	4.46	2.89	4.58	2.91	2.94	.88	AMP
				134.85	333.16	77.97	54.85	358.68	298.94	255.88	197.83	PHASE
228	52.83	23.36	600	18.32	8.98	4.25	2.55	4.73	2.85	2.77	1.37	AMP
				129.97	343.63	77.84	62.58	358.26	302.78	273.23	215.66	PHASE
229	54.24	28.17	600	9.99	9.31	3.29	2.65	5.54	3.27	4.19	2.88	AMP
				112.95	343.25	67.86	46.55	332.59	279.26	255.74	189.84	PHASE
230	54.78	31.12	600	18.93	12.65	.56	2.18	7.18	4.59	1.25	2.39	AMP
				98.57	348.88	249.42	51.65	322.58	322.74	267.23	179.42	PHASE
231	45.54	25.88	600	18.31	11.39	6.88	3.37	3.46	2.88	2.38	.43	AMP
				144.31	333.98	92.54	35.74	53.72	322.17	226.71	15.69	PHASE
232	47.91	22.16	600	9.88	18.46	4.82	2.73	3.71	1.53	2.16	.22	AMP
				145.18	337.88	95.53	58.87	46.96	319.29	248.11	5.72	PHASE
233	58.38	19.24	600	9.31	9.53	3.72	2.74	3.88	1.45	2.86	.38	AMP
				139.83	333.67	87.51	57.48	24.38	287.64	232.64	282.38	PHASE
234	52.43	18.28	600	8.96	9.24	3.13	2.57	3.39	1.48	1.94	.71	AMP
				134.92	348.86	188.86	84.86	31.61	279.75	245.88	161.81	PHASE
235	54.35	28.14	600	8.79	9.61	2.81	2.63	3.88	1.89	2.81	1.27	AMP
				122.87	338.18	91.21	71.54	358.16	259.94	234.44	157.51	PHASE
236	55.89	26.92	600	8.94	9.81	1.91	2.87	4.16	3.55	3.21	2.29	AMP
				186.89	342.82	88.81	46.58	311.48	267.88	258.59	198.81	PHASE
237	56.27	33.39	600	9.55	11.27	.87	3.45	6.82	4.55	2.54	2.39	AMP
				94.66	348.23	154.33	49.96	384.89	293.88	285.25	288.27	PHASE
238	46.49	22.21	600	8.68	11.38	5.65	3.98	2.15	.88	1.44	.33	AMP
				147.83	344.98	189.59	45.53	85.15	346.29	232.56	18.58	PHASE
239	48.94	28.86	600	8.38	18.87	4.92	3.49	2.88	.54	1.51	.42	AMP
				141.28	335.59	91.32	24.35	58.88	389.79	189.98	11.87	PHASE
240	51.42	19.15	600	7.81	18.36	4.14	2.97	1.74	.34	1.68	.21	AMP
				136.89	337.55	93.78	38.43	52.28	278.94	197.26	346.69	PHASE
241	53.66	18.52	600	7.64	18.61	3.59	2.88	1.38	.68	1.66	.19	AMP
				131.24	342.25	181.87	42.45	78.48	218.68	216.59	11.27	PHASE
242	55.98	17.98	600	7.39	18.43	3.12	2.14	.93	.99	1.75	.28	AMP
				115.91	338.93	99.98	36.45	59.84	286.46	195.53	66.78	PHASE
243	57.81	25.42	600	7.92	18.55	1.94	2.92	1.61	2.88	2.52	.89	AMP
				99.64	349.47	181.74	21.58	276.65	265.96	254.48	198.78	PHASE
244	58.48	28.64	600	8.71	11.22	1.41	3.92	2.65	3.62	2.19	1.17	AMP
				88.47	345.84	128.67	25.88	298.13	289.74	274.59	289.91	PHASE
245	53.87	18.81	600	7.98	18.58	3.65	2.78	1.65	.25	1.65	.17	AMP
				129.78	336.15	89.12	23.65	47.17	254.41	192.89	312.95	PHASE
246	49.81	16.52	600	7.24	8.74	3.59	3.88	1.88	.42	.87	.38	AMP
				142.75	347.19	95.44	29.48	48.81	329.88	224.55	278.35	PHASE
247	52.19	15.59	600	6.87	8.72	2.73	2.58	1.99	.14	.79	.58	AMP
				135.56	348.14	94.88	24.73	34.74	293.18	282.33	278.92	PHASE
248	54.58	15.95	600	6.73	9.18	2.18	2.59	1.67	.29	.92	.41	AMP
				125.55	346.87	83.24	18.18	27.85	197.79	197.28	265.81	PHASE
249	56.95	16.61	600	6.73	9.59	1.33	2.44	1.78	.42	.94	.83	AMP
				189.58	343.28	74.88	4.68	12.72	191.83	188.81	236.27	PHASE
250	58.97	22.21	600	7.74	18.27	1.52	3.14	.96	1.53	1.84	.76	AMP
				85.14	341.48	71.41	328.81	255.98	281.19	197.95	183.35	PHASE
251	59.55	26.36	600	9.16	18.69	.14	3.98	2.43	2.18	2.13	.98	AMP
				73.76	335.45	124.52	324.27	244.98	223.95	225.24	188.54	PHASE

TABLE VI.- Continued

(c) Continued

CHORDWISE 25 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
224	48.34	45.67	688	17.89	7.47	9.99	4.62	6.96	13.81	1.68	.45 AMP
				259.46	144.63	258.88	184.53	254.29	242.66	174.39	45.15 PHASE
225	45.58	63.47	688	31.35	18.13	13.58	5.28	18.88	15.83	1.68	.81 AMP
				282.98	162.77	274.55	183.62	258.56	288.51	194.93	81.51 PHASE
226	42.46	69.32	688	43.98	13.58	12.49	5.62	12.13	7.75	1.63	.27 AMP
				382.53	168.64	267.57	82.82	266.88	315.76	55.87	29.91 PHASE
227	39.74	71.84	688	58.61	15.28	14.59	7.15	18.38	6.62	.88	1.86 AMP
				328.48	165.87	263.31	88.22	288.42	324.85	228.27	23.17 PHASE
228	37.58	86.27	688	74.56	14.68	19.17	8.86	7.23	6.45	4.69	1.38 AMP
				334.49	172.75	269.88	88.67	329.63	359.47	291.19	47.23 PHASE
229	37.27	113.48	688	89.28	15.52	24.74	18.11	4.28	5.47	5.23	2.13 AMP
				348.67	171.71	264.67	61.46	338.38	5.83	388.13	48.33 PHASE
238	42.22	144.84	688	94.66	26.71	38.71	18.31	13.38	24.35	6.61	3.62 AMP
				358.89	197.53	274.97	84.67	181.79	284.84	227.91	27.43 PHASE
231	46.95	48.29	688	19.25	9.83	9.15	3.73	8.78	12.87	2.55	1.28 AMP
				284.43	157.27	283.69	127.32	298.31	247.25	149.66	48.47 PHASE
232	45.58	53.39	688	31.21	13.51	18.42	2.76	18.36	4.95	.75	1.29 AMP
				387.67	168.85	285.76	72.14	298.97	272.87	113.94	68.16 PHASE
233	44.89	68.52	688	45.29	15.13	11.28	5.72	9.98	7.72	.72	1.29 AMP
				323.49	168.84	261.15	59.78	294.27	287.27	94.31	53.99 PHASE
234	42.98	77.83	688	59.98	15.27	14.52	7.29	9.89	7.66	1.89	1.24 AMP
				336.81	188.79	268.68	73.62	388.53	329.48	354.82	72.18 PHASE
235	42.15	97.89	688	76.77	16.23	28.68	9.18	6.38	6.53	3.45	1.77 AMP
				348.65	187.47	263.13	59.85	388.79	385.26	384.79	13.66 PHASE
236	43.48	121.43	688	93.89	19.64	28.77	12.31	3.84	6.38	2.85	1.61 AMP
				352.93	195.55	267.83	53.37	158.74	64.23	2.99	16.49 PHASE
237	46.15	136.88	688	96.63	26.38	31.74	12.23	14.13	11.78	4.36	2.48 AMP
				358.73	283.23	267.56	68.58	182.46	178.14	158.35	349.35 PHASE
238	46.89	44.72	688	11.54	18.77	7.23	1.69	4.53	16.81	2.16	.58 AMP
				292.39	169.86	385.62	81.81	291.44	222.81	132.79	29.63 PHASE
239	47.43	49.96	688	23.43	16.18	9.79	2.69	5.88	11.24	1.48	.27 AMP
				313.51	172.39	283.91	2.61	259.55	198.73	88.85	39.29 PHASE
248	47.16	68.72	688	39.52	19.22	13.73	4.88	6.59	11.35	.57	.34 AMP
				331.27	185.83	266.46	21.85	273.99	245.58	226.66	76.63 PHASE
241	46.97	93.84	688	56.19	21.71	18.96	7.18	7.68	13.59	1.29	.29 AMP
				343.88	282.31	271.65	43.95	282.77	288.88	256.91	328.57 PHASE
242	46.76	116.77	688	78.84	23.28	25.17	9.85	6.29	12.79	2.87	.78 AMP
				347.85	286.18	267.28	45.21	254.64	286.59	263.98	284.89 PHASE
243	48.69	138.61	688	97.34	27.89	33.89	18.25	6.69	6.99	.84	1.29 AMP
				359.33	222.81	279.38	61.94	286.84	26.67	47.82	353.68 PHASE
244	51.74	147.17	688	184.67	34.28	37.26	9.69	11.75	8.39	5.38	1.62 AMP
				2.41	222.82	276.54	68.54	195.67	129.25	119.13	14.89 PHASE
245	47.18	88.59	688	48.86	28.99	17.78	5.84	7.51	12.63	.72	.28 AMP
				332.29	193.78	261.95	22.79	261.95	243.78	216.94	42.55 PHASE
246	48.32	52.64	687	23.29	16.21	8.35	4.87	4.92	13.85	1.98	.25 AMP
				335.96	188.72	288.89	27.38	246.45	228.87	183.95	198.23 PHASE
247	49.68	75.56	688	39.92	19.58	13.81	5.63	5.91	13.87	.81	.28 AMP
				342.98	283.45	266.45	23.14	252.71	265.94	135.69	166.79 PHASE
248	58.92	98.53	688	68.84	22.83	18.34	7.39	7.18	13.36	.49	.26 AMP
				347.88	213.46	253.92	27.12	235.68	279.15	168.98	277.38 PHASE
249	52.28	125.49	688	84.39	25.97	24.28	8.36	8.59	12.58	.48	.37 AMP
				349.62	213.51	253.68	25.71	213.34	281.84	256.97	273.29 PHASE
258	54.67	158.53	688	115.96	32.86	31.95	8.73	9.58	8.88	2.67	.68 AMP
				353.58	219.27	254.32	13.85	178.11	334.34	343.28	388.35 PHASE
251	55.79	181.23	682	129.89	47.16	35.33	5.42	11.86	18.18	5.87	1.88 AMP
				356.19	216.48	253.69	337.87	138.53	39.23	16.98	382.88 PHASE

TABLE VI.- Continued

(c) Continued

TORSION 28 PERCENT RADIUS												
RUN NO 35												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
224	6.81	6.35	608	2.25	2.49	1.31	.83	.23	.29	.15	.13	AMP
				49.88	282.42	148.52	23.98	158.41	368.81	289.76	114.73	PHASE
225	5.88	6.48	608	3.17	2.25	1.18	1.82	.37	.19	.17	.25	AMP
				47.65	282.35	156.96	36.58	183.21	14.29	248.68	178.24	PHASE
226	3.98	6.17	608	4.11	1.81	1.13	.56	.24	.87	.86	.24	AMP
				43.11	276.48	159.73	48.16	278.89	315.83	236.87	179.88	PHASE
227	2.52	7.29	608	5.61	.99	1.58	.45	.48	.17	.17	.22	AMP
				39.61	278.28	191.31	26.58	253.44	343.58	253.17	196.17	PHASE
228	.88	18.39	608	7.87	.36	1.97	.98	.83	.46	.18	.25	AMP
				38.18	176.88	221.79	3.64	324.53	51.11	278.25	289.69	PHASE
229	-1.74	16.56	608	11.78	1.69	2.87	1.38	.68	.38	.98	.22	AMP
				38.74	115.28	233.99	11.51	285.61	251.62	274.26	227.55	PHASE
230	-5.72	38.48	608	17.18	1.14	5.71	.88	6.81	5.56	3.62	2.27	AMP
				29.49	285.18	289.73	345.27	277.98	326.62	343.18	31.37	PHASE
231	5.21	6.37	608	1.91	2.58	1.34	1.89	.13	.27	.31	.22	AMP
				61.45	293.29	148.96	19.53	223.77	341.86	224.93	149.13	PHASE
232	4.48	5.66	608	2.45	2.27	1.11	.58	.41	.17	.25	.22	AMP
				59.83	382.86	156.91	36.73	283.28	272.88	227.51	193.75	PHASE
233	3.54	5.19	608	3.29	1.71	.88	.46	.36	.29	.25	.27	AMP
				49.76	383.48	181.68	28.19	268.39	221.56	219.81	178.78	PHASE
234	2.45	6.66	608	4.67	1.38	1.34	.74	.31	.29	.38	.28	AMP
				48.18	313.59	238.65	37.82	254.29	217.15	234.38	221.24	PHASE
235	.87	18.65	608	7.13	.61	2.46	1.36	.72	.43	.34	.25	AMP
				41.15	383.74	248.12	29.83	217.67	252.53	238.48	218.16	PHASE
236	-1.53	17.58	608	11.25	.91	3.88	2.29	3.58	2.39	1.56	.94	AMP
				35.89	98.66	245.68	84.84	282.18	256.81	289.65	329.95	PHASE
237	-3.46	24.47	608	14.16	.84	4.71	1.84	6.48	4.81	3.88	2.23	AMP
				32.18	123.85	265.17	119.54	238.35	285.75	314.44	359.68	PHASE
238	4.37	5.14	608	1.88	2.47	1.87	.72	.15	.11	.22	.19	AMP
				83.53	321.28	198.58	17.88	242.35	181.89	283.89	97.88	PHASE
239	3.79	5.89	608	2.41	2.81	1.19	.58	.19	.14	.15	.11	AMP
				69.91	312.19	189.19	18.83	269.68	148.86	133.73	77.26	PHASE
240	3.18	6.75	608	3.19	2.87	1.54	.69	.12	.21	.17	.15	AMP
				68.24	316.47	215.99	16.34	152.93	178.43	188.11	131.52	PHASE
241	2.17	8.44	608	4.54	2.92	2.33	1.37	.63	.49	.24	.18	AMP
				55.21	328.74	242.41	34.89	151.78	228.27	264.25	152.51	PHASE
242	.96	11.81	608	6.78	2.31	3.63	1.97	.96	.78	.37	.28	AMP
				45.26	317.41	239.57	22.99	146.63	223.48	277.82	131.42	PHASE
243	-1.87	18.23	608	18.63	1.15	3.99	3.87	3.63	2.26	1.16	.63	AMP
				42.75	355.48	252.88	98.66	197.28	268.59	385.84	331.89	PHASE
244	-2.51	23.81	608	12.98	1.28	5.89	2.66	5.56	4.89	2.38	1.58	AMP
				37.99	338.88	282.62	111.99	214.48	273.21	312.97	346.19	PHASE
245	2.41	7.87	608	3.95	3.15	2.87	.94	.37	.34	.21	.14	AMP
				55.39	314.36	222.84	12.77	128.67	184.75	211.92	128.38	PHASE
246	3.38	5.84	607	2.34	2.68	1.46	.68	.89	.17	.16	.16	AMP
				69.99	322.57	225.14	34.47	239.22	173.23	193.84	128.78	PHASE
247	2.72	6.87	608	2.99	2.92	1.75	.69	.27	.33	.19	.13	AMP
				62.53	324.43	236.22	37.52	223.16	191.66	233.82	145.15	PHASE
248	2.14	7.82	608	3.86	3.38	2.11	.98	.82	.57	.27	.13	AMP
				58.72	322.55	238.67	38.63	194.87	195.93	251.94	148.32	PHASE
249	1.46	9.36	608	5.24	3.47	2.84	1.88	.78	.79	.31	.15	AMP
				49.78	317.78	239.22	28.13	164.78	191.82	251.86	135.79	PHASE
250	-.14	15.38	608	8.81	2.63	3.94	2.73	2.55	1.71	.78	.38	AMP
				39.14	322.84	235.85	39.68	137.11	183.12	238.28	233.28	PHASE
251	-1.17	19.51	602	18.88	2.31	4.58	3.13	4.15	2.64	1.27	.83	AMP
				34.21	328.29	225.69	58.57	143.43	189.18	239.98	259.32	PHASE

TABLE VI.- Continued

(c) Continued

FLAPWISE 37 PERCENT RADIUS												
RUN NO		35										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
224	28.03	28.41	608	15.73	13.73	6.63	2.13	1.88	.66	.15	.84	AMP
				137.16	338.52	88.48	35.64	35.86	318.21	215.97	242.87	PHASE
225	31.13	26.81	608	16.36	12.48	5.54	1.68	1.94	.46	.32	.17	AMP
				138.05	338.75	74.73	48.17	23.83	381.84	282.88	158.33	PHASE
226	33.14	26.63	608	16.84	11.62	5.33	1.69	2.19	.64	.38	.12	AMP
				136.18	327.48	68.61	58.88	2.75	282.83	214.18	157.39	PHASE
227	35.11	26.63	608	17.32	11.17	5.81	1.88	2.75	.88	.42	.13	AMP
				136.18	332.32	62.13	68.88	351.78	291.78	213.57	165.98	PHASE
228	37.83	25.95	608	17.54	18.32	6.85	1.58	2.98	.72	.46	.81	AMP
				135.88	339.79	63.94	88.85	1.52	297.52	238.53	187.93	PHASE
229	38.73	26.78	608	17.41	11.66	5.55	1.64	3.64	.75	.38	.48	AMP
				128.23	336.83	55.26	76.17	336.63	285.75	216.84	359.77	PHASE
230	39.62	33.92	608	17.14	17.58	2.79	1.84	4.47	.83	.56	.28	AMP
				126.15	335.62	72.57	188.86	332.88	316.32	173.33	137.52	PHASE
231	38.86	27.35	608	15.19	14.28	6.92	2.89	2.33	.58	.33	.24	AMP
				139.61	337.19	81.58	35.56	58.86	338.98	224.96	287.72	PHASE
232	32.37	25.94	608	15.52	12.99	5.61	1.76	2.35	.51	.28	.21	AMP
				141.89	341.26	82.25	1.76	2.35	47.31	317.84	228.29	PHASE
233	34.67	24.61	608	15.69	11.65	4.59	2.81	2.42	.44	.43	.88	AMP
				137.32	336.36	71.82	72.71	23.51	284.77	285.75	258.65	PHASE
234	36.79	24.88	608	15.83	11.22	4.36	2.84	2.31	.44	.42	.89	AMP
				137.68	341.74	81.82	182.81	28.12	278.35	221.88	272.86	PHASE
235	38.67	25.85	608	16.21	11.74	4.63	2.87	2.25	.61	.43	.15	AMP
				131.56	337.18	72.46	94.81	356.19	248.98	289.71	336.65	PHASE
236	48.66	27.31	608	16.31	12.83	4.61	1.88	3.12	.88	.28	.43	AMP
				128.33	338.29	66.87	78.73	321.76	247.25	198.51	43.84	PHASE
237	41.38	38.79	608	16.24	15.31	3.58	2.23	4.32	.95	.35	.56	AMP
				124.81	336.39	79.24	78.54	318.28	282.55	142.59	77.69	PHASE
238	31.85	26.39	608	13.28	14.35	6.79	2.64	1.43	.38	.24	.28	AMP
				141.54	348.51	188.24	44.44	67.77	338.13	255.18	288.75	PHASE
239	34.38	25.48	608	13.54	13.91	6.38	2.29	1.34	.23	.19	.38	AMP
				137.21	339.27	82.56	27.94	41.28	292.89	226.69	178.28	PHASE
240	36.81	25.14	608	13.93	13.85	5.74	2.88	1.15	.21	.22	.27	AMP
				136.21	348.42	81.74	39.16	38.83	248.88	284.48	172.22	PHASE
241	39.86	24.94	608	14.48	13.88	5.59	1.88	.77	.41	.24	.28	AMP
				135.98	344.78	88.58	57.73	33.86	231.87	231.88	189.65	PHASE
242	41.34	24.84	608	14.68	12.75	5.52	1.37	.61	.52	.24	.12	AMP
				129.45	348.94	83.85	62.33	355.26	227.79	268.83	193.52	PHASE
243	43.55	25.17	608	14.51	13.43	5.11	1.66	1.69	.81	.18	.16	AMP
				128.83	348.51	85.86	33.84	387.88	269.19	24.74	63.39	PHASE
244	44.35	27.98	608	14.42	14.68	5.88	2.63	2.39	1.87	.21	.38	AMP
				123.88	344.87	87.85	38.18	388.11	285.41	52.34	98.88	PHASE
245	38.65	24.24	608	14.22	13.89	5.59	1.74	.95	.31	.25	.29	AMP
				133.52	339.52	77.38	34.43	19.58	228.31	218.49	164.87	PHASE
246	36.23	28.82	607	11.75	11.39	5.14	1.87	1.51	.27	.18	.21	AMP
				139.39	358.69	87.94	23.98	33.98	281.37	196.83	157.58	PHASE
247	38.58	28.68	608	12.17	11.38	4.71	1.64	1.57	.38	.28	.23	AMP
				138.13	353.35	84.18	19.43	22.18	256.48	223.75	167.83	PHASE
248	48.94	21.78	608	12.74	11.95	4.56	1.48	1.37	.36	.22	.25	AMP
				136.41	348.86	76.86	14.11	8.18	241.48	257.51	165.97	PHASE
249	43.57	22.58	608	13.17	12.39	4.25	1.18	1.48	.39	.27	.16	AMP
				132.64	344.54	68.27	.13	351.74	228.81	279.12	129.88	PHASE
250	45.98	23.49	608	13.54	12.88	3.89	1.82	1.33	.65	.32	.15	AMP
				125.12	348.29	65.38	317.84	278.73	225.92	388.87	17.72	PHASE
251	46.77	26.81	602	13.68	13.69	4.28	2.48	2.18	.81	.27	.26	AMP
				119.98	334.32	62.83	326.48	261.88	236.78	329.93	12.29	PHASE

TABLE VI.- Continued

(c) Continued

CHORDWISE 37 PERCENT RADIUS												
RUN NO 35												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
224	32.17	47.35	688	16.27	7.83	6.77	4.74	8.36	19.47	1.94	.29	AMP
				264.38	135.18	257.41	182.52	258.47	243.98	175.91	35.77	PHASE
225	29.29	62.84	688	25.59	9.66	18.91	6.32	12.85	24.89	1.58	.76	AMP
				285.82	154.88	285.28	99.58	261.29	281.87	199.22	49.98	PHASE
226	25.59	61.85	688	34.51	13.84	11.18	7.55	14.37	13.86	3.85	.34	AMP
				382.91	154.32	283.65	85.89	278.29	323.89	48.78	326.57	PHASE
227	22.35	66.83	688	45.83	15.29	12.59	9.17	13.46	18.98	1.82	1.75	AMP
				319.75	168.15	284.51	83.58	295.71	338.21	131.74	25.47	PHASE
228	19.18	78.66	688	58.59	15.74	15.67	18.25	11.46	11.43	5.86	2.61	AMP
				333.28	167.21	291.19	82.16	338.58	13.78	287.95	51.18	PHASE
229	17.31	93.86	688	69.89	18.43	22.59	13.16	9.13	18.89	8.56	3.98	AMP
				339.64	166.77	284.17	62.25	338.83	15.85	294.18	29.56	PHASE
238	28.97	124.65	688	72.74	29.83	28.64	12.84	11.75	34.28	13.85	5.42	AMP
				358.16	196.58	388.39	96.23	194.93	285.42	221.23	51.56	PHASE
231	38.52	48.78	688	16.71	7.56	6.34	3.78	18.85	17.86	4.84	.81	AMP
				282.99	147.73	299.73	123.25	289.83	258.17	137.22	43.61	PHASE
232	28.78	46.86	688	25.81	11.26	8.15	3.65	11.59	7.28	1.72	.46	AMP
				384.46	161.42	381.15	77.86	298.74	291.97	112.74	45.21	PHASE
233	26.78	54.93	688	34.83	13.23	9.84	7.38	12.38	11.29	2.53	1.11	AMP
				328.13	161.98	288.37	66.88	294.91	297.88	122.96	27.48	PHASE
234	24.72	65.86	688	45.55	14.16	11.88	8.79	11.92	11.45	.67	1.48	AMP
				333.18	174.37	288.12	88.83	311.21	339.82	267.61	56.83	PHASE
235	22.67	77.24	688	58.32	15.84	16.97	18.78	18.85	18.52	5.45	2.58	AMP
				337.94	179.42	282.84	65.18	314.28	344.24	285.18	9.93	PHASE
236	22.55	95.84	688	78.17	21.13	25.83	15.52	.85	9.99	2.72	2.85	AMP
				358.71	189.47	286.45	57.68	344.64	57.43	329.45	19.16	PHASE
237	24.66	128.86	688	72.31	28.85	28.15	14.66	14.42	15.58	7.94	3.78	AMP
				357.55	198.33	287.93	69.33	198.52	175.64	152.28	.85	PHASE
238	29.85	47.64	688	18.47	8.34	4.81	2.12	5.22	22.74	3.89	.39	AMP
				289.58	163.95	332.89	68.53	298.18	228.48	149.88	348.85	PHASE
239	29.69	44.88	688	18.38	12.86	7.85	3.11	6.62	15.11	2.55	.52	AMP
				388.83	169.25	388.82	9.84	268.67	189.87	111.46	42.44	PHASE
248	28.72	55.96	688	29.52	14.78	9.44	5.38	8.84	15.32	2.12	.81	AMP
				326.34	182.14	286.28	29.85	272.87	246.91	284.55	89.92	PHASE
241	27.64	78.91	688	41.68	17.38	13.71	7.59	9.44	28.45	3.46	.46	AMP
				338.69	198.59	298.48	52.88	279.72	281.85	251.54	124.85	PHASE
242	26.23	98.37	688	57.83	19.39	19.61	9.68	8.25	19.98	5.19	.87	AMP
				343.64	288.37	283.46	53.66	252.98	285.62	268.14	179.82	PHASE
243	26.47	111.82	688	71.76	25.25	28.52	12.38	8.32	18.38	1.45	1.86	AMP
				356.78	215.22	295.83	66.55	216.54	13.65	14.89	342.42	PHASE
244	29.83	127.84	688	76.47	31.68	31.36	12.53	15.43	9.18	9.72	1.64	AMP
				315.46	215.46	293.71	68.93	281.88	142.82	118.63	14.59	PHASE
245	27.85	69.54	688	36.44	16.33	12.57	6.36	9.12	18.58	2.58	.77	AMP
				328.88	198.17	279.84	31.85	259.44	244.54	286.37	49.73	PHASE
246	29.99	48.41	687	16.68	12.26	5.78	4.64	5.58	18.97	3.88	1.83	AMP
				331.88	188.25	315.82	29.36	246.82	227.81	189.46	189.88	PHASE
247	38.57	63.13	688	28.23	14.58	8.13	6.82	6.69	19.69	1.47	.76	AMP
				338.44	282.17	283.17	25.68	254.69	264.98	172.28	121.98	PHASE
248	38.87	82.22	688	42.77	17.14	11.91	7.84	7.93	28.57	1.45	.66	AMP
				343.73	289.28	274.27	27.66	237.78	276.18	216.32	99.49	PHASE
249	31.88	99.17	688	59.65	19.84	16.79	9.18	9.42	19.76	2.25	.34	AMP
				346.85	214.87	287.54	27.44	213.66	277.82	252.69	76.87	PHASE
258	31.77	123.56	688	81.97	25.66	25.39	18.88	11.28	12.87	5.83	1.18	AMP
				358.76	215.67	268.51	13.51	169.97	321.77	333.87	299.39	PHASE
251	32.83	143.98	682	98.91	33.37	29.48	8.23	14.83	11.43	18.43	2.34	AMP
				353.89	212.28	268.68	358.51	148.18	38.86	13.52	281.78	PHASE

TABLE VI.- Continued

(c) Continued

TORSION 36 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
224	4.86	5.12	688	2.32	1.96	1.13	.68	.22	.16	.84	.87 AMP
				29.36	257.77	136.65	.83	141.97	339.56	51.28	18.74 PHASE
225	3.17	5.23	688	3.15	1.77	1.88	.73	.33	.17	.85	.12 AMP
				38.88	259.21	142.59	7.89	149.86	22.83	236.12	119.47 PHASE
226	2.15	5.88	688	3.96	1.48	1.23	.31	.21	.89	.18	.13 AMP
				28.13	254.99	141.61	4.92	213.68	87.48	311.74	128.28 PHASE
227	.87	6.58	688	5.22	.83	1.78	.29	.48	.84	.86	.12 AMP
				26.74	268.56	166.25	322.66	191.82	328.53	297.42	144.97 PHASE
228	-.78	9.25	688	7.16	.38	2.16	.86	.51	.38	.84	.28 AMP
				26.77	149.48	191.26	315.67	279.89	19.86	26.94	168.83 PHASE
229	-2.93	14.42	688	18.46	1.49	2.88	1.24	.33	.27	.55	.18 AMP
				28.49	98.98	199.33	324.83	215.66	199.48	232.48	218.84 PHASE
238	-6.84	23.99	688	15.45	.64	4.88	1.49	5.68	4.95	2.85	1.65 AMP
				17.97	386.34	259.98	385.25	239.24	286.23	384.88	338.52 PHASE
231	3.28	5.28	688	2.17	1.96	1.13	.82	.22	.11	.18	.11 AMP
				36.29	269.71	137.74	355.16	218.52	318.87	174.46	89.65 PHASE
232	2.53	4.82	688	2.78	1.75	1.84	.39	.49	.11	.88	.12 AMP
				37.58	279.82	144.68	12.83	242.99	177.83	177.76	135.98 PHASE
233	1.59	4.53	688	3.51	1.29	.89	.25	.43	.25	.11	.14 AMP
				32.54	288.88	168.69	348.94	228.38	148.92	174.47	126.91 PHASE
234	.68	5.99	688	4.66	1.81	1.32	.58	.33	.32	.23	.17 AMP
				34.58	293.83	199.32	351.13	214.42	146.74	197.82	172.89 PHASE
235	-.83	9.27	688	6.74	.47	2.24	1.82	.68	.32	.19	.17 AMP
				38.13	284.71	288.87	346.64	175.86	189.37	218.54	171.93 PHASE
236	-3.89	15.33	688	18.33	.94	2.78	1.62	3.11	2.81	1.24	.71 AMP
				25.12	88.48	211.88	58.52	163.39	212.17	247.79	278.14 PHASE
237	-5.83	21.11	688	13.81	.38	3.93	1.15	5.43	4.88	2.54	1.63 AMP
				21.85	81.47	235.81	184.48	192.68	244.53	272.17	385.51 PHASE
238	2.43	4.36	688	1.95	1.82	1.83	.46	.22	.13	.12	.12 AMP
				58.49	382.23	178.91	344.43	242.15	97.63	128.19	24.26 PHASE
239	1.88	4.98	688	2.62	2.17	1.18	.27	.27	.19	.13	.87 AMP
				43.78	293.79	171.62	354.36	248.87	93.12	35.38	21.32 PHASE
248	1.87	5.98	688	3.46	2.25	1.49	.41	.87	.19	.87	.89 AMP
				48.39	298.88	192.67	346.78	167.12	184.22	184.93	63.98 PHASE
241	.12	7.49	688	4.72	2.29	2.17	1.88	.47	.37	.14	.12 AMP
				48.31	382.75	217.11	4.79	118.29	159.83	223.47	72.54 PHASE
242	-1.89	11.88	688	6.65	1.73	3.27	1.61	.81	.58	.38	.17 AMP
				33.95	297.95	213.97	351.45	112.58	172.44	238.26	52.94 PHASE
243	-3.18	16.77	688	18.19	.68	3.58	2.68	3.18	1.81	.98	.46 AMP
				33.28	358.76	223.21	66.34	161.48	217.58	264.25	288.38 PHASE
244	-4.54	28.82	688	12.22	.78	4.38	2.23	4.82	3.35	2.82	1.17 AMP
				28.49	338.79	225.49	91.15	178.77	232.46	268.63	295.42 PHASE
245	.33	7.84	688	4.18	2.58	1.97	.64	.27	.28	.89	.89 AMP
				38.21	297.81	193.49	343.69	96.22	123.24	166.95	46.22 PHASE
246	1.26	5.25	687	2.64	2.16	1.45	.43	.12	.16	.89	.11 AMP
				44.18	385.68	283.18	11.78	238.52	118.28	128.98	42.41 PHASE
247	.62	6.84	688	3.31	2.48	1.68	.43	.24	.27	.13	.89 AMP
				41.95	387.69	218.35	15.23	192.63	133.94	193.28	55.97 PHASE
248	-.81	7.12	688	4.14	2.73	1.95	.68	.43	.46	.22	.88 AMP
				39.43	385.16	218.45	13.37	156.29	148.97	212.74	51.99 PHASE
249	-.77	8.48	688	5.33	2.85	2.58	1.85	.58	.64	.29	.14 AMP
				36.48	388.88	218.58	359.86	128.59	139.14	211.21	47.36 PHASE
258	-2.37	13.89	688	8.49	1.99	3.38	2.44	2.23	1.39	.61	.24 AMP
				29.48	383.37	288.28	14.85	188.59	139.24	194.44	197.72 PHASE
251	-3.44	17.32	682	18.38	1.65	3.72	2.88	3.61	2.19	1.88	.64 AMP
				24.91	381.43	199.95	35.38	187.65	148.98	192.61	213.53 PHASE

TABLE VI.- Continued

(c) Continued

FLAPWISE 51 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
224	15.25	32.84	608	18.35	17.33	7.51	.71	.39	1.27	2.40	.85 AMP
				132.77	327.64	62.02	341.21	281.14	185.22	37.78	333.74 PHASE
225	17.82	32.30	608	19.16	15.61	6.77	.64	.12	1.26	2.37	.72 AMP
				133.94	326.70	54.41	323.07	159.72	97.85	44.74	346.27 PHASE
226	20.03	31.38	608	20.00	14.38	6.76	.65	.39	1.32	2.15	.98 AMP
				132.94	321.64	41.50	333.24	126.94	84.13	49.53	344.82 PHASE
227	22.32	31.96	608	20.98	13.62	7.42	.65	.57	1.57	2.42	1.20 AMP
				133.54	324.82	43.96	354.47	110.04	85.81	63.73	359.36 PHASE
228	24.67	32.30	608	21.93	13.01	7.80	.34	.65	1.42	2.51	1.81 AMP
				133.99	329.99	46.59	354.96	142.81	94.67	80.10	22.55 PHASE
229	26.61	35.33	608	22.35	14.07	7.72	.26	.50	1.85	3.76	3.17 AMP
				128.78	325.21	35.26	170.08	129.53	65.55	66.50	359.96 PHASE
230	27.38	39.32	608	21.76	22.82	5.14	1.47	1.91	2.73	.95	2.65 AMP
				131.05	330.04	55.93	198.19	88.16	129.37	77.99	350.56 PHASE
231	16.75	34.20	608	18.37	17.76	7.61	.80	.57	1.97	2.09	.20 AMP
				134.93	334.14	62.75	334.80	261.51	114.45	33.03	192.17 PHASE
232	19.13	32.09	608	18.82	16.02	6.66	.60	.03	.89	1.84	.14 AMP
				136.67	337.28	60.55	350.81	59.93	100.81	49.14	36.84 PHASE
233	21.78	30.61	608	19.47	14.18	6.02	.48	.21	.95	1.75	.57 AMP
				133.83	330.23	46.27	4.99	74.27	79.72	43.36	7.68 PHASE
234	24.18	29.59	608	19.93	13.50	5.81	.16	.40	.94	1.79	.91 AMP
				135.56	333.63	53.75	352.50	77.79	80.18	50.66	353.51 PHASE
235	26.52	30.03	608	21.11	13.70	6.36	.07	.75	1.19	2.06	1.47 AMP
				130.35	329.17	47.62	277.18	58.11	66.85	51.15	344.54 PHASE
236	28.84	32.90	608	21.71	15.00	7.03	.17	1.47	2.24	3.35	2.57 AMP
				129.48	331.25	47.45	244.03	42.43	72.51	74.22	6.69 PHASE
237	29.72	35.95	608	21.67	18.78	5.96	.51	2.27	2.88	2.61	2.58 AMP
				127.30	331.49	59.23	180.89	47.50	101.27	95.67	14.10 PHASE
238	19.30	32.98	608	16.95	17.67	7.33	.87	.81	.36	1.32	.19 AMP
				136.41	345.78	81.72	2.93	299.00	160.89	31.35	261.73 PHASE
239	21.74	31.49	608	17.34	16.77	7.16	.77	.83	.17	.34	.21 AMP
				131.52	335.27	60.54	338.32	286.55	84.40	356.52	239.36 PHASE
240	24.41	30.67	608	18.12	15.50	6.95	.40	.83	.20	1.52	.04 AMP
				131.39	335.09	57.60	322.60	298.38	79.93	6.31	218.39 PHASE
241	26.88	30.68	608	19.10	15.32	7.26	.56	.88	.29	1.49	.11 AMP
				132.12	338.44	64.74	287.96	325.85	63.00	25.37	285.90 PHASE
242	29.50	30.70	608	19.67	14.72	7.39	.74	.96	.44	1.64	.31 AMP
				127.78	333.09	57.83	234.51	318.54	27.09	5.70	273.44 PHASE
243	32.22	31.84	608	19.80	15.80	7.72	1.32	1.88	1.52	2.29	1.19 AMP
				130.41	340.66	63.71	279.35	8.53	90.20	67.60	10.79 PHASE
244	33.26	34.49	608	19.65	17.87	7.94	.62	2.20	2.14	1.98	1.40 AMP
				123.64	337.43	68.25	278.53	18.37	113.33	86.70	25.30 PHASE
245	26.49	30.30	608	18.64	15.26	7.24	.50	.88	.17	1.46	.05 AMP
				129.34	332.38	52.69	288.45	295.70	89.57	.31	16.90 PHASE
246	24.89	25.22	607	14.92	13.57	6.20	.55	.72	.19	.65	.36 AMP
				135.29	346.21	67.35	303.99	294.41	156.45	16.63	70.92 PHASE
247	27.40	25.27	608	15.50	13.14	6.14	.48	.71	.16	.66	.46 AMP
				134.47	345.39	61.58	203.77	301.93	112.27	5.03	90.64 PHASE
248	29.89	26.01	608	16.34	13.52	6.62	.53	.80	.11	.71	.35 AMP
				133.36	342.57	54.53	250.51	312.09	62.85	358.93	91.23 PHASE
249	32.71	26.86	608	17.12	13.72	6.97	.76	.93	.15	.79	.36 AMP
				131.15	337.21	45.90	213.29	303.65	357.96	344.04	54.20 PHASE
250	35.52	28.68	608	18.07	14.45	7.20	1.21	1.48	.74	1.63	.91 AMP
				127.21	331.85	40.03	217.92	303.38	14.47	10.06	.78 PHASE
251	36.47	30.98	602	18.21	15.84	8.09	.53	1.78	.95	1.75	1.06 AMP
				124.73	326.45	38.77	216.36	311.55	49.63	7.92	PHASE

TABLE VI.- Continued

(c) Continued

CHORDWISE 51 PERCENT RADIUS											
RUN NO		35									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
224	42.57	48.56	688	14.71	5.27	4.89	4.37	9.53	23.88	1.62	.81
				264.58	132.58	261.84	187.25	259.28	246.63	176.46	338.75
				22.18	7.78	8.44	6.36	13.33	29.34	1.88	.71
225	39.82	61.64	688	284.89	154.24	295.12	181.39	262.89	283.71	288.58	56.76
				29.68	18.79	8.69	7.88	15.55	16.49	6.18	.58
226	37.44	57.77	688	381.54	153.96	294.37	84.61	271.38	328.82	46.84	275.18
				39.64	12.94	18.12	9.81	14.53	14.87	2.94	1.95
227	34.46	63.55	688	317.72	156.76	294.29	82.83	299.28	345.74	115.15	35.85
				51.32	13.92	14.26	11.58	12.67	15.82	7.89	3.85
228	38.62	78.19	688	338.95	168.43	299.89	78.52	346.68	21.45	285.13	59.69
				61.78	18.27	21.83	15.82	18.18	13.73	8.82	4.98
229	27.51	98.94	688	338.51	159.59	291.84	58.89	348.32	21.61	295.11	26.24
				63.38	38.71	31.63	15.68	13.16	48.45	18.57	7.81
238	29.19	128.36	688	359.29	194.27	313.14	95.42	281.15	286.33	223.26	61.27
				14.74	5.61	4.53	3.66	11.34	21.27	4.97	.47
231	48.16	48.88	688	282.91	147.28	324.28	127.11	289.84	253.86	136.18	82.57
				21.65	8.73	5.96	3.95	12.81	8.96	2.68	.84
232	38.64	43.43	688	382.41	162.67	318.24	82.81	299.44	298.74	112.46	11.22
				29.75	18.65	6.69	7.95	13.66	13.77	3.94	.57
233	37.12	53.57	688	316.73	161.78	293.35	68.77	295.55	383.95	125.34	51.93
				38.78	11.52	9.33	9.33	13.28	14.33	.99	.88
234	35.59	68.82	688	329.43	172.16	298.18	83.49	312.94	344.68	214.28	62.16
				49.98	13.18	14.37	11.57	11.17	13.57	5.87	2.58
235	33.54	68.75	688	334.48	175.46	298.78	66.18	318.97	358.88	282.72	4.68
				59.85	28.84	25.81	18.23	19.48	58.65	338.72	15.48
236	32.28	91.24	688	349.12	184.91	295.54	58.12	16.38	18.84	11.53	5.12
				61.89	29.87	29.29	16.65	16.38	18.84	11.53	5.12
237	33.15	116.18	688	358.81	194.29	298.77	73.72	285.19	178.84	159.24	4.89
				9.57	6.17	4.26	2.27	6.44	27.19	4.82	.17
238	39.88	52.81	688	298.86	166.54	9.53	47.16	291.58	222.99	159.16	359.27
				16.25	9.16	5.79	3.44	7.87	17.68	3.48	.78
239	39.44	44.91	688	385.82	173.15	337.67	8.98	261.81	191.47	118.74	63.56
				25.18	11.27	6.95	5.79	9.48	19.66	2.95	1.55
248	38.35	59.63	688	321.78	185.74	388.88	33.17	272.83	258.38	287.87	118.88
				35.88	13.47	18.98	8.84	11.24	25.33	4.47	1.45
241	37.13	76.94	688	333.86	281.88	388.79	55.41	279.11	284.14	256.31	145.44
				48.78	15.55	16.93	18.36	18.28	25.21	6.58	.71
242	35.16	92.93	688	339.81	199.86	296.79	55.28	251.74	288.24	266.57	144.27
				68.56	23.41	27.81	14.42	18.28	12.88	1.65	1.13
243	33.95	184.84	688	355.21	211.83	388.24	78.12	228.57	14.37	52.59	348.75
				53.81	38.56	31.11	14.81	18.87	18.54	13.17	1.63
244	35.76	126.22	688	.86	211.56	386.73	76.36	284.87	151.83	125.38	11.69
				38.97	12.64	9.75	6.77	18.73	22.65	3.43	1.39
245	37.76	69.48	688	323.75	193.81	298.38	33.61	259.52	248.81	288.17	75.11
				14.13	9.88	5.88	5.87	6.57	22.96	4.17	2.83
246	39.27	48.64	687	328.39	192.91	345.48	28.88	248.64	238.47	113.84	111.58
				23.47	11.68	5.92	6.53	7.64	24.32	2.14	1.57
247	39.28	68.37	688	335.82	286.42	385.98	27.28	256.68	267.48	188.93	127.33
				35.18	13.53	9.89	8.38	8.87	25.78	2.12	1.42
248	39.84	75.76	688	339.94	214.38	292.33	28.83	239.74	278.26	224.86	116.81
				48.68	15.41	13.76	9.98	18.94	24.75	2.86	1.85
249	38.59	98.28	688	342.32	218.34	283.23	27.52	214.94	277.98	254.87	78.63
				66.48	22.72	24.23	12.94	13.28	15.48	6.28	1.73
258	38.24	111.23	688	348.71	215.26	281.85	17.74	171.93	328.73	342.65	318.26
				72.71	29.74	29.36	18.96	17.37	12.55	13.38	3.28
251	38.88	129.82	682	352.74	218.18	282.18	12.57	141.84	42.89	21.66	291.82

TABLE VI.- Continued

(c) Continued

TORSION 5# PERCENT RADIUS											
RUN NO		35									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
224	1.14	3.7#	6#8	1.87	1.48	.72	.46	.#8	.1#	.16	.11
				52.87	274.15	148.53	46.57	145.43	62.66	69.51#	1.43
225	.69	3.86	6#8	2.29	1.51	.64	.52	2.19	.18	.#5	.#8
				52.47	277.19	143.41	52.95	153.85	92.81	9#.1#	59.36
226	.15	3.9#	6#8	2.63	1.46	.75	.22	.11	.2#	.16	.14
				49.86	278.81	136.85	71.83	251.28	126.83	8.6#	99.86
227	- .55	4.22	6#8	3.23	1.19	1.82	.84	.26	.89	.15	.11
				46.76	292.85	163.43	3#6.5#	2#2.78	138.96	26.89	13#7.9
228	-1.34	5.22	6#8	4.13	.78	1.37	.53	.27	.25	.21	.18
				43.96	319.88	187.13	316.1#	3#6.48	6#8.69	74.83	185.48
229	-2.68	8.21	6#8	5.93	1.85	1.9#	.8#	.2#	.15	.17	.2#
				31.46	22.47	189.34	316.94	238.84	237.83	288.41	273.13
23#	-6.87	17.57	6#8	1#.#8#	1.79	3.81	1.83	3.94	4.31	2.18	1.27
				22.81	355.65	262.99	325.42	265.9#	324.16	1.29	5.8#
231	.46	3.82	6#8	1.9#	1.48	.71	.54	.15	.#3	.87	.#7
				56.61	287.64	147.51	33.44	273.81	95.85	79.26	86.46
232	.#5	3.66	6#8	2.23	1.43	.59	.3#	.36	.15	.#4	.#7
				57.45	294.71	149.84	64.13	269.93	175.43	45.22	144.39
233	- .42	3.49	6#8	2.59	1.32	.47	.13	.33	.25	.#1	.#8
				53.65	295.56	149.72	94.79	256.17	153.95	269.69	123.51
234	- .92	4.18	6#8	3.14	1.35	.69	.11	.18	.12	.12	.12
				54.87	3#9.83	19#.#3	9.23	262.74	16#.#8	254.86	194.47
235	-1.62	5.22	6#8	4.13	1.28	1.25	.42	.32	.3#	.12	.15
				45.52	315.5#	2#8.53	34#7.4	199.65	186.65	3#9.85	178.63
236	-3.89	1#2.27	6#8	6.38	1.2#	1.93	.54	2.11	1.55	.98	.47
				35.13	14.8#	195.17	1#7.56	186.76	24#8.5	3#4.16	329.38
237	-4.68	15.81	6#8	8.53	1.24	2.48	.52	3.8#	3.38	2.89	1.89
				29.89	8.87	229.74	181.43	217.35	279.66	327.74	35#8.85
238	- .#2	3.39	6#8	1.85	1.46	.61	.24	.21	.14	.12	.#8
				67.53	318.8#	189.3#	34.28	3#7.51	125.36	1#3.3#	49.49
239	- .38	3.98	6#8	2.31	1.71	.72	.2#	.26	.17	.17	.#4
				58.61	3#7.83	181.23	58.79	29#8.6	11#8.7	42.11	83.59
24#	- .77	4.71	6#8	2.81	1.89	.88	.19	.12	.23	.#9	.#7
				55.62	31#8.43	197.75	51.72	333.37	1#2.85	87.48	57.34
241	-1.23	5.9#	6#8	3.49	2.14	1.24	.45	.28	.36	.12	.17
				54.94	316.34	218.51	36.81	93.95	152.55	281.27	58.77
242	-1.82	6.78	6#8	4.5#	2.83	1.81	.72	.42	.44	.31	.22
				47.94	313.39	216.82	13.82	1#5.94	163.44	2#3.86	49.86
243	-3.25	1#8.48	6#8	6.86	1.36	2.12	1.47	2.8#	1.33	.93	.31
				42.88	347.76	218.7#	1#2.24	185.58	244.43	318.17	7.87
244	-4.44	14.55	6#8	8.4#	1.47	2.68	1.34	3.16	2.61	1.86	.81
				36.15	345.26	226.6#	132.75	2#7.78	267.27	319.89	351.92
245	-1.19	5.45	6#8	3.28	2.13	1.17	.28	.16	.29	.#3	.12
				52.54	3#8.89	2#3.43	28.31	54.64	116.85	2#7.3#	14.52
246	- .62	4.87	6#7	2.34	1.7#	.89	.28	.12	.16	.#8	.1#
				58.36	317.71	214.8#	55.79	319.82	129.32	1#7.35	43.81
247	-1.81	4.8#	6#8	2.83	1.89	1.83	.27	.#8	.24	.#6	.13
				55.52	317.54	22#1.17	61.86	241.38	138.78	227.74	45.22
248	-1.41	5.61	6#8	3.41	2.13	1.2#	.43	.22	.36	.15	.13
				52.39	314.98	218.97	5#8.95	169.84	149.33	258.22	38.75
249	-1.8#	6.57	6#8	4.13	2.36	1.46	.58	.36	.49	.23	.15
				48.86	31#8.32	218.33	33.45	138.53	147.12	253.93	23.46
25#	-2.67	9.89	6#8	5.85	2.11	1.77	1.45	1.54	1.11	.6#	.19
				48.48	313.82	2#8.65	47.56	121.92	163.93	241.89	298.59
251	-3.39	11.16	6#2	6.99	1.93	2.1#	1.83	2.44	1.68	.99	.42
				34.84	315.29	197.8#	69.21	131.96	181.82	238.8#	27#8.85

TABLE VI.- Continued

(c) Continued

FLAPWISE 77 PERCENT RADIUS												
RUN NO 35												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
224	-2.62	38.82	688	16.71	14.57	5.81	3.84	3.32	.26	2.47	1.49	AMP
				135.61	323.59	38.84	212.88	286.19	163.62	287.92	145.76	PHASE
225	.56	38.32	688	17.46	12.88	4.63	2.25	3.43	.36	2.38	1.38	AMP
				136.68	322.98	36.17	218.21	197.78	166.56	212.63	163.48	PHASE
226	3.47	38.17	688	18.44	11.68	4.33	1.99	3.78	.68	2.81	1.55	AMP
				135.72	317.54	35.33	216.82	181.66	126.81	214.71	161.59	PHASE
227	6.51	38.12	688	19.62	18.58	4.43	1.72	4.19	.68	2.86	1.89	AMP
				137.49	319.49	43.78	228.33	171.85	148.29	231.52	172.81	PHASE
228	9.72	31.24	688	21.23	9.63	4.36	1.28	3.86	.74	2.83	2.69	AMP
				139.82	323.69	51.58	257.12	177.85	138.74	247.14	198.25	PHASE
229	12.82	32.83	688	22.26	18.14	3.58	1.99	4.37	1.23	3.43	4.52	AMP
				135.88	318.57	28.59	284.73	148.47	128.28	236.61	179.38	PHASE
238	12.88	42.67	688	21.96	17.56	3.21	1.87	3.18	1.98	1.64	3.82	AMP
				139.37	324.88	22.17	71.73	145.29	189.34	247.19	173.14	PHASE
231	-.64	31.68	688	17.58	14.58	5.84	3.16	3.55	.39	2.18	.89	AMP
				137.75	331.75	38.39	214.57	228.46	53.69	218.21	154.27	PHASE
232	2.28	29.97	688	18.84	13.13	4.38	2.12	3.76	.49	1.82	.48	AMP
				139.56	334.28	37.12	229.16	221.88	187.71	221.95	216.95	PHASE
233	5.81	29.43	688	18.27	11.78	3.84	2.82	3.73	.37	1.58	1.13	AMP
				138.22	326.86	29.66	249.73	285.16	98.64	214.39	198.44	PHASE
234	7.69	29.88	688	18.49	11.45	3.68	1.99	3.36	.46	1.68	1.68	AMP
				141.68	329.11	46.81	287.89	216.79	186.16	224.82	198.88	PHASE
235	18.52	31.69	688	19.88	11.88	3.98	2.13	2.65	.61	1.68	2.42	AMP
				138.28	325.16	48.42	286.77	188.15	62.45	218.43	178.99	PHASE
236	12.68	32.37	688	28.43	12.89	4.15	2.83	3.84	.84	3.25	4.89	AMP
				138.38	327.69	41.74	314.18	125.12	183.49	245.65	189.82	PHASE
237	12.88	35.85	688	28.18	16.22	3.77	1.68	6.88	.78	2.87	4.12	AMP
				137.87	326.57	39.88	333.33	126.81	135.37	278.61	192.11	PHASE
238	1.28	29.67	688	17.12	14.71	4.64	2.87	2.36	.48	1.48	.22	AMP
				148.28	346.46	51.89	218.62	251.85	88.61	287.93	156.15	PHASE
239	3.91	29.83	688	17.66	14.82	4.72	2.28	2.33	.59	1.48	.24	AMP
				136.56	335.44	37.88	288.85	238.38	64.68	163.48	189.51	PHASE
248	6.71	29.66	688	19.18	13.86	4.59	1.67	2.12	.74	1.38	.31	AMP
				137.48	334.22	43.55	232.59	238.53	61.58	167.49	198.46	PHASE
241	9.53	38.78	688	19.19	13.17	4.95	1.88	2.16	.66	1.13	.39	AMP
				139.91	337.18	56.58	264.44	251.65	63.76	185.21	289.78	PHASE
242	12.54	31.58	688	28.11	12.94	5.25	1.88	1.75	.84	1.27	.62	AMP
				137.33	329.58	54.16	279.88	237.55	54.53	164.35	162.52	PHASE
243	15.28	32.27	688	21.81	13.55	5.53	1.27	1.58	1.22	1.88	1.98	AMP
				148.92	336.69	61.78	324.87	143.53	97.18	238.82	195.82	PHASE
244	15.97	34.62	688	21.17	15.44	5.87	.92	3.46	1.45	1.73	2.44	AMP
				139.91	333.56	62.99	312.14	137.64	95.16	264.89	198.44	PHASE
245	8.86	38.84	688	18.71	13.86	4.99	1.54	2.18	.81	1.25	.43	AMP
				136.45	331.84	41.67	238.53	227.53	62.51	161.13	194.56	PHASE
246	6.66	25.41	687	15.58	11.44	4.11	1.76	2.56	.58	.54	.48	AMP
				139.85	345.48	45.11	281.85	221.88	98.15	187.32	258.38	PHASE
247	9.35	25.53	688	15.95	11.86	4.42	1.85	2.62	.48	.61	.73	AMP
				139.67	343.85	43.88	198.32	211.42	85.81	172.38	254.52	PHASE
248	12.86	26.92	688	16.95	11.45	5.81	.65	2.33	.57	.65	.64	AMP
				139.21	339.85	48.42	283.59	288.95	61.97	-171.11	246.86	PHASE
249	15.13	29.89	688	18.81	11.91	5.56	.21	2.46	.88	.71	.76	AMP
				137.78	332.81	37.21	182.61	185.35	59.56	158.82	223.88	PHASE
258	17.82	38.27	688	19.15	13.39	6.48	.65	1.54	1.33	1.58	1.36	AMP
				135.81	327.32	34.84	65.25	189.96	61.34	184.92	177.71	PHASE
251	18.67	38.33	682	19.19	14.59	7.16	.71	2.96	1.47	1.64	1.37	AMP
				134.94	323.89	31.68	49.37	81.82	56.15	216.88	174.93	PHASE

TABLE VI.- Continued

(c) Continued

CHORDWISE 77 PERCENT RADIUS												
RUN NO 35												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
224	68.26	27.17	688	8.59	9.89	3.27	2.85	5.64	9.22	2.89	1.41	AMP
225	61.67	32.75	688	154.84	321.52	27.83	174.97	232.26	238.44	288.12	158.25	PHASE
226	63.75	27.93	688	7.18	7.37	3.89	1.98	6.55	11.24	1.65	1.34	AMP
227	65.17	23.28	688	164.12	316.43	8.86	137.67	235.69	275.92	287.65	162.33	PHASE
228	66.58	27.61	688	4.87	5.87	4.83	2.28	6.28	6.21	1.85	1.62	AMP
229	67.42	32.42	688	178.18	387.41	4.94	185.48	238.64	326.17	65.96	161.31	PHASE
230	68.58	27.61	688	2.86	4.71	4.32	2.81	3.99	5.34	1.87	1.68	AMP
231	68.12	29.54	688	189.52	389.84	7.82	98.21	255.95	349.82	138.77	141.96	PHASE
232	68.94	21.59	688	1.59	3.86	4.86	3.47	1.85	6.48	3.89	2.24	AMP
233	62.78	23.84	688	325.66	321.25	1.88	74.86	336.98	28.89	252.82	162.28	PHASE
234	64.68	24.71	688	5.84	2.56	5.88	4.48	2.52	6.15	4.38	2.63	AMP
235	66.28	22.58	688	356.92	324.69	325.74	43.83	48.61	33.87	256.96	148.92	PHASE
236	68.58	29.54	688	9.36	6.62	18.97	5.49	9.17	15.69	7.72	4.55	AMP
237	69.71	58.48	688	35.64	277.64	323.42	72.74	161.57	199.85	215.87	95.45	PHASE
238	68.16	31.98	688	8.88	8.98	4.64	2.42	5.98	7.88	2.54	1.49	AMP
239	61.88	23.79	688	152.52	328.98	24.58	187.15	257.19	247.63	158.88	158.55	PHASE
240	62.97	26.38	688	6.86	7.28	4.27	8.89	6.88	3.26	1.33	1.88	AMP
241	65.17	28.59	688	159.88	328.89	24.66	161.16	264.43	298.19	158.94	199.94	PHASE
242	67.38	28.18	688	3.54	5.78	3.62	1.43	5.88	5.28	2.86	1.24	AMP
243	69.92	28.24	688	168.89	318.38	11.85	72.96	258.86	381.62	142.72	169.59	PHASE
244	71.59	39.31	688	.98	5.41	3.45	1.97	5.32	5.98	1.49	1.68	AMP
245	65.51	27.64	688	178.14	319.97	11.78	77.24	275.22	342.97	198.38	176.84	PHASE
246	63.33	23.78	687	1.81	5.56	4.15	2.97	2.99	5.96	2.68	1.63	AMP
247	64.24	22.18	688	358.92	313.17	352.21	64.44	279.87	348.96	253.87	155.97	PHASE
248	66.28	24.79	688	5.16	4.51	5.98	5.78	3.39	5.45	2.33	2.23	AMP
249	68.58	28.38	688	19.88	294.24	323.15	48.66	118.95	67.83	249.42	189.42	PHASE
250	71.33	27.77	688	7.98	5.62	7.77	4.73	8.99	7.22	4.17	1.57	AMP
251	72.82	42.88	682	48.81	271.86	315.64	59.78	168.87	178.43	177.33	219.52	PHASE
				8.14	8.71	4.99	1.28	4.18	18.22	2.41	.43	AMP
				148.25	343.15	48.13	227.97	267.47	215.28	179.75	165.46	PHASE
				6.38	7.65	5.28	7.88	4.64	6.38	2.27	.79	AMP
				147.69	326.94	25.64	258.83	243.11	182.61	134.83	86.36	PHASE
				3.97	7.81	4.72	9.88	5.82	7.17	1.95	1.28	AMP
				147.61	319.36	19.82	12.32	251.95	246.47	187.49	121.31	PHASE
				1.74	7.44	5.21	1.76	5.72	9.85	5.72	1.36	AMP
				131.85	316.88	16.81	41.42	263.75	288.14	239.17	146.38	PHASE
				2.38	7.41	5.72	2.71	5.11	18.13	2.68	1.45	AMP
				18.58	387.11	356.22	41.31	248.88	283.37	251.61	125.27	PHASE
				5.47	7.32	8.64	5.37	4.68	4.52	.48	1.68	AMP
				23.45	295.88	343.82	56.58	189.14	7.68	257.37	198.49	PHASE
				7.83	7.76	8.94	5.87	9.85	4.43	3.88	1.59	AMP
				39.26	277.58	339.14	74.25	183.89	161.41	126.74	216.92	PHASE
				2.52	7.27	5.12	1.37	6.55	8.36	1.96	1.81	AMP
				147.58	311.62	7.87	19.12	242.33	243.89	188.88	182.35	PHASE
				5.88	5.68	4.65	5.55	4.43	8.64	1.75	.94	AMP
				139.52	331.84	31.26	17.52	238.86	223.19	119.16	122.71	PHASE
				2.76	5.71	4.25	1.55	4.64	9.29	1.18	.72	AMP
				138.74	321.86	28.87	29.86	232.52	268.79	173.68	157.89	PHASE
				1.24	6.58	4.75	2.43	4.99	18.88	1.11	.65	AMP
				57.89	314.16	6.23	29.97	221.89	272.75	285.92	142.14	PHASE
				3.69	7.42	5.47	3.32	5.98	9.61	1.38	.53	AMP
				358.82	385.59	348.46	38.38	288.81	271.92	233.56	123.34	PHASE
				6.92	8.62	8.38	5.44	5.57	5.84	1.68	.73	AMP
				.18	286.28	322.96	17.89	148.81	319.37	313.67	281.14	PHASE
				7.96	9.89	18.72	5.45	9.17	5.63	3.99	1.89	AMP
				9.64	269.21	316.69	14.74	117.18	59.14	6.48	235.96	PHASE

TABLE VI.- Continued

(c) Continued

TORSION 75 PERCENT RADIUS											
RUN NO 35											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
224	-2.28	2.58	688	1.37	.29	.51	.35	.28	.14	.28	.28 AMP
225	-2.49	2.35	688	128.97	274.97	222.18	82.75	358.32	222.65	64.44	315.32 PHASE
226	-2.74	2.38	688	1.43	.48	.41	.31	.18	.87	.11	.38 AMP
227	-2.97	2.65	688	185.34	278.35	226.31	88.82	22.25	285.88	84.72	338.81 PHASE
228	-3.89	3.28	688	1.55	.51	.32	.23	.16	.12	.14	.21 AMP
229	-3.32	4.24	688	93.23	269.17	216.41	96.99	317.13	169.96	5.18	359.85 PHASE
230	-4.48	9.55	688	1.85	.61	.41	.22	.12	.13	.17	.28 AMP
231	-2.64	2.73	688	86.93	288.39	212.82	138.38	236.46	229.81	24.81	21.85 PHASE
232	-2.84	2.63	688	2.31	.64	.53	.17	.26	.89	.18	.15 AMP
233	-3.85	2.68	688	84.15	291.86	211.16	185.64	271.18	387.46	64.63	54.36 PHASE
234	-3.23	2.82	688	2.83	.76	.63	.29	.37	.11	.15	.22 AMP
235	-3.39	3.73	688	78.81	322.41	179.27	189.17	247.27	218.37	77.35	3.21 PHASE
236	-3.88	7.16	688	3.85	2.83	1.28	1.46	1.98	2.15	1.81	.54 AMP
237	-4.46	9.88	688	39.88	.12	284.88	271.78	274.16	315.33	32.18	258.18 PHASE
238	-2.89	2.92	688	1.54	.31	.48	.37	.27	.17	.24	.26 AMP
239	-3.85	2.81	688	122.22	287.58	218.28	78.31	358.47	216.99	65.64	346.93 PHASE
240	-3.21	2.87	688	1.63	.35	.37	.26	.19	.15	.17	.22 AMP
241	-3.39	3.55	688	111.13	288.88	229.94	188.26	319.32	199.41	51.11	14.59 PHASE
242	-3.52	4.16	688	1.81	.39	.33	.24	.14	.15	.14	.24 AMP
243	-3.88	6.14	688	97.28	284.52	223.87	127.88	383.61	167.88	36.31	358.28 PHASE
244	-4.37	8.43	688	2.14	.54	.44	.21	.86	.16	.88	.16 AMP
245	-3.39	3.43	688	98.98	298.74	227.78	162.36	383.56	156.55	44.78	28.94 PHASE
246	-3.28	2.82	687	2.63	.72	.65	.23	.22	.28	.17	.16 AMP
247	-3.37	3.18	688	88.23	381.25	211.62	176.48	197.53	198.83	3.36	19.15 PHASE
248	-3.53	3.67	688	3.16	1.14	1.18	.96	1.12	.79	.54	.39 AMP
249	-3.67	4.22	688	68.89	353.89	161.59	167.74	194.87	238.86	347.86	53.68 PHASE
250	-3.98	5.16	688	3.58	2.81	1.85	1.82	1.51	1.64	1.24	.41 AMP
251	-4.14	6.87	682	43.69	352.78	183.85	218.11	222.41	288.15	5.78	79.14 PHASE
				1.88	.42	.54	.33	.28	.88	.21	.15 AMP
				127.38	331.82	237.95	188.86	358.81	283.21	77.32	335.84 PHASE
				1.87	.57	.68	.34	.27	.86	.28	.88 AMP
				187.88	385.33	228.33	183.87	337.88	147.82	23.86	299.65 PHASE
				2.89	.74	.69	.38	.26	.89	.17	.12 AMP
				93.65	383.98	219.53	126.17	14.33	95.46	62.84	347.71 PHASE
				2.49	.97	.86	.26	.38	.22	.86	.23 AMP
				85.97	388.36	226.87	138.58	59.64	124.87	83.67	19.56 PHASE
				2.98	1.13	1.81	.17	.41	.28	.18	.28 AMP
				76.36	383.88	214.31	115.22	65.27	129.59	284.83	15.58 PHASE
				3.57	1.32	1.25	.85	.88	.58	.58	.45 AMP
				66.98	344.74	186.35	145.37	171.85	246.61	347.58	76.83 PHASE
				3.73	1.93	1.41	.87	1.88	1.47	1.86	.51 AMP
				53.51	346.88	192.75	177.46	284.99	273.76	348.48	67.81 PHASE
				2.36	.91	.83	.29	.31	.15	.12	.18 AMP
				85.25	381.44	214.53	125.48	29.24	87.54	59.63	338.56 PHASE
				1.91	.67	.69	.21	.23	.85	.12	.15 AMP
				189.13	321.92	231.97	116.26	12.89	185.46	74.95	342.87 PHASE
				2.14	.81	.78	.21	.17	.12	.87	.17 AMP
				96.35	316.16	229.86	137.28	39.93	183.88	115.43	1.41 PHASE
				2.58	.98	.86	.22	.28	.22	.86	.19 AMP
				85.88	389.62	228.75	124.43	78.78	189.89	163.42	.22 PHASE
				3.88	1.13	.96	.16	.27	.31	.18	.28 AMP
				75.57	383.85	213.26	187.18	73.84	186.44	193.83	358.97 PHASE
				3.58	1.38	1.86	.54	.66	.58	.27	.31 AMP
				62.46	328.41	175.43	94.53	185.28	156.84	246.53	2.24 PHASE
				3.98	1.51	1.48	.86	.87	.81	.42	.25 AMP
				52.61	328.22	159.53	113.37	122.35	198.81	255.55	15.98 PHASE

TABLE VI.- Continued

(c) Concluded

PITCH LINK												
RUN NO		35										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
224	-2.91	8.86	688	3.64	2.85	.83	.98	.88	.38	.45	.38	AMP
				231.76	92.16	322.91	288.62	285.93	118.49	32.77	318.29	PHASE
225	-2.23	8.62	688	4.82	2.61	.51	1.16	.21	.19	.65	.29	AMP
				238.93	89.38	322.55	285.25	26.89	76.92	52.18	326.29	PHASE
226	-1.38	8.95	688	6.88	2.89	.62	.88	.53	.27	.49	.49	AMP
				229.65	79.63	335.73	196.92	138.79	37.69	34.88	3.15	PHASE
227	-.16	9.92	688	7.51	1.48	.95	.77	.84	.36	.61	.46	AMP
				226.77	73.86	16.93	283.12	188.98	74.85	55.69	6.43	PHASE
228	1.13	11.87	688	9.32	.88	1.29	.92	1.43	.32	.52	.57	AMP
				224.88	51.65	45.16	193.22	145.88	157.45	84.36	12.94	PHASE
229	3.26	18.71	688	13.81	1.18	2.31	1.53	1.18	.87	1.42	.69	AMP
				215.39	315.22	57.15	194.43	121.62	68.14	79.57	7.38	PHASE
238	6.57	31.64	688	18.45	1.76	5.62	1.81	6.67	5.85	3.84	1.79	AMP
				214.92	76.94	183.55	226.22	98.52	138.84	142.82	192.92	PHASE
231	-1.91	7.19	688	3.82	2.76	.87	1.82	.87	.36	.59	.38	AMP
				256.71	181.48	292.56	195.54	165.28	182.28	16.68	338.93	PHASE
232	-1.48	6.82	688	3.73	2.58	.48	.62	.49	.48	.43	.41	AMP
				243.38	187.95	383.29	212.72	139.64	88.61	38.89	355.91	PHASE
233	-.66	7.38	688	4.69	1.88	.21	.52	.54	.51	.68	.39	AMP
				232.36	186.18	12.76	284.88	127.27	48.82	26.62	346.61	PHASE
234	.14	8.94	688	6.85	1.62	.88	.78	.55	.68	.57	.43	AMP
				231.39	114.25	66.44	217.53	138.21	46.35	45.84	14.42	PHASE
235	1.23	12.55	688	8.24	1.38	1.84	1.36	.78	.76	.68	.47	AMP
				225.86	99.19	64.66	215.63	86.92	58.71	37.17	4.73	PHASE
236	3.88	19.18	688	12.88	.18	2.58	2.58	2.96	2.65	1.81	.83	AMP
				219.23	57.78	65.39	253.84	27.95	62.16	83.84	87.13	PHASE
237	4.56	26.62	688	15.18	.93	4.24	2.84	6.87	4.71	2.89	1.68	AMP
				216.57	88.88	78.58	272.12	47.87	98.53	116.87	142.66	PHASE
238	-.84	5.95	688	2.88	2.88	.45	.79	.18	.15	.38	.12	AMP
				263.69	123.28	334.53	199.96	176.99	31.28	8.29	3.97	PHASE
239	-.39	6.78	688	3.57	3.85	.46	.67	.22	.26	.34	.18	AMP
				249.98	115.63	7.36	189.24	125.98	6.47	321.49	388.87	PHASE
248	.11	8.11	688	4.42	2.95	.99	.94	.13	.48	.53	.14	AMP
				241.88	121.47	46.73	186.44	287.19	357.59	13.92	348.81	PHASE
241	.73	9.15	688	5.76	3.87	1.86	1.63	.31	.82	.49	.37	AMP
				237.64	126.81	68.83	283.87	386.87	27.55	43.88	352.82	PHASE
242	1.44	12.82	688	7.76	2.71	2.99	2.87	.58	1.89	.33	.43	AMP
				229.53	128.15	59.14	197.15	316.26	25.99	39.38	342.93	PHASE
243	2.79	18.75	688	11.61	1.78	3.52	3.88	3.13	2.57	1.17	1.85	AMP
				227.24	132.53	67.47	255.88	16.54	63.78	93.92	188.12	PHASE
244	3.88	23.58	688	13.85	1.92	4.61	2.67	5.19	4.83	2.24	1.71	AMP
				222.87	125.85	64.61	266.67	31.42	76.82	114.23	122.18	PHASE
245	.59	9.12	688	5.35	3.23	1.58	1.25	.18	.62	.53	.28	AMP
				238.78	119.82	47.59	182.17	238.61	.31	6.71	322.56	PHASE
246	.55	7.84	687	3.77	2.88	.87	.86	.12	.31	.36	.21	AMP
				259.85	127.18	68.27	283.82	153.73	17.78	359.14	334.34	PHASE
247	.95	8.16	688	4.42	2.93	1.34	.97	.25	.49	.36	.25	AMP
				249.73	129.59	72.29	199.84	122.83	14.21	24.63	353.56	PHASE
248	1.21	8.98	688	5.39	3.36	1.84	1.22	.28	.82	.35	.25	AMP
				244.63	127.78	67.88	284.81	72.88	17.31	14.85	347.61	PHASE
249	1.53	11.16	688	6.87	3.61	2.66	1.53	.14	1.85	.27	.33	AMP
				237.92	123.19	61.66	197.32	348.45	7.87	343.23	352.97	PHASE
258	2.43	16.38	688	18.31	3.82	3.88	2.81	1.86	1.95	.62	.97	AMP
				226.84	122.57	51.68	285.85	313.28	358.86	5.55	14.75	PHASE
251	3.83	28.18	682	12.37	2.82	4.62	2.97	3.57	2.78	1.25	1.44	AMP
				221.66	117.72	39.84	218.74	322.26	353.88	35.66	34.88	PHASE

TABLE VI.- Continued

(d) $\mu = 0.30$; $M_T = 0.68$

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CQ/SIGMA
255	.9	2.7	2.0	.02998	.00135	.00122
256	.5	4.0	2.0	.04598	.00100	.00148
257	-.1	4.9	4.0	.06279	.00077	.00189
258	-.5	6.1	6.0	.07839	.00034	.00261
259	-1.2	7.4	7.9	.09078	-.00069	.00368
260	-1.7	8.8	9.9	.10108	-.00209	.00522
261	-1.6	10.5	12.0	.10534	-.00334	.00722
262	.9	3.0	2.0	.02428	-.00089	.00180
263	.7	4.1	4.0	.04176	-.00260	.00244
264	.2	5.2	6.0	.05600	-.00418	.00323
265	-.4	6.5	8.0	.07111	-.00610	.00429
266	-1.0	7.7	10.1	.08446	-.00816	.00565
267	-1.7	8.9	12.0	.09481	-.01035	.00728
268	-1.9	9.6	13.0	.09806	-.01113	.00837
269	1.0	3.4	4.0	.02037	-.00252	.00224
270	.5	4.5	6.0	.03603	-.00547	.00326
271	.0	5.4	8.0	.05257	-.00844	.00449
272	-.5	6.7	10.0	.06612	-.01121	.00586
273	-1.2	7.9	12.1	.08066	-.01430	.00743
274	-2.1	9.0	14.0	.09166	-.01728	.00941

TABLE VI.- Continued

(d) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO		36									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
255	45.88	27.85	636	18.33	12.85	7.36	3.69	4.23	2.58	2.83	.42 AMP
256	47.45	27.81	636	144.56	334.47	86.89	27.53	78.16	335.68	239.64	42.94 PHASE
257	49.88	23.84	636	18.44	12.36	6.42	3.24	4.41	2.22	2.64	.25 AMP
258	52.18	21.48	636	141.65	334.14	82.89	28.78	53.26	322.78	235.38	17.91 PHASE
259	53.97	21.82	636	9.98	11.88	5.48	2.62	3.99	1.98	2.21	.29 AMP
260	55.16	29.88	636	138.58	332.38	78.85	39.87	39.83	382.85	227.48	194.28 PHASE
261	56.11	37.97	637	9.66	11.85	4.76	2.74	3.37	1.81	1.78	.39 AMP
262	45.69	25.89	641	131.86	331.54	79.27	51.34	38.88	284.14	225.89	175.41 PHASE
263	48.35	25.14	648	9.45	18.76	4.85	2.46	2.61	2.39	2.39	1.84 AMP
264	58.65	24.34	648	123.98	334.37	83.31	54.71	7.66	272.17	236.31	181.24 PHASE
265	53.81	23.29	648	9.59	18.95	3.42	3.26	3.98	4.62	3.98	1.97 AMP
266	55.17	21.88	648	118.49	341.32	77.19	24.94	384.47	284.81	267.26	284.81 PHASE
267	56.88	26.69	648	11.51	12.34	1.97	5.14	7.31	6.57	1.42	2.25 AMP
268	57.55	31.22	648	94.98	336.28	78.51	31.84	321.71	324.58	327.14	212.83 PHASE
269	46.49	21.64	648	8.93	12.44	7.82	4.27	2.74	1.31	1.67	.68 AMP
270	49.86	21.47	648	148.68	334.17	86.38	12.83	65.87	328.43	283.84	284.81 PHASE
271	51.67	28.86	648	8.88	12.53	6.84	3.99	3.28	1.23	1.81	.68 AMP
272	54.17	28.27	648	143.23	339.98	98.18	17.68	78.51	328.49	216.27	46.34 PHASE
273	56.62	28.21	648	8.78	12.43	6.36	3.91	3.84	.99	1.82	.55 AMP
274	58.58	23.44	639	148.27	338.92	88.72	23.48	83.98	337.75	218.16	57.64 PHASE
				8.48	12.16	5.81	3.28	3.51	.67	1.51	.47 AMP
				131.77	335.81	88.96	21.34	88.19	381.98	287.25	61.68 PHASE
				8.22	11.58	5.25	2.53	2.73	1.18	1.15	.34 AMP
				128.49	337.56	91.27	24.36	93.39	268.67	282.54	69.28 PHASE
				8.44	11.84	3.73	2.59	2.94	2.98	2.26	.91 AMP
				182.35	334.31	72.93	344.76	165.19	245.86	197.87	116.95 PHASE
				9.44	11.21	3.23	4.98	1.52	4.66	1.62	.84 AMP
				93.61	336.31	78.15	2.67	288.43	285.54	254.84	171.86 PHASE
				7.63	18.56	6.21	3.92	2.72	1.38	1.88	.45 AMP
				141.78	337.81	82.33	6.26	53.64	332.69	287.94	6.76 PHASE
				7.67	18.99	6.13	4.82	2.95	1.87	.95	.41 AMP
				148.84	339.24	88.71	2.76	51.64	331.93	288.38	353.96 PHASE
				7.42	18.57	5.59	3.82	3.28	3.89	.96	.84 AMP
				136.13	336.96	74.98	2.33	49.21	324.48	198.11	144.89 PHASE
				7.46	18.76	4.99	3.64	3.87	1.72	1.14	.26 AMP
				128.88	336.34	78.68	2.29	53.71	332.16	175.37	165.63 PHASE
				7.38	18.74	3.91	3.12	2.48	.37	1.12	.38 AMP
				112.64	331.59	68.39	347.78	35.26	316.37	158.24	156.75 PHASE
				7.83	18.71	2.19	3.66	.48	1.88	1.64	.61 AMP
				92.22	337.68	63.86	318.88	218.28	218.93	185.94	182.81 PHASE

CHORDWISE 25 PERCENT RADIUS											
RUN NO		36									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
255	53.31	58.94	636	15.75	18.72	7.28	7.78	9.44	11.13	2.25	.88 AMP
256	52.82	63.23	636	277.68	157.78	274.22	135.24	286.35	281.97	131.47	53.84 PHASE
257	58.43	69.12	636	26.82	17.28	12.81	6.25	12.88	8.59	1.74	.86 AMP
258	48.84	83.18	636	296.66	165.88	284.72	128.88	263.65	288.55	118.42	45.56 PHASE
259	47.71	99.43	636	39.15	28.79	15.18	6.36	14.34	6.48	1.22	.93 AMP
260	49.86	126.29	636	317.36	171.97	271.75	94.53	274.74	227.42	187.22	55.38 PHASE
261	54.68	167.92	637	56.74	22.48	18.72	8.49	12.63	4.43	.45	1.87 AMP
262	51.29	48.89	641	338.84	176.44	269.68	75.84	289.17	225.87	97.85	36.88 PHASE
263	52.18	54.54	648	72.44	24.58	24.72	11.72	7.29	3.26	2.18	1.24 AMP
264	52.17	67.43	648	348.79	185.36	278.66	66.42	389.83	19.85	314.31	39.12 PHASE
265	52.88	93.33	648	87.88	28.78	33.86	14.54	3.65	12.82	1.49	1.16 AMP
266	51.94	114.57	648	353.61	196.74	277.13	62.72	189.73	94.79	328.88	358.52 PHASE
267	54.36	132.92	648	188.27	42.22	41.91	13.79	22.55	38.71	4.24	5.86 AMP
268	58.25	173.75	648	5.58	288.62	276.78	91.28	177.67	169.88	225.57	17.38 PHASE
269	58.72	38.73	648	8.99	13.34	7.82	2.76	7.95	9.59	1.17	.36 AMP
270	52.76	58.84	648	274.43	162.36	276.36	145.84	276.64	154.76	34.66	112.45 PHASE
271	54.53	78.98	648	18.81	19.38	11.98	2.63	7.88	12.34	1.48	.53 AMP
272	56.36	182.19	648	318.15	172.89	382.87	158.19	255.56	145.87	13.84	188.84 PHASE
273	58.16	131.78	648	32.72	24.67	15.88	4.22	9.69	14.25	1.98	.54 AMP
274	68.35	159.85	639	338.44	184.81	295.25	181.74	258.28	168.57	49.95	218.35 PHASE
				58.46	29.48	21.74	6.86	12.12	13.79	1.15	1.31 AMP
				338.98	188.83	278.59	85.38	253.66	175.88	84.62	248.98 PHASE
				71.67	33.84	38.35	9.18	18.27	8.58	.83	1.93 AMP
				347.78	199.49	279.35	74.94	256.47	197.63	175.66	264.35 PHASE
				98.95	37.88	38.87	18.21	7.38	3.59	1.11	2.87 AMP
				349.92	282.87	266.78	45.55	194.71	75.32	265.98	265.87 PHASE
				182.82	41.73	43.38	11.68	14.53	23.49	2.88	1.94 AMP
				.68	287.33	274.31	64.36	171.53	188.88	139.95	311.68 PHASE
				6.82	15.13	8.76	2.83	6.83	9.88	.66	.66 AMP
				288.98	173.44	286.35	281.14	268.68	158.43	348.95	115.77 PHASE
				15.47	28.39	11.76	1.13	8.17	14.46	1.48	.78 AMP
				321.47	177.46	295.36	215.44	238.82	139.86	357.96	135.59 PHASE
				32.49	26.14	15.49	2.58	8.32	17.88	1.98	.79 AMP
				341.58	187.42	278.16	64.63	218.41	155.92	41.83	198.81 PHASE
				53.41	31.32	21.94	5.19	18.26	17.83	1.68	1.15 AMP
				348.23	194.27	267.93	58.65	287.43	177.12	65.27	213.42 PHASE
				78.28	36.36	29.26	7.19	12.44	13.36	1.83	1.67 AMP
				349.32	197.81	257.68	42.97	185.28	179.66	81.47	284.58 PHASE
				186.74	41.88	38.83	6.42	13.81	3.88	.55	1.55 AMP
				355.24	289.99	259.13	22.77	159.33	345.84	381.98	235.78 PHASE

TABLE VI.- Continued

(d) Continued

TORSION 28 PERCENT RADIUS												
RUN NO 36												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
255	5.59	7.86	636	2.88	3.38	1.99	1.18	.18	.46	.33	.17	AMP
				71.73	291.58	148.83	2.29	112.68	333.86	286.13	151.42	PHASE
256	4.73	7.59	636	2.79	3.21	1.59	1.88	.38	.35	.38	.27	AMP
				66.63	293.98	147.65	16.99	217.86	381.88	211.68	178.85	PHASE
257	3.67	7.31	636	3.89	2.65	1.22	1.87	.29	.31	.41	.34	AMP
				57.87	293.55	175.88	21.99	165.78	264.93	192.16	192.25	PHASE
258	2.28	8.34	636	5.73	1.97	1.76	1.58	.45	.16	.51	.25	AMP
				58.88	285.24	213.56	14.88	158.39	215.94	195.39	282.39	PHASE
259	.61	12.39	636	8.34	.97	2.99	2.18	.61	.31	.48	.27	AMP
				45.22	255.74	234.99	19.82	158.16	289.85	222.69	214.81	PHASE
268	-2.28	19.75	636	12.98	1.18	3.85	3.85	3.12	1.88	1.44	.94	AMP
				41.86	163.86	251.39	81.49	281.67	257.55	291.52	345.83	PHASE
261	-6.14	29.95	637	18.54	2.41	6.88	.64	7.83	4.78	2.71	2.68	AMP
				38.59	222.98	268.89	169.55	257.66	319.37	346.64	29.59	PHASE
262	4.33	6.15	641	2.84	3.81	1.44	.72	.46	.13	.19	.15	AMP
				91.88	388.18	141.73	346.55	213.56	352.72	128.88	12.63	PHASE
263	3.69	7.15	648	2.74	3.53	1.68	.52	.58	.18	.24	.16	AMP
				83.72	313.38	168.18	13.17	241.93	284.68	184.37	15.73	PHASE
264	2.89	8.18	648	3.78	3.65	1.72	.99	.29	.13	.38	.14	AMP
				73.93	312.18	193.56	9.26	137.95	251.13	117.54	28.31	PHASE
265	1.82	9.96	648	5.16	3.53	2.33	1.66	.94	.21	.22	.87	AMP
				62.39	386.82	217.11	8.71	132.96	281.79	122.94	16.88	PHASE
266	-.84	13.88	648	8.18	2.87	4.28	2.78	1.49	.37	.12	.85	AMP
				51.73	299.18	239.71	14.27	138.83	228.73	117.24	164.58	PHASE
267	-1.92	19.78	648	11.54	.83	4.19	3.57	3.48	1.38	.82	.73	AMP
				42.83	292.68	248.18	58.58	153.48	287.28	233.41	277.49	PHASE
268	-3.98	26.15	648	14.86	.65	5.13	3.12	5.56	3.17	2.82	1.88	AMP
				48.71	232.89	246.11	93.47	197.82	268.13	297.38	328.32	PHASE
269	3.81	5.98	648	2.81	3.16	1.32	.61	.44	.13	.16	.89	AMP
				98.13	314.73	171.85	18.58	232.56	389.85	148.66	68.84	PHASE
278	3.28	7.12	648	2.64	3.57	1.67	.68	.51	.87	.14	.11	AMP
				79.93	313.93	183.94	38.87	254.89	388.85	129.91	38.81	PHASE
271	2.56	8.85	648	3.43	3.72	2.86	.75	.13	.13	.17	.16	AMP
				78.96	312.16	196.46	14.98	217.32	119.54	135.47	48.63	PHASE
272	1.88	9.58	648	4.44	4.88	2.68	1.34	.43	.48	.28	.28	AMP
				64.62	318.71	211.88	.66	118.96	136.29	165.93	53.88	PHASE
273	.86	11.51	648	6.31	3.64	3.76	2.28	1.22	.82	.15	.22	AMP
				53.35	382.38	222.38	354.12	184.59	141.89	158.11	68.85	PHASE
274	-.96	17.43	639	18.89	2.21	4.45	3.78	3.31	1.73	.71	.47	AMP
				44.82	313.35	239.16	33.79	129.81	169.79	223.69	238.42	PHASE

TABLE VI.- Continued

(d) Continued

FLAPWISE 37 PERCENT RADIUS												
RUN NO 36												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
255	28.88	38.64	636	15.46	15.94	8.43	2.34	2.65	.72	.37	.28	AMP
				141.33	338.83	78.52	26.98	67.63	344.78	265.88	222.83	PHASE
256	31.25	29.71	636	16.89	15.39	7.56	2.81	2.88	.56	.49	.27	AMP
				139.53	337.45	73.44	38.26	49.28	328.42	241.88	217.97	PHASE
257	33.71	27.87	636	16.38	13.96	6.94	1.56	2.61	.47	.43	.17	AMP
				137.54	335.38	67.72	54.22	37.33	291.87	234.55	248.83	PHASE
258	36.81	27.59	636	16.63	13.41	6.63	1.77	2.33	.52	.52	.18	AMP
				134.46	333.59	67.49	74.88	24.94	259.88	232.15	233.75	PHASE
259	38.84	28.21	636	16.75	13.49	6.48	1.56	2.16	.74	.54	.13	AMP
				132.21	335.88	69.51	98.89	1.28	248.49	248.39	18.29	PHASE
268	39.72	38.18	636	16.84	14.83	6.77	1.51	2.93	1.14	.19	.46	AMP
				129.75	339.66	66.11	37.58	321.87	262.62	252.26	64.53	PHASE
261	48.97	35.43	637	17.39	18.41	6.59	3.15	4.96	.86	.39	.57	AMP
				122.59	335.71	68.73	44.95	332.28	384.46	184.78	93.93	PHASE
262	38.66	29.53	641	13.69	16.29	8.45	3.82	1.82	.49	.34	.38	AMP
				138.32	338.11	78.66	18.84	54.18	318.62	267.17	179.96	PHASE
263	33.24	38.51	648	14.26	16.39	8.44	2.65	2.14	.39	.36	.36	AMP
				148.87	343.43	82.98	17.21	65.38	325.52	265.27	288.79	PHASE
264	35.51	29.35	648	14.83	15.83	8.21	2.39	2.14	.17	.22	.26	AMP
				139.24	342.79	82.11	23.81	78.45	333.75	288.24	283.58	PHASE
265	38.81	29.47	648	15.17	15.24	8.83	1.83	1.85	.25	.24	.24	AMP
				135.81	337.83	73.78	24.83	68.35	226.87	244.38	188.57	PHASE
266	48.28	28.77	648	15.29	14.66	7.96	1.14	1.27	.58	.38	.18	AMP
				138.43	348.45	82.14	46.31	65.36	229.97	262.38	196.83	PHASE
267	42.34	28.64	648	15.35	14.85	7.27	1.88	.85	1.88	.45	.89	AMP
				123.24	334.65	64.86	344.92	289.17	234.42	285.92	337.83	PHASE
268	43.11	38.31	648	15.32	15.77	7.78	3.15	1.93	.94	.18	.33	AMP
				122.87	335.18	69.58	18.58	318.89	266.88	332.62	188.38	PHASE
269	32.68	25.82	648	11.81	14.88	7.87	2.75	1.95	.38	.36	.32	AMP
				138.18	342.28	76.15	9.88	41.81	298.81	278.12	192.28	PHASE
278	35.11	25.71	648	12.22	14.84	7.96	2.81	2.24	.12	.26	.25	AMP
				138.66	342.68	75.13	356.64	39.33	297.99	261.78	188.46	PHASE
271	37.65	25.63	648	12.74	13.99	7.84	2.51	2.22	.18	.19	.15	AMP
				138.89	348.94	78.88	352.39	36.49	226.68	274.78	171.42	PHASE
272	48.18	25.93	648	13.32	14.35	7.98	1.22	1.97	.38	.32	.32	AMP
				135.47	339.87	65.69	352.72	36.42	221.33	292.75	112.25	PHASE
273	42.77	25.74	648	13.81	14.37	7.27	1.66	1.63	.52	.31	.12	AMP
				138.63	334.47	63.37	348.61	11.87	286.48	276.55	88.71	PHASE
274	45.88	25.11	639	13.92	14.19	6.84	2.38	.94	.89	.58	.15	AMP
				125.68	338.87	62.85	386.83	283.46	228.37	293.59	21.94	PHASE

CHORDWISE 37 PERCENT RADIUS													
RUN NO 36													
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P		
255	34.28	52.85	636	15.12	9.41	4.37	8.18	11.72	15.91	3.84	.78	AMP	
				288.68	152.29	388.19	139.58	286.48	281.98	131.65	41.43	PHASE	
256	32.14	68.85	636	22.33	15.82	9.72	7.62	15.53	18.95	4.88	.88	AMP	
				298.84	163.89	387.25	126.91	264.93	214.68	119.48	58.15	PHASE	
257	29.81	67.41	636	31.92	18.23	12.36	8.63	17.98	7.96	3.88	1.18	AMP	
				316.65	169.28	294.46	188.31	276.59	232.63	128.51	31.73	PHASE	
258	27.36	79.88	636	44.91	28.46	16.87	18.96	16.29	5.87	2.37	2.28	AMP	
				329.41	173.51	292.54	84.54	292.55	223.62	168.92	34.31	PHASE	
259	25.19	86.28	636	57.13	23.71	21.98	14.48	18.55	6.54	3.58	2.68	AMP	
				339.56	181.86	291.48	73.84	316.97	29.18	269.88	41.85	PHASE	
268	25.84	183.89	636	68.39	29.85	31.86	18.83	3.67	28.58	3.27	2.79	AMP	
				352.52	194.25	299.57	68.61	61.38	91.35	296.33	36.46	PHASE	
261	28.89	147.84	637	76.65	43.99	38.13	19.13	23.53	57.98	8.51	7.15	AMP	
				9.38	18.95	4.48	2.59	9.82	14.88	287.83	26.21	PHASE	
262	31.97	45.15	641	279.86	158.89	313.89	155.26	278.94	152.98	313.41	68.49	PHASE	
				16.25	15.47	9.58	2.97	8.48	18.48	.61	.78	AMP	
263	31.83	54.65	648	387.67	171.61	338.28	168.42	261.24	138.13	21.61	85.16	PHASE	
				26.18	28.35	13.25	5.43	18.98	21.53	2.54	.84	AMP	
264	38.98	65.53	648	327.26	183.76	322.88	186.27	261.88	15.58	63.35	121.85	PHASE	
				29.94	79.88	648	336.86	187.18	383.59	93.18	253.49	171.96	PHASE
265	29.94	79.88	648	336.86	187.18	383.59	93.18	253.49	171.96	188.14	168.38	PHASE	
				28.12	97.38	648	55.63	29.69	25.55	11.75	12.65	14.16	AMP
266	28.12	97.38	648	345.88	196.38	388.82	86.28	253.15	197.25	211.48	279.19	PHASE	
				28.88	112.92	648	69.36	34.18	33.29	13.27	9.39	4.69	AMP
267	28.88	112.92	648	348.56	198.48	286.94	53.85	194.85	85.43	257.87	281.91	PHASE	
				31.98	146.12	648	76.68	39.96	38.42	16.47	18.38	34.71	AMP
268	31.98	146.12	648	359.59	283.88	295.44	71.52	171.27	111.11	115.94	289.78	PHASE	
				38.89	48.29	648	5.58	11.99	8.83	15.81	2.13	1.68	AMP
269	38.89	48.29	648	286.88	174.83	324.52	289.94	262.68	157.42	259.84	66.68	PHASE	
				32.16	49.68	648	12.12	16.19	9.21	1.18	8.55	1.84	AMP
278	32.16	49.68	648	318.44	178.55	326.93	219.69	231.69	135.58	312.88	92.82	PHASE	
				32.78	61.78	648	24.83	28.62	11.31	2.82	8.37	.98	AMP
271	32.78	61.78	648	337.38	188.38	387.27	68.84	217.37	152.59	47.44	128.78	PHASE	
				33.47	87.89	648	39.86	24.65	15.89	6.99	18.38	27.98	AMP
272	33.47	87.89	648	344.48	195.84	292.31	62.82	282.92	175.58	71.85	136.21	PHASE	
				33.88	109.63	648	57.24	29.89	22.88	8.62	14.19	1.27	AMP
273	33.88	109.63	648	346.24	197.33	277.92	58.51	179.77	178.87	118.94	167.66	PHASE	
				34.53	122.28	639	77.31	35.38	31.37	9.38	16.21	1.64	AMP
274	34.53	122.28	639	353.12	287.95	277.56	38.86	154.71	299.72	277.78	233.97	PHASE	

TABLE VI.- Continued

(d) Continued

TORSION 36 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
255	4.36	6.39	636	2.89	2.58	1.67	.77	.88	.28	.11	.88	AMP
				45.49	268.48	128.17	334.98	213.26	283.71	114.11	83.58	PHASE
256	3.58	6.29	636	2.87	2.39	1.42	.72	.48	.12	.86	.13	AMP
				44.28	272.38	135.16	346.28	282.73	227.55	171.43	123.21	PHASE
257	2.52	6.15	636	3.85	1.97	1.32	.78	.23	.21	.13	.17	AMP
				48.57	273.42	156.88	343.96	161.26	166.79	131.68	137.98	PHASE
258	1.32	7.29	636	5.39	1.58	1.81	1.22	.35	.25	.21	.15	AMP
				36.45	267.16	183.31	332.18	138.94	124.28	148.74	158.46	PHASE
259	-.13	11.86	636	7.59	.72	2.74	1.75	.54	.33	.22	.16	AMP
				34.82	233.87	283.57	339.37	122.78	148.86	189.61	164.85	PHASE
268	-2.62	17.16	636	11.48	1.85	2.74	2.29	2.68	1.48	1.84	.66	AMP
				38.88	139.89	215.28	51.24	159.89	211.78	253.24	286.95	PHASE
261	-5.88	25.84	637	16.46	1.75	5.23	.52	5.55	4.85	2.16	1.66	AMP
				28.84	196.89	237.92	284.46	218.88	277.38	384.45	329.63	PHASE
262	3.63	4.91	641	1.95	2.18	1.25	.46	.48	.82	.13	.18	AMP
				59.13	288.36	131.28	315.57	192.68	41.44	36.81	326.28	PHASE
263	2.97	5.92	648	2.74	2.64	1.48	.28	.55	.12	.23	.88	AMP
				56.67	294.36	147.75	358.18	216.58	195.18	14.41	386.33	PHASE
264	2.16	6.87	648	3.74	2.78	1.76	.78	.86	.15	.26	.88	AMP
				52.14	293.85	174.53	332.89	181.48	147.71	33.44	292.66	PHASE
265	1.14	8.41	648	5.18	2.66	2.31	1.38	.56	.23	.12	.84	AMP
				45.97	287.45	191.58	335.73	92.82	124.69	26.72	273.36	PHASE
266	-.53	12.53	648	7.78	1.47	3.82	2.22	1.89	.27	.18	.85	AMP
				39.78	274.93	213.62	343.89	98.18	165.88	354.13	125.93	PHASE
267	-2.38	17.64	648	18.74	1.41	3.62	2.95	2.88	1.87	.64	.48	AMP
				32.37	253.35	218.42	24.91	115.11	157.94	198.76	222.61	PHASE
268	-4.12	22.93	648	13.61	.54	4.39	2.51	4.58	2.47	1.67	1.28	AMP
				38.58	178.86	216.36	78.35	168.36	215.86	253.53	274.41	PHASE
269	3.13	5.21	648	2.85	2.39	1.33	.38	.47	.86	.86	.86	AMP
				56.37	297.76	168.26	.28	283.87	229.86	44.38	18.81	PHASE
278	2.48	6.31	648	2.74	2.75	1.69	.37	.57	.83	.18	.89	AMP
				53.81	297.89	167.64	24.43	219.76	134.78	14.76	325.55	PHASE
271	1.88	7.18	648	3.53	2.91	2.89	.47	.21	.16	.87	.18	AMP
				48.99	295.48	174.78	347.48	224.58	76.29	39.49	348.38	PHASE
272	1.89	8.46	648	4.58	3.15	2.55	.99	.28	.42	.88	.14	AMP
				45.76	294.37	184.94	329.63	65.69	84.48	133.18	352.96	PHASE
273	.12	18.88	648	6.17	2.88	3.38	1.84	.92	.67	.89	.17	AMP
				39.61	284.57	194.88	324.88	62.73	88.62	166.42	351.52	PHASE
274	-1.66	15.82	639	9.53	1.57	3.69	3.27	2.78	1.32	.59	.28	AMP
				33.72	291.79	211.97	8.59	98.97	122.63	182.79	194.97	PHASE

TABLE VI.- Continued

(d) Continued

FLAPWISE 51 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
255	15.55	38.77	636	19.31	28.37	9.55	1.83	.79	1.24	2.55	.34 AMP
				137.38	335.24	62.87	348.62	271.87	138.68	47.38	244.87 PHASE
256	18.88	37.85	636	28.15	19.43	8.99	1.83	2.48	1.18	2.47	.18 AMP
				135.12	333.98	56.24	337.99	288.99	112.79	42.59	51.55 PHASE
257	28.83	35.11	636	28.32	17.43	8.66	.91	.27	1.27	2.84	.58 AMP
				133.76	338.29	49.62	338.97	23.28	94.82	39.27	19.77 PHASE
258	23.46	34.69	636	21.11	16.66	8.58	.55	.29	1.13	1.59	.61 AMP
				131.88	326.86	48.33	319.85	44.89	85.66	39.78	5.37 PHASE
259	26.88	34.95	636	21.95	16.46	8.63	.21	.49	1.42	2.35	1.31 AMP
				138.86	326.56	51.84	253.47	51.47	76.42	52.77	3.41 PHASE
260	28.23	38.45	636	22.82	18.82	9.76	.88	1.55	2.88	3.94	2.29 AMP
				138.47	333.73	52.84	298.54	48.88	98.88	85.14	21.87 PHASE
261	29.57	44.58	637	22.98	24.32	18.26	.23	.34	3.32	1.53	2.36 AMP
				127.52	333.18	61.42	291.58	78.55	148.54	138.62	25.75 PHASE
262	17.91	36.87	641	18.14	28.56	9.24	1.33	1.81	.55	1.59	.46 AMP
				133.21	334.85	63.83	335.88	281.54	147.74	5.56	228.33 PHASE
263	28.49	37.57	648	18.87	28.38	9.43	1.32	.93	.51	1.83	.46 AMP
				135.79	339.25	66.44	338.43	388.86	149.88	23.68	242.83 PHASE
264	22.99	37.28	648	19.61	19.65	9.88	1.15	1.87	.38	1.75	.44 AMP
				134.89	337.88	64.87	326.35	385.26	148.25	27.58	257.85 PHASE
265	25.79	36.93	648	22.21	18.78	18.48	1.18	.72	2.28	1.31	.31 AMP
				131.43	331.51	55.84	297.81	387.64	117.74	13.68	288.77 PHASE
266	28.58	37.61	648	28.98	17.95	18.54	.87	1.38	.48	1.14	.22 AMP
				129.38	332.43	62.35	253.92	316.19	84.93	8.61	276.95 PHASE
267	31.18	37.31	648	21.24	18.39	18.33	1.65	2.19	1.47	2.18	1.13 AMP
				124.98	327.55	47.76	264.58	331.61	66.28	5.78	388.93 PHASE
268	32.11	39.79	648	21.15	28.16	11.19	1.32	2.55	2.86	1.48	.99 AMP
				126.58	331.84	58.27	291.84	9.34	111.55	72.29	355.54 PHASE
269	21.13	31.22	648	15.74	17.48	8.94	1.16	.73	.72	1.85	.23 AMP
				133.64	338.85	65.57	32.12	286.85	163.56	6.88	185.47 PHASE
270	23.68	31.25	648	16.18	17.38	9.43	1.19	.56	.59	.75	.31 AMP
				133.92	338.52	61.89	328.19	291.82	159.25	15.23	198.42 PHASE
271	26.26	31.43	648	16.76	17.85	9.97	1.86	.88	.44	.77	.17 AMP
				133.51	335.96	55.83	388.39	282.98	142.11	351.48	317.28 PHASE
272	28.94	32.31	648	17.63	17.28	18.64	.89	1.86	.38	1.85	.33 AMP
				132.81	334.81	51.59	278.52	285.34	169.12	334.28	349.59 PHASE
273	31.89	33.11	648	18.44	17.81	18.63	.75	1.27	.19	1.89	1.43 AMP
				128.85	327.29	44.86	217.55	279.57	196.14	312.47	349.52 PHASE
274	34.81	33.35	639	18.76	17.84	18.17	1.46	1.94	.74	5.55	.86 AMP
				127.93	329.93	44.16	238.76	384.83	27.88	354.35	358.77 PHASE

CHORDWISE 51 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
255	47.83	54.73	636	14.81	7.23	3.66	8.88	13.42	18.82	4.88	.58 AMP
				284.17	154.19	17.36	147.87	287.85	284.44	132.58	54.13 PHASE
256	45.89	54.63	636	19.95	11.88	8.83	7.65	17.24	12.57	5.88	.76 AMP
				298.27	165.66	331.67	132.13	266.71	219.49	121.67	115.45 PHASE
257	43.38	62.89	636	27.83	14.73	9.93	8.83	19.69	8.93	4.45	.75 AMP
				314.39	171.85	314.18	183.59	276.81	239.77	124.46	48.69 PHASE
258	41.54	78.65	636	38.43	16.71	13.51	11.28	17.55	5.13	4.86	2.35 AMP
				326.47	173.67	388.28	86.76	293.28	229.37	158.72	48.72 PHASE
259	39.85	86.22	636	49.55	28.93	28.34	15.73	18.95	9.84	3.95	3.82 AMP
				337.73	179.23	383.83	73.78	328.62	33.36	253.56	48.16 PHASE
260	37.33	187.96	636	59.13	29.46	32.27	22.36	4.44	25.24	3.34	4.22 AMP
				352.52	192.72	311.39	78.66	65.25	92.99	274.67	34.26 PHASE
261	39.15	158.93	637	64.58	45.23	48.55	22.92	26.56	78.83	13.69	9.38 AMP
				8.67	199.75	316.46	185.11	189.78	172.26	211.79	34.91 PHASE
262	45.13	46.94	641	9.38	8.59	4.59	2.41	11.46	16.69	.48	1.89 AMP
				286.91	162.67	8.34	169.29	282.15	155.68	248.83	66.73 PHASE
263	44.98	55.87	648	15.27	12.87	9.33	2.91	9.56	21.99	1.85	.81 AMP
				387.48	176.22	.45	173.31	264.58	138.53	98.18	89.81 PHASE
264	44.84	65.74	648	23.89	16.88	12.49	4.89	12.46	25.83	3.85	.31 AMP
				324.39	188.72	347.88	111.87	251.46	154.49	74.92	184.58 PHASE
265	42.81	74.71	648	33.62	19.78	16.16	8.52	15.14	25.13	2.82	1.28 AMP
				332.57	191.29	324.52	95.43	252.23	174.46	116.88	186.88 PHASE
266	39.92	89.11	648	48.22	25.67	24.16	13.86	14.99	16.91	4.87	.81 AMP
				344.36	196.78	315.38	88.62	249.53	281.61	213.51	341.53 PHASE
267	39.28	189.91	648	59.64	32.85	33.68	16.82	11.49	5.92	4.68	1.35 AMP
				348.68	197.93	381.53	58.61	194.84	88.31	253.87	388.87 PHASE
268	41.89	158.78	648	64.58	39.86	39.64	28.88	31.76	42.83	5.57	1.48 AMP
				64.58	283.11	318.53	77.87	172.69	115.37	126.78	292.91 PHASE
269	43.84	41.82	648	5.63	9.88	6.42	2.29	9.16	18.19	3.28	2.36 AMP
				295.81	179.98	4.32	226.27	264.82	168.22	256.75	63.72 PHASE
270	44.57	56.11	648	11.32	13.23	9.74	1.61	9.56	26.86	1.29	1.43 AMP
				319.23	184.78	355.34	241.86	232.93	137.12	387.56	79.39 PHASE
271	44.99	65.23	648	28.74	16.78	18.86	2.37	9.52	32.83	4.88	1.58 AMP
				334.81	193.16	336.32	68.92	216.96	154.63	57.43	182.15 PHASE
272	45.87	79.46	648	32.56	19.83	14.28	6.18	12.47	34.78	3.88	1.87 AMP
				341.35	199.29	317.89	64.82	282.82	178.34	79.63	183.64 PHASE
273	44.62	95.24	648	47.35	23.68	19.89	9.47	16.54	29.34	1.61	1.18 AMP
				343.38	288.58	297.13	53.13	179.53	182.48	124.83	123.28 PHASE
274	43.91	113.28	639	63.62	31.81	31.38	12.34	18.81	3.97	3.63	1.48 AMP
				352.38	288.43	293.58	37.18	156.16	289.25	279.84	249.57 PHASE

TABLE VI.- Continued

(d) Continued

TORSION 5% PERCENT RADIUS											
RUN NO		36									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
255	.64	4.65	636	2.82	1.94	1.16	.52	.19	.86	.19	.83 AMP
				65.94	286.18	141.76	18.71	289.65	219.89	59.93	167.48 PHASE
256	.19	4.73	636	2.52	2.82	.49	.37	.14	.14	.14	.87 AMP
				63.76	298.16	142.67	33.61	254.81	182.82	9.76	138.46 PHASE
257	-.33	4.83	636	3.88	1.97	.93	.43	.88	.27	.18	.13 AMP
				68.23	294.18	155.81	29.14	248.23	178.15	29.26	162.89 PHASE
258	-.95	5.62	636	3.73	1.87	1.22	.66	.15	.35	.81	.14 AMP
				54.74	297.66	178.81	358.16	186.26	148.25	328.83	179.87 PHASE
259	-1.77	6.51	636	4.89	1.48	1.81	.99	.35	.42	.88	.19 AMP
				49.54	386.17	199.88	345.99	116.35	158.36	385.96	181.54 PHASE
260	-3.69	11.11	636	7.61	.88	2.27	1.86	2.81	1.36	.84	.37 AMP
				39.93	15.97	281.18	74.28	188.61	243.28	318.88	331.82 PHASE
261	-6.95	18.89	637	11.66	.52	3.72	.88	4.29	3.87	1.98	1.89 AMP
				33.94	317.83	238.78	272.74	247.21	318.18	6.79	356.98 PHASE
262	-.47	3.99	641	2.83	1.81	.88	.24	.42	.89	.28	.85 AMP
				74.75	385.17	145.65	3.66	238.27	92.69	25.37	53.87 PHASE
263	-.87	4.92	648	2.59	2.28	1.85	.22	.49	.89	.33	.82 AMP
				78.56	389.84	168.79	52.39	261.77	197.81	29.49	112.98 PHASE
264	-1.29	5.72	648	3.17	2.46	1.28	.35	.26	.22	.29	.84 AMP
				66.34	318.41	188.28	18.22	336.86	145.85	39.77	258.31 PHASE
265	-1.81	6.91	648	3.96	2.63	1.61	.74	.37	.48	.22	.84 AMP
				59.83	387.26	191.29	357.75	68.32	134.53	358.14	347.75 PHASE
266	-2.71	8.81	648	5.38	2.12	2.35	1.28	.78	51	.32	.15 AMP
				53.67	389.81	213.95	357.68	86.28	152.88	348.15	69.22 PHASE
267	-4.18	11.79	648	7.54	1.31	2.28	1.72	1.87	1.82	.69	.18 AMP
				42.46	323.18	285.83	51.71	134.12	182.14	278.88	297.23 PHASE
268	-5.72	15.87	648	9.88	.84	3.83	1.48	3.13	2.21	1.71	.68 AMP
				37.92	339.98	215.88	182.96	198.11	252.42	312.22	325.83 PHASE
269	-.69	4.36	648	2.12	1.99	.93	.32	.41	.83	.16	.85 AMP
				78.12	313.83	173.32	49.98	244.37	138.84	15.97	76.97 PHASE
270	-1.88	5.34	648	2.64	2.29	1.19	.39	.58	.85	.18	.82 AMP
				65.16	311.13	188.36	67.61	261.89	113.14	8.78	56.88 PHASE
271	-1.52	6.28	648	3.26	2.47	1.47	.36	.27	.28	.13	.85 AMP
				68.62	388.22	186.27	39.91	289.22	92.55	3.15	315.59 PHASE
272	-1.97	7.85	648	3.96	2.69	1.75	.68	.19	.43	.86	.12 AMP
				57.22	386.86	194.88	5.25	19.86	188.64	341.71	333.46 PHASE
273	-2.46	8.16	648	4.87	2.77	2.11	1.89	.66	.66	.13	.28 AMP
				51.73	388.85	281.75	358.24	62.91	182.95	258.48	344.75 PHASE
274	-3.68	18.66	639	6.93	2.88	2.89	2.12	1.97	1.18	.61	.21 AMP
				44.24	311.83	212.97	38.71	111.55	151.15	241.43	293.27 PHASE

TABLE VI.- Continued

(d) Continued

FLAPWISE 77 PERCENT RADIUS												
RUN NO 36												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
255	-2.13	37.67	636	19.75	17.43	6.49	4.84	4.46	.38	2.9#	.29	AMP
				148.48	333.57	386.62	218.79	238.85	45.35	224.74	131.23	PHASE
256	.73	37.49	636	28.31	16.75	5.87	3.35	4.95	.25	2.66	.65	AMP
				139.58	331.55	29.43	215.72	219.31	72.73	228.18	283.65	PHASE
257	4.85	36.21	636	28.27	15.18	5.26	2.41	4.64	.18	2.18	1.38	AMP
				139.88	326.15	32.27	231.85	215.48	92.52	211.48	195.88	PHASE
258	6.99	35.51	636	21.88	14.57	5.82	2.26	3.77	.39	1.52	1.47	AMP
				138.58	324.82	37.82	243.45	218.41	76.18	198.87	185.57	PHASE
259	9.95	36.18	636	21.68	14.48	5.13	1.83	2.63	.66	2.19	2.42	AMP
				138.51	323.16	48.83	278.87	189.88	72.11	216.26	188.39	PHASE
268	11.95	38.28	636	22.98	15.75	5.64	.75	3.98	.73	4.87	3.78	AMP
				139.39	338.18	44.13	385.25	127.55	113.11	256.13	284.82	PHASE
261	12.15	47.51	637	22.61	22.57	7.19	.94	8.92	.26	2.25	3.64	AMP
				138.97	327.92	38.33	122.89	144.81	49.27	328.44	288.53	PHASE
262	-.41	36.55	641	19.71	18.18	6.81	3.46	2.84	.63	1.98	.58	AMP
				136.76	335.88	33.93	184.72	222.85	33.61	183.88	69.59	PHASE
263	2.21	37.93	648	28.36	18.85	6.85	2.93	3.58	.69	2.84	.41	AMP
				148.62	338.75	42.51	197.61	238.89	66.61	195.21	94.22	PHASE
264	5.18	38.26	648	21.18	17.45	6.37	2.77	4.28	.53	1.89	.43	AMP
				148.99	337.71	45.82	212.25	247.53	63.25	195.14	117.18	PHASE
265	8.28	39.31	648	21.73	17.88	6.83	2.18	4.27	.63	1.52	.59	AMP
				139.16	338.66	43.38	227.87	245.96	54.86	172.31	141.88	PHASE
266	11.52	39.32	648	22.78	16.58	7.12	1.53	3.41	.92	1.13	.59	AMP
				138.83	329.75	53.91	265.12	254.75	56.88	165.87	178.28	PHASE
267	14.11	39.84	648	23.83	16.78	6.99	.25	1.87	1.21	2.38	1.98	AMP
				134.65	324.58	43.41	266.81	185.69	57.34	172.27	148.87	PHASE
268	14.57	42.62	648	23.75	18.59	7.81	.26	3.25	1.17	1.16	2.81	AMP
				137.34	327.44	49.44	181.54	151.44	57.48	258.83	166.37	PHASE
269	2.42	32.63	648	17.67	15.98	5.59	3.81	3.59	.76	.89	.27	AMP
				137.46	338.21	36.41	176.73	212.45	45.67	188.67	356.24	PHASE
278	5.86	33.98	648	18.85	15.74	6.11	2.77	4.88	.59	.88	.21	AMP
				138.81	337.78	37.18	173.82	213.87	59.19	188.11	357.38	PHASE
271	7.91	34.13	648	18.63	15.41	6.81	2.26	4.27	.42	.91	.26	AMP
				139.38	334.54	34.88	173.99	214.97	61.59	162.54	178.58	PHASE
272	18.96	35.87	648	19.53	15.73	7.54	1.69	4.84	.66	1.22	.56	AMP
				139.31	331.35	34.29	176.68	215.63	69.67	146.43	173.87	PHASE
273	14.23	37.32	648	28.61	15.82	8.99	.98	3.31	1.88	1.28	.88	AMP
				136.24	323.83	33.28	163.11	198.24	45.81	122.83	166.91	PHASE
274	17.88	36.55	639	28.98	16.33	8.61	1.43	1.21	1.44	1.61	1.31	AMP
				136.58	326.56	37.73	78.95	131.87	65.98	163.17	175.18	PHASE

CHORDWISE 77 PERCENT RADIUS												
RUN NO 36												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
255	61.64	33.13	636	8.95	18.68	6.38	4.71	7.76	7.18	2.74	.52	AMP
				151.29	328.81	35.87	181.27	259.51	196.17	173.78	123.11	PHASE
256	62.74	29.76	636	7.42	9.13	6.59	3.74	9.78	4.67	2.92	1.18	AMP
				153.72	321.87	19.92	178.53	243.81	214.92	149.92	164.99	PHASE
257	65.87	29.98	636	4.61	7.71	6.14	2.55	9.69	3.37	2.68	1.38	AMP
				154.32	318.67	11.91	135.38	258.58	239.89	147.63	168.58	PHASE
258	67.35	24.65	636	11.76	7.17	6.41	2.44	7.48	1.57	2.97	1.29	AMP
				148.46	385.12	3.74	182.87	261.42	231.63	155.68	138.85	PHASE
259	78.18	26.16	636	2.34	6.62	6.99	4.31	2.63	4.41	2.88	1.67	AMP
				26.32	295.94	358.24	68.91	287.18	32.16	214.73	149.47	PHASE
268	72.33	47.35	636	6.28	6.71	11.19	7.85	5.32	11.48	4.19	1.72	AMP
				36.81	279.41	337.58	68.58	188.94	88.45	247.88	288.55	PHASE
261	73.36	71.78	637	13.48	18.74	14.74	8.38	16.48	28.83	5.58	1.52	AMP
				55.88	254.75	338.19	186.55	178.13	167.28	222.85	21.34	PHASE
262	63.13	31.48	641	9.27	18.61	6.75	3.44	5.94	6.34	1.86	1.39	AMP
				141.83	328.86	35.97	187.71	258.53	146.26	183.51	61.28	PHASE
263	64.18	32.58	648	7.85	9.92	7.96	3.36	6.28	8.82	1.89	.96	AMP
				145.81	328.39	33.63	191.26	248.48	126.93	175.13	87.32	PHASE
264	65.95	35.71	648	5.72	9.35	8.75	2.54	7.78	18.11	1.66	1.63	AMP
				148.88	318.61	26.24	178.23	248.84	144.38	127.16	98.28	PHASE
265	68.68	33.85	648	3.18	9.38	9.28	2.45	9.23	9.66	2.82	1.78	AMP
				119.95	384.14	18.94	127.79	248.88	166.67	133.83	184.73	PHASE
266	71.38	37.98	648	3.56	9.17	9.78	3.64	7.95	16.68	2.33	1.16	AMP
				45.37	294.31	1.45	98.75	239.85	195.16	192.95	114.89	PHASE
267	73.81	38.58	648	6.38	18.88	12.55	6.26	5.43	2.86	2.53	1.55	AMP
				31.97	274.68	333.25	58.91	168.38	98.81	215.65	138.85	PHASE
268	75.32	61.41	648	18.37	18.53	14.55	8.26	12.77	16.84	1.65	1.65	AMP
				44.41	263.74	338.84	77.39	158.92	112.11	143.81	197.23	PHASE
269	64.87	28.82	648	8.43	8.67	6.95	2.88	5.71	7.11	1.91	1.38	AMP
				137.68	326.88	32.99	197.11	237.51	158.32	228.82	45.38	PHASE
278	65.72	32.34	648	6.85	8.82	8.18	2.49	6.58	18.82	2.74	1.91	AMP
				137.84	321.25	26.17	191.99	217.68	127.42	197.19	55.87	PHASE
271	67.65	36.18	648	4.69	7.86	8.73	1.78	7.88	13.18	1.75	1.88	AMP
				125.86	389.82	17.34	148.61	287.72	146.82	88.23	93.41	PHASE
272	78.28	48.74	648	2.97	9.66	9.34	2.18	7.97	14.82	1.91	1.43	AMP
				89.41	388.62	6.42	181.42	199.56	178.38	181.62	188.26	PHASE
273	73.29	39.79	648	3.99	9.68	9.86	3.46	8.99	12.11	1.32	1.16	AMP
				26.94	288.55	349.83	68.82	175.85	173.88	125.11	183.11	PHASE
274	76.48	37.11	639	7.85	11.87	12.68	6.48	8.61	.58	1.98	1.22	AMP
				18.64	274.57	338.82	36.28	137.21	198.86	231.91	183.14	PHASE

TABLE VI.- Continued

(d) Concluded

TORSION 75 PERCENT RADIUS												
RUN NO		36										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
255	-2.81	3.49	636	1.93 136.12	.46 282.82	.61 283.59	.46 74.85	.36 332.65	.28 285.19	.39 58.78	.22 344.78	AMP PHASE
256	-3.88	3.45	636	2.85 115.31	.55 287.22	.55 287.72	.43 75.94	.31 319.36	.24 184.99	.33 28.97	.38 352.49	AMP PHASE
257	-3.21	3.68	636	2.24 182.48	.67 298.29	.61 288.85	.36 86.41	.28 348.74	.26 168.79	.33 24.77	.24 358.69	AMP PHASE
258	-3.35	3.59	636	2.56 98.78	.84 291.19	.72 285.98	.17 87.53	.22 358.38	.21 149.36	.27 25.18	.16 358.68	AMP PHASE
259	-3.52	4.26	636	3.84 83.28	.93 381.79	.93 284.82	.11 191.47	.87 328.83	.18 148.37	.27 24.81	.16 33.61	AMP PHASE
268	-4.13	7.66	636	3.58 65.85	1.36 354.76	1.48 165.53	.86 159.33	.86 197.96	.71 244.98	.66 2.81	.42 1.57	AMP PHASE
261	-5.38	18.28	637	4.49 48.41	2.42 358.82	2.85 196.85	1.14 264.96	1.68 271.58	2.81 321.16	1.57 58.55	.69 285.91	AMP PHASE
262	-3.29	3.79	641	2.26 128.71	.54 314.54	.63 286.82	.42 78.94	.25 287.45	.11 186.75	.25 7.97	.83 382.76	AMP PHASE
263	-3.46	3.99	648	2.34 116.38	.75 318.86	.68 212.78	.44 94.73	.28 384.96	.15 213.52	.34 5.64	.82 188.33	AMP PHASE
264	-3.62	4.83	648	2.56 184.85	.95 386.42	.88 212.26	.35 98.99	.47 347.55	.17 166.88	.33 17.77	.89 247.98	AMP PHASE
265	-3.79	4.38	648	2.92 91.76	1.14 381.68	1.85 284.61	.29 78.28	.54 7.58	.25 133.86	.25 2.86	.89 298.97	AMP PHASE
266	-3.93	4.96	648	3.42 84.89	1.26 388.11	1.25 288.81	.15 25.87	.65 34.33	.35 142.58	.38 351.49	.19 38.28	AMP PHASE
267	-4.29	6.82	648	3.89 69.51	1.43 335.15	1.41 168.14	.65 96.14	.68 118.85	.59 191.21	.61 325.82	.38 44.88	AMP PHASE
268	-4.93	9.78	648	4.86 57.89	2.88 349.84	1.91 176.74	.61 162.56	.93 281.27	1.34 259.77	1.88 358.84	.56 96.88	AMP PHASE
269	-3.45	3.75	648	2.34 126.88	.73 329.77	.73 215.81	.37 81.92	.22 284.17	.18 194.86	.22 8.19	.84 278.73	AMP PHASE
278	-3.68	3.96	648	2.48 113.42	.91 316.62	.87 212.58	.48 87.73	.29 292.89	.85 185.55	.22 351.75	.87 235.13	AMP PHASE
271	-3.77	4.84	648	2.63 188.22	1.85 387.43	1.82 286.98	.34 88.51	.37 324.76	.86 83.86	.21 358.66	.17 254.18	AMP PHASE
272	-3.94	4.58	648	3.82 89.88	1.22 383.46	1.16 283.85	.23 75.41	.47 349.91	.21 69.65	.15 357.88	.24 274.58	AMP PHASE
273	-4.84	5.86	648	3.54 78.66	1.37 297.87	1.38 198.67	.17 7.52	.64 6.98	.39 67.91	.87 298.42	.27 286.66	AMP PHASE
274	-4.29	5.81	639	4.11 66.97	1.56 338.11	1.35 171.78	.48 71.99	.48 81.84	.48 147.88	.38 278.74	.38 8.98	AMP PHASE

PITCH LINK												
RUN NO		36										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
255	-3.84	9.76	636	3.18 247.55	3.88 181.52	1.56 291.86	1.84 182.12	.43 238.68	.56 122.92	.74 24.38	.37 337.38	AMP PHASE
256	-3.18	9.18	636	4.27 246.66	3.65 183.35	1.88 286.56	.97 191.83	.19 174.82	.56 93.49	.66 14.88	.54 344.15	AMP PHASE
257	-2.26	9.46	636	5.46 238.67	3.81 182.77	.41 323.28	1.12 193.89	.13 216.85	.54 66.86	.82 16.21	.43 341.92	AMP PHASE
258	-1.21	18.66	636	7.17 232.98	2.47 97.83	.93 42.95	1.67 192.11	.12 161.63	.52 45.45	.76 7.74	.47 345.66	AMP PHASE
259	-.82	14.16	636	9.63 229.11	1.79 84.11	2.18 59.88	2.27 199.85	.12 126.39	.64 43.41	.84 23.78	.62 11.99	AMP PHASE
268	2.24	21.35	636	13.96 225.42	1.18 37.78	2.64 73.34	3.18 248.85	2.73 26.87	2.31 64.87	1.82 82.72	.95 111.83	AMP PHASE
261	5.45	33.33	637	19.72 223.79	3.24 49.43	6.87 84.98	1.49 273.64	7.87 73.23	4.69 121.14	2.59 149.66	2.31 185.18	AMP PHASE
262	-2.22	7.25	641	3.27 261.67	3.47 113.82	1.12 279.62	.77 168.35	.21 65.64	.18 76.85	.39 327.81	.14 15.88	AMP PHASE
263	-1.73	8.47	648	4.11 268.69	3.92 121.33	1.81 388.43	.71 188.24	.38 75.42	.23 99.82	.47 332.89	.18 24.49	AMP PHASE
264	-1.17	9.26	648	5.19 254.71	4.88 121.91	.73 357.24	1.38 186.62	.41 278.62	.28 46.26	.46 348.53	.11 217.61	AMP PHASE
265	-.44	11.58	648	6.59 245.27	4.83 116.15	1.53 44.88	1.93 185.25	.83 278.47	.52 13.42	.41 323.44	.89 259.64	AMP PHASE
266	.78	13.58	648	9.37 236.97	3.82 188.95	3.51 59.46	2.71 198.88	1.22 295.68	.74 38.14	.45 386.88	.24 8.45	AMP PHASE
267	2.28	19.89	648	12.67 227.59	1.91 181.88	3.78 57.25	5.88 218.88	2.87 325.57	1.97 12.75	1.88 4.96	.97 57.44	AMP PHASE
268	3.72	26.68	648	15.87 225.84	1.97 76.77	4.78 68.26	3.32 258.41	5.16 12.28	3.47 61.76	1.97 95.89	2.16 114.58	AMP PHASE
269	-1.13	7.48	648	3.33 265.22	3.55 119.51	.64 383.93	.68 182.78	.28 86.83	.22 123.88	.48 337.88	.14 335.31	AMP PHASE
278	-.78	8.29	648	4.11 268.18	3.89 122.24	.68 339.65	.74 196.13	.48 98.93	.13 118.85	.31 328.83	.13 328.17	AMP PHASE
271	-.31	8.85	648	4.87 254.81	4.88 128.89	1.81 16.18	1.85 188.15	.29 158.85	.22 331.13	.34 314.62	.17 257.23	AMP PHASE
272	-.83	18.67	648	5.95 249.67	4.38 119.88	1.79 39.77	1.63 172.18	.56 223.81	.63 329.88	.48 388.83	.22 273.62	AMP PHASE
273	.48	13.58	648	7.93 239.28	4.28 118.17	3.33 44.83	2.46 166.13	1.82 247.85	1.87 319.79	.59 272.78	.41 295.22	AMP PHASE
274	1.62	19.41	639	11.59 229.99	3.81 116.71	4.36 56.38	3.78 199.62	2.88 298.66	.84 341.28	.84 333.98	.18 19.11	AMP PHASE

TABLE VI.- Continued

(e) $\mu = 0.40$; $M_T = 0.62$

PT.	A1	B1	THETA	CL/SIGMA	CU/SIGMA	CW/SIGMA
275	1.6	4.2	6.0	.02274	-.00122	.00268
276	1.6	5.6	8.0	.03755	-.00361	.00392
277	1.6	7.0	10.0	.05208	-.00612	.00528
278	1.2	8.1	12.1	.06746	-.00843	.00684
279	3.1	4.3	4.0	.03211	-.00023	.00228
280	2.4	5.5	6.0	.04667	-.00155	.00299
281	2.1	6.9	8.0	.06094	-.00296	.00393
282	1.7	7.5	9.0	.06828	-.00354	.00450
283	1.7	8.2	9.9	.07330	-.00425	.00509
284	4.2	4.1	-.1	.02358	.00211	.00120
285	3.5	5.0	2.0	.04006	.00216	.00134
286	2.9	6.1	4.0	.05529	.00221	.00169
287	2.5	6.8	5.0	.06163	.00203	.00198
288	2.2	7.3	6.0	.06862	.00198	.00234
289	1.6	8.1	7.0	.07344	.00145	.00290

TABLE VI.- Continued

(e) Continued

FLAPWISE 25 PERCENT RADIUS												
RUN NO 36												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
275	47.82	38.84	585	11.75	15.25	6.41	5.82	2.83	1.37	1.44	1.21	AMP
				151.87	341.47	181.71	45.75	115.73	68.91	263.67	79.87	PHASE
276	49.32	31.46	585	12.18	15.54	6.67	6.74	2.93	1.38	1.15	1.54	AMP
				144.16	331.96	84.88	26.26	188.26	55.77	251.48	46.68	PHASE
277	51.68	33.14	585	12.71	15.76	6.88	7.22	2.73	1.33	.95	1.73	AMP
				138.73	338.18	88.56	28.39	116.59	49.17	282.65	38.88	PHASE
278	53.98	33.32	585	13.12	16.83	5.24	7.56	2.71	1.53	1.87	1.32	AMP
				138.41	326.72	77.31	26.99	136.42	46.88	389.19	26.23	PHASE
279	46.88	37.46	585	14.64	18.29	7.98	6.89	4.81	1.98	1.79	2.21	AMP
				149.88	338.68	99.87	54.42	133.65	32.91	259.89	69.94	PHASE
280	48.41	37.54	585	14.71	18.13	7.51	7.88	3.77	1.88	.97	2.32	AMP
				145.25	335.98	93.42	51.24	134.75	43.89	281.94	63.21	PHASE
281	58.61	37.41	585	14.98	18.15	7.16	7.83	3.28	2.21	1.82	2.86	AMP
				138.58	329.81	83.69	42.86	126.81	31.91	384.58	31.21	PHASE
282	51.66	38.43	585	15.18	18.19	6.72	7.81	2.89	2.52	1.19	2.88	AMP
				133.32	322.92	78.89	34.77	119.73	26.75	385.85	18.79	PHASE
283	52.55	38.88	585	15.35	18.17	6.14	7.84	3.88	2.54	1.45	1.72	AMP
				129.24	319.91	72.67	38.13	118.87	22.71	313.71	354.98	PHASE
284	43.88	47.92	585	17.25	19.86	18.69	7.92	7.59	2.43	1.84	3.94	AMP
				144.84	327.26	82.73	25.87	134.69	35.43	238.33	39.12	PHASE
285	45.32	44.17	585	17.32	19.41	9.69	7.37	6.31	2.84	.81	3.18	AMP
				145.33	329.44	83.38	36.51	138.84	48.25	258.69	48.65	PHASE
286	47.36	41.33	585	17.16	19.82	9.15	6.44	5.52	2.18	.68	2.75	AMP
				142.33	327.18	81.11	35.12	125.51	51.87	218.75	48.43	PHASE
287	48.29	39.78	585	17.15	18.83	8.66	6.38	5.74	2.87	.45	2.48	AMP
				139.58	324.44	76.34	38.64	117.16	58.98	168.75	37.73	PHASE
288	49.22	39.85	585	17.85	18.79	8.46	6.89	5.75	2.26	.49	2.34	AMP
				148.58	338.49	85.49	43.85	137.69	73.68	164.59	57.85	PHASE
289	58.11	48.84	585	17.17	19.22	8.18	5.48	6.82	2.77	.82	2.78	AMP
				134.99	324.72	77.65	38.47	125.44	68.72	88.68	29.18	PHASE

CHORDWISE 25 PERCENT RADIUS												
RUN NO 36												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
275	42.33	58.75	585	2.93	29.66	21.94	2.86	5.41	17.51	6.71	1.88	AMP
				298.64	191.22	388.29	125.68	316.37	313.58	282.18	151.35	PHASE
276	44.84	84.75	585	16.52	41.33	27.34	5.12	7.44	16.86	6.68	.86	AMP
				359.47	187.85	289.11	93.57	283.19	288.54	248.22	222.44	PHASE
277	47.12	111.78	585	38.35	48.83	33.67	8.76	7.29	12.38	9.29	1.37	AMP
				18.42	192.13	287.11	98.88	288.43	281.52	287.47	268.87	PHASE
278	49.16	143.73	585	61.47	56.42	41.88	11.37	6.38	18.13	12.41	2.46	AMP
				13.33	196.78	283.94	188.14	277.73	255.88	199.59	288.64	PHASE
279	48.58	73.77	585	12.15	33.17	23.87	6.73	7.96	13.87	8.19	.41	AMP
				339.67	179.87	388.84	148.65	332.26	275.42	235.28	85.48	PHASE
280	41.18	89.68	585	23.98	48.72	27.17	8.28	8.61	12.27	18.59	.51	AMP
				355.84	184.88	382.37	129.85	318.61	246.41	213.16	332.64	PHASE
281	41.84	111.86	585	39.18	47.55	34.44	11.42	7.88	18.19	15.44	1.68	AMP
				1.29	185.67	291.58	117.45	382.89	224.48	198.87	382.88	PHASE
282	41.76	117.81	585	47.49	58.79	37.39	12.37	5.92	21.16	16.51	1.57	AMP
				2.33	183.73	283.69	185.84	288.81	218.88	182.81	285.68	PHASE
283	41.97	131.15	585	56.37	53.42	41.54	13.33	5.88	21.12	17.87	1.98	AMP
				3.28	183.46	279.99	99.58	278.55	199.82	172.78	266.51	PHASE
284	38.88	55.67	585	9.54	28.58	17.11	8.43	9.25	8.32	9.29	.99	AMP
				383.38	149.99	294.58	139.74	348.84	216.36	185.26	92.29	PHASE
285	36.68	73.29	585	19.77	29.51	22.83	9.71	8.24	12.65	12.59	.36	AMP
				319.48	159.51	299.81	136.49	329.78	192.23	176.28	188.76	PHASE
286	34.98	95.88	585	32.32	37.16	27.81	11.85	6.91	18.66	16.86	.22	AMP
				336.89	168.15	293.27	126.43	321.18	283.99	181.73	2.26	PHASE
287	34.46	186.29	585	38.15	39.41	38.11	11.68	7.38	19.88	17.79	.56	AMP
				348.84	169.21	287.48	114.26	324.95	192.32	166.46	165.78	PHASE
288	34.24	113.85	585	45.23	42.25	32.53	12.37	6.99	22.33	19.83	.75	AMP
				349.17	179.15	295.79	125.18	348.85	213.69	188.47	213.45	PHASE
289	34.28	123.26	585	48.78	46.39	35.94	13.53	6.49	25.48	22.85	1.47	AMP
				351.37	177.48	286.68	115.43	313.99	286.18	174.57	211.28	PHASE

TABLE VI.- Continued

(e) Continued

TORSION 20 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
275	3.52	10.69	585	3.88	4.81	.97	2.82	.71	.28	.24	.29 AMP
276	2.65	11.99	585	115.36	314.91	249.84	44.96	214.98	143.22	315.83	184.36 PHASE
277	1.83	13.39	585	3.76	5.45	1.59	3.21	.89	.56	.45	.25 AMP
278	.83	15.53	585	102.01	307.84	241.72	36.84	171.86	166.81	268.64	142.15 PHASE
279	3.56	11.33	585	4.77	5.78	2.16	3.37	1.14	.78	.52	.28 AMP
280	2.78	11.25	585	92.84	307.07	249.24	43.88	166.17	174.62	271.58	122.19 PHASE
281	1.76	13.98	585	6.48	6.13	3.86	4.14	1.98	1.82	1.62	.41 AMP
282	1.19	15.58	585	82.48	299.44	256.85	46.59	168.52	182.57	277.51	186.68 PHASE
283	.55	15.55	585	3.57	5.84	1.88	2.88	1.16	.84	.88	.26 AMP
284	5.12	12.84	585	188.75	309.15	176.68	38.83	188.36	319.75	279.18	137.41 PHASE
285	4.14	12.15	585	4.37	5.39	1.83	2.73	.99	.11	.16	.29 AMP
286	2.99	13.87	585	99.88	306.56	284.88	33.56	174.78	169.59	216.46	126.94 PHASE
287	2.43	13.85	585	5.69	5.88	1.51	3.41	1.88	.51	.43	.48 AMP
288	1.66	13.72	585	89.23	296.44	238.93	29.31	155.35	165.37	239.95	93.41 PHASE
289	.72	14.78	585	6.55	6.12	1.91	3.74	1.95	.73	.59	.53 AMP
				83.36	288.82	238.38	25.23	145.97	149.16	236.48	75.67 PHASE
				7.49	6.28	2.33	3.75	2.88	.86	.45	.55 AMP
				78.41	283.13	243.89	22.13	134.81	148.81	237.23	74.51 PHASE
				3.89	5.27	2.67	2.64	.91	.77	.39	.88 AMP
				91.85	285.95	137.38	9.45	135.49	358.25	334.29	68.95 PHASE
				4.87	5.52	2.32	2.89	.68	.64	.23	.18 AMP
				88.82	288.87	149.22	14.12	126.16	353.43	348.49	81.95 PHASE
				5.17	5.78	2.87	2.58	1.88	.56	.33	.24 AMP
				82.69	285.93	178.67	17.29	151.68	351.48	262.24	91.24 PHASE
				5.68	5.54	2.82	2.34	.85	.48	.29	.38 AMP
				79.11	282.92	176.94	8.65	118.25	6.81	234.88	94.88 PHASE
				6.45	5.46	2.22	2.78	1.14	.46	.41	.48 AMP
				77.44	288.82	198.99	21.58	126.47	63.25	247.46	116.76 PHASE
				7.38	5.69	1.88	3.87	1.97	.46	.25	.82 AMP
				69.95	284.28	212.61	21.81	116.92	84.53	272.83	98.39 PHASE

TABLE VI.- Continued

(e) Continued

FLAPWISE 37 PERCENT RADIUS												
RUN NO 36												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
275	32.36	35.24	585	15.79	19.63	9.74	3.52	1.95	.43	.67	.32	AMP
				144.24	349.57	96.56	38.62	98.84	322.22	316.89	226.89	PHASE
276	34.52	36.78	585	16.73	28.44	18.72	3.95	1.99	.47	.76	.28	AMP
				139.11	348.14	81.23	28.58	91.79	388.37	282.84	225.73	PHASE
277	36.64	38.42	585	17.73	28.98	18.87	4.17	1.53	.54	.82	.29	AMP
				137.88	338.13	78.34	23.68	93.84	299.58	275.63	236.95	PHASE
278	38.77	48.29	585	18.77	21.46	11.13	4.22	1.17	.66	.84	.23	AMP
				133.75	335.27	76.73	22.43	113.82	289.69	277.72	289.89	PHASE
279	38.18	43.22	585	28.85	23.36	18.97	4.28	1.91	.57	.66	.57	AMP
				143.26	344.93	94.22	48.63	128.87	349.75	296.64	233.11	PHASE
280	32.35	43.88	585	28.64	23.37	11.83	4.28	1.83	.42	.72	.54	AMP
				141.28	342.18	88.25	48.18	121.21	348.87	288.29	245.75	PHASE
281	34.42	45.48	585	21.51	23.67	11.59	3.87	1.58	.56	.81	.49	AMP
				136.84	335.58	79.54	48.79	118.83	327.18	268.38	228.67	PHASE
282	35.94	46.85	585	22.18	23.89	11.57	3.73	1.27	.63	.83	.41	AMP
				133.62	329.98	73.51	34.92	99.78	319.52	256.93	285.36	PHASE
283	36.31	46.68	585	22.33	24.18	11.54	3.64	1.33	.63	.82	.34	AMP
				131.31	327.86	69.97	32.21	96.55	389.28	247.69	188.75	PHASE
284	26.45	49.92	585	22.41	24.41	12.55	5.14	4.13	.91	.74	.84	AMP
				141.35	331.27	73.96	15.85	148.81	23.23	272.97	211.84	PHASE
285	28.66	48.57	585	23.89	23.88	12.28	4.55	3.28	.81	.71	.82	AMP
				141.86	333.83	75.22	27.34	135.59	41.57	278.96	232.62	PHASE
286	38.68	48.73	585	23.68	23.79	12.31	3.57	2.77	.72	.68	.85	AMP
				139.84	338.75	72.98	25.44	128.15	41.78	268.87	233.55	PHASE
287	31.59	47.82	585	23.88	23.67	12.14	3.41	2.94	.67	.67	.83	AMP
				137.65	328.82	68.47	23.43	119.49	47.86	245.83	228.62	PHASE
288	32.49	49.24	585	24.84	23.86	12.39	3.84	2.98	.68	.77	.88	AMP
				139.64	334.14	78.86	37.55	142.18	72.48	262.82	258.71	PHASE
289	33.39	49.58	585	24.29	24.62	12.33	2.29	3.59	.53	.89	.85	AMP
				135.64	328.38	78.97	18.57	128.26	75.98	258.28	227.78	PHASE

CHORDWISE 37 PERCENT RADIUS												
RUN NO 36												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
275	25.18	57.19	585	3.68	21.65	14.18	3.42	6.47	27.25	12.97	1.98	AMP
				297.55	198.38	319.51	144.85	317.11	311.72	288.23	134.22	PHASE
276	26.91	78.93	585	12.88	31.81	18.59	5.95	8.36	25.34	12.92	.54	AMP
				351.38	187.46	318.11	184.99	281.89	288.21	258.86	188.93	PHASE
277	27.56	97.39	585	28.21	38.84	24.14	18.71	8.35	28.49	15.67	.83	AMP
				5.48	193.18	389.13	185.65	284.59	279.63	218.19	247.53	PHASE
278	27.94	127.88	585	45.32	45.46	38.78	14.41	7.28	18.64	19.67	1.12	AMP
				9.34	197.86	386.22	186.91	268.97	257.97	287.86	298.91	PHASE
279	23.49	63.64	585	11.29	25.24	17.28	8.78	18.89	21.86	14.59	.65	AMP
				338.17	177.34	329.56	149.79	328.66	274.35	245.68	114.65	PHASE
280	23.23	88.48	585	19.75	31.88	28.81	11.14	11.72	18.38	18.12	.34	AMP
				348.33	185.82	325.55	138.18	315.46	248.31	223.49	26.72	PHASE
281	22.88	181.58	585	31.89	38.28	26.65	15.27	18.65	27.87	25.18	.29	AMP
				356.88	186.83	315.25	125.48	299.72	227.62	285.98	283.92	PHASE
282	22.12	189.63	585	37.58	41.67	29.34	16.81	8.45	32.66	26.36	.42	AMP
				367.72	185.28	388.87	114.28	282.87	213.89	189.77	46.48	PHASE
283	21.59	119.41	585	44.33	44.65	33.89	18.23	8.25	32.79	28.34	.38	AMP
				359.26	185.17	383.52	187.68	271.66	282.85	178.83	134.58	PHASE
284	22.88	55.44	585	18.98	16.61	12.88	18.72	11.19	11.99	16.36	.91	AMP
				382.99	146.86	316.89	146.52	328.21	219.98	189.85	169.86	PHASE
285	28.16	76.84	585	18.42	23.78	18.53	13.15	18.74	16.96	21.88	1.48	AMP
				318.29	159.81	328.66	138.86	315.11	189.28	181.65	245.58	PHASE
286	18.87	98.82	585	27.94	38.35	22.99	15.88	9.28	26.59	27.38	1.87	AMP
				333.71	168.54	316.45	131.36	385.81	284.25	185.91	225.59	PHASE
287	17.21	182.42	585	32.51	32.51	24.98	16.54	9.15	29.83	29.69	1.31	AMP
				338.88	178.15	311.13	119.65	389.18	191.53	171.32	183.48	PHASE
288	16.29	118.58	585	38.88	35.78	27.19	17.88	7.88	33.46	32.47	1.64	AMP
				346.41	188.22	328.35	138.73	329.98	213.88	193.29	282.98	PHASE
289	15.78	128.32	585	41.14	48.15	38.16	19.27	8.17	38.98	35.36	2.46	AMP
				348.96	178.69	311.61	122.82	291.59	288.42	188.12	198.47	PHASE

TABLE VI.- Continued

(e) Continued

TORSION 36 PERCENT RADIUS												
RUN NO		36										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
275	2.86	7.32	585	2.53	3.35	1.38	2.82	.44	.19	.19	.28	AMP
				59.22	383.37	216.42	15.22	283.18	115.69	299.36	123.46	PHASE
276	1.46	8.62	585	3.38	3.87	1.86	2.28	.46	.51	.28	.15	AMP
				63.41	296.27	218.21	8.86	146.54	132.88	248.54	79.88	PHASE
277	.48	18.18	585	4.42	4.12	2.29	2.43	.69	.69	.33	.19	AMP
				68.57	296.24	216.88	17.86	129.87	141.93	238.59	66.38	PHASE
278	-.61	11.55	585	6.88	4.28	3.82	3.13	1.37	.94	.42	.33	AMP
				56.59	288.21	222.11	18.14	118.18	152.87	248.84	59.68	PHASE
279	2.16	7.97	585	2.98	3.35	1.48	2.12	.64	.15	.11	.17	AMP
				67.16	294.78	172.87	358.28	161.19	221.88	2.66	97.42	PHASE
280	1.38	8.28	585	3.84	3.62	1.58	1.94	.58	.18	.13	.15	AMP
				63.55	294.25	187.65	359.97	137.51	181.14	65.83	89.31	PHASE
281	.42	18.88	585	5.85	3.91	2.87	2.57	1.28	.47	.11	.28	AMP
				59.47	284.87	198.27	356.29	113.78	158.22	172.75	38.18	PHASE
282	-.13	18.99	585	5.87	4.81	2.38	2.92	1.48	.58	.28	.27	AMP
				56.83	276.17	281.45	352.49	183.91	133.61	184.18	23.83	PHASE
283	-.73	11.31	585	6.73	4.81	2.67	2.94	1.62	.68	.89	.38	AMP
				53.58	271.14	284.31	349.89	91.33	129.96	198.64	27.28	PHASE
284	3.63	8.92	585	2.85	3.56	2.46	1.78	.33	.56	.45	.86	AMP
				48.39	266.62	138.25	339.68	73.19	297.73	312.29	181.88	PHASE
285	2.69	9.33	585	3.68	3.69	2.36	1.36	.32	.51	.34	.89	AMP
				52.65	271.98	143.17	342.85	38.47	288.49	334.98	47.24	PHASE
286	1.68	18.42	585	4.63	3.77	2.46	1.86	.53	.52	.89	.89	AMP
				51.85	278.83	168.56	347.12	111.35	283.22	389.31	36.73	PHASE
287	1.16	18.47	585	5.89	3.59	2.56	1.71	.45	.43	.87	.11	AMP
				58.89	269.88	163.89	337.43	56.73	288.92	28.92	48.49	PHASE
288	.47	11.28	585	5.88	3.46	2.85	2.86	.73	.31	.14	.15	AMP
				58.76	276.38	181.13	358.77	73.29	336.29	125.72	64.56	PHASE
289	-.37	11.88	585	6.82	3.46	2.73	3.19	1.46	.16	.88	.47	AMP
				44.56	273.88	186.69	351.98	78.97	18.88	358.23	48.31	PHASE

TABLE VI.- Continued

(e) Continued

FLAPWISE 51 PERCENT RADIUS												
RUN NO 36												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
275	28.67	41.86	585	19.21 137.84	24.15 358.83	12.56 85.84	1.86 383.58	.92 337.22	1.82 244.56	1.14 72.48	1.13 247.14	AMP PHASE
276	23.88	46.82	585	28.57 132.81	25.18 348.42	14.48 72.37	1.46 297.83	.75 318.63	.91 248.44	.92 58.28	1.54 219.12	AMP PHASE
277	25.28	48.53	585	22.82 131.68	25.85 338.12	15.38 71.88	1.64 298.58	.79 315.89	.89 243.15	.67 91.43	1.79 214.55	AMP PHASE
278	27.31	52.79	585	23.68 129.82	26.81 335.73	16.46 71.77	1.98 288.86	.73 324.48	1.18 245.18	.87 133.59	1.44 285.42	AMP PHASE
279	17.49	51.82	585	24.27 138.24	28.79 346.58	13.91 81.58	.85 352.44	.85 324.36	1.29 211.97	1.49 74.35	2.15 246.32	AMP PHASE
280	19.79	51.85	585	25.86 136.88	28.84 343.33	14.53 78.23	1.93 339.85	1.35 312.38	1.89 217.94	.68 181.59	2.23 238.48	AMP PHASE
281	21.95	54.74	585	26.29 132.98	29.48 356.73	15.93 71.25	1.12 315.82	1.38 385.53	1.16 213.67	.78 128.87	2.81 287.21	AMP PHASE
282	22.76	56.33	585	26.99 138.18	29.88 331.16	16.15 65.54	1.28 382.79	1.25 293.98	1.27 212.17	.87 128.38	1.97 186.87	AMP PHASE
283	23.74	57.93	585	27.33 128.15	38.13 328.28	16.46 62.72	1.19 295.38	1.25 298.17	1.26 218.84	1.17 137.72	1.68 171.48	AMP PHASE
284	13.42	55.34	585	25.83 136.73	29.12 332.56	15.46 59.74	1.14 343.45	2.88 289.76	1.73 198.35	1.73 48.87	3.78 212.54	AMP PHASE
285	15.86	55.13	585	26.71 137.79	28.45 333.92	15.62 62.66	1.18 338.61	1.94 283.73	1.22 287.75	.58 53.58	2.23 223.28	AMP PHASE
286	17.96	54.92	585	27.72 135.93	28.51 331.76	16.35 61.59	1.86 316.67	1.75 288.34	.98 212.32	.68 11.83	2.88 216.18	AMP PHASE
287	19.84	54.97	585	28.14 133.95	28.31 328.99	16.41 57.64	1.84 313.83	1.88 268.52	.79 288.94	.61 326.87	2.53 212.26	AMP PHASE
288	19.96	56.48	585	28.45 135.98	28.64 334.95	16.96 67.66	1.82 319.96	2.81 286.77	.75 243.16	.75 341.48	2.34 233.81	AMP PHASE
289	28.78	58.34	585	28.68 131.88	29.74 329.22	17.87 68.62	1.54 284.71	2.37 278.51	1.88 243.92	.98 277.12	2.72 286.12	AMP PHASE

CHORDWISE 51 PERCENT RADIUS												
RUN NO 36												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
275	37.18	63.92	585	3.52 386.58	16.92 195.89	11.33 346.29	3.79 191.29	7.83 317.82	33.71 313.88	16.92 294.69	2.43 146.28	AMP PHASE
276	38.34	67.17	585	18.84 348.54	24.87 191.48	15.77 334.92	6.38 188.43	9.34 278.38	31.53 282.25	16.87 258.87	.88 192.35	AMP PHASE
277	38.51	96.94	585	22.87 2.25	31.88 196.71	21.27 331.19	1.63 186.16	9.81 277.26	25.68 281.46	19.47 224.27	1.33 236.89	AMP PHASE
278	38.68	118.32	585	36.39 6.19	37.64 281.89	27.72 326.51	15.66 186.78	9.36 257.27	23.98 268.97	23.84 212.88	.88 287.37	AMP PHASE
279	36.18	61.88	585	18.81 329.95	18.88 188.48	14.13 351.34	8.77 152.18	13.81 325.43	25.91 277.55	18.79 252.81	1.82 177.71	AMP PHASE
280	35.39	71.16	585	16.78 345.64	24.49 188.95	17.81 346.24	11.58 138.93	13.72 318.35	22.37 252.37	23.38 238.15	.22 288.46	AMP PHASE
281	34.42	92.76	585	25.62 353.64	38.25 198.65	23.61 334.68	16.87 124.96	12.62 289.63	33.51 231.94	31.73 212.33	.68 166.48	AMP PHASE
282	33.78	183.92	585	38.92 355.38	33.41 188.96	26.51 325.58	17.88 113.56	18.76 267.67	39.88 217.93	33.86 196.82	1.42 97.48	AMP PHASE
283	32.98	118.56	585	35.49 357.35	36.42 188.58	38.87 328.86	19.62 186.42	18.91 255.54	39.28 287.85	35.44 185.77	1.72 118.48	AMP PHASE
284	34.64	57.41	585	18.24 385.28	11.76 145.52	18.14 343.48	18.93 153.55	12.73 321.61	14.87 225.65	28.62 193.96	2.18 195.31	AMP PHASE
285	33.18	78.99	585	16.88 319.49	17.34 162.15	15.23 348.77	13.25 148.56	12.47 385.35	19.83 192.99	27.99 186.85	2.91 249.16	AMP PHASE
286	38.98	84.79	585	23.54 333.33	22.96 171.54	19.67 334.26	16.28 131.23	18.97 298.88	38.63 288.55	34.68 191.75	2.31 223.46	AMP PHASE
287	29.77	93.84	585	27.47 337.65	25.15 172.87	21.68 328.12	17.28 118.67	18.36 289.14	33.21 195.81	37.31 177.95	1.97 195.88	AMP PHASE
288	28.65	182.29	585	32.15 345.93	29.14 182.85	24.21 336.25	18.74 129.11	8.73 381.34	38.74 217.54	48.41 288.58	2.45 284.23	AMP PHASE
289	27.58	116.11	585	35.28 348.91	32.71 188.38	27.75 327.83	28.62 128.89	11.56 265.72	45.58 212.91	43.84 188.12	3.44 197.44	AMP PHASE

TABLE VI.- Continued

(e) Continued

TORSION σ PERCENT RADIUS												
RUN NO		36										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
275	- .86	5.88	585	2.51	2.64	.84	1.23	.16	.13	.16	.16	AMP
				73.58	321.18	216.67	48.98	266.81	138.21	356.91	142.13	PHASE
276	-1.42	7.12	585	3.16	3.87	1.22	1.48	.18	.41	.21	.14	AMP
				67.27	311.89	212.85	36.69	114.66	163.58	298.44	98.81	PHASE
277	-1.96	8.19	585	3.86	3.36	1.49	1.53	.36	.56	.22	.15	AMP
				65.88	311.58	218.83	46.58	114.55	176.77	298.78	92.45	PHASE
278	-2.54	9.28	585	4.75	3.62	1.96	2.82	.97	.75	.27	.22	AMP
				62.37	387.44	221.76	43.54	121.93	188.74	389.71	88.25	PHASE
279	-.69	6.11	585	2.75	2.61	.98	1.23	.28	.16	.23	.12	AMP
				73.51	312.79	175.84	24.43	165.95	258.78	48.64	165.35	PHASE
280	-1.17	6.57	585	3.36	2.89	1.12	1.18	.26	.23	.24	.13	AMP
				69.99	312.84	188.21	28.44	92.41	238.89	76.87	176.76	PHASE
281	-1.78	7.98	585	4.11	3.12	1.48	1.59	.92	.42	.11	.86	AMP
				65.39	385.35	197.52	23.55	112.61	285.82	82.73	61.44	PHASE
282	-2.14	8.55	585	4.57	3.16	1.74	1.88	1.18	.44	.87	.11	AMP
				61.54	299.44	288.83	18.89	186.18	187.58	121.76	8.68	PHASE
283	-2.52	8.79	585	5.87	3.13	1.99	1.93	1.38	.49	.15	.12	AMP
				58.84	297.84	282.97	13.96	96.62	183.86	58.54	18.82	PHASE
284	.62	6.45	585	2.43	2.69	1.72	1.84	.29	.46	.51	.17	AMP
				58.64	284.12	143.13	12.38	23.45	311.18	356.38	172.89	PHASE
285	-.83	7.88	585	3.86	2.79	1.68	.72	.53	.47	.47	.12	AMP
				68.73	292.31	154.15	18.86	15.31	294.35	16.42	172.18	PHASE
286	-.71	7.88	585	3.73	2.89	1.88	1.89	.31	.58	.27	.87	AMP
				59.28	293.17	169.85	17.64	62.17	291.81	27.56	198.28	PHASE
287	-1.87	8.88	585	4.85	2.79	1.91	.98	.68	.52	.28	.18	AMP
				57.83	289.54	172.49	8.81	38.41	288.81	42.58	281.73	PHASE
288	-1.55	8.56	585	4.58	2.74	2.16	1.23	.81	.38	.27	.88	AMP
				57.42	293.72	188.22	19.12	68.71	319.81	181.22	249.72	PHASE
289	-2.21	9.21	585	5.87	2.84	2.12	2.83	1.29	.15	.22	.22	AMP
				49.81	388.26	186.67	17.89	68.48	294.28	63.59	69.96	PHASE

TABLE VI.- Continued

(e) Continued

FLAPWISE 77 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
275	3.23	41.18	585	19.18 143.22	28.54 358.34	8.88 62.73	4.57 225.57	4.76 269.84	.64 91.59	.81 247.63	1.27 AMP 51.32 PHASE
276	5.81	42.78	585	28.43 148.18	21.54 342.84	9.52 58.98	4.45 288.58	4.99 262.11	.61 86.62	.51 233.94	1.81 AMP 24.86 PHASE
277	8.48	43.57	585	21.41 141.17	22.29 341.74	18.41 51.17	4.12 216.21	4.68 268.17	.69 93.28	.33 317.28	2.26 AMP 18.89 PHASE
278	18.87	46.46	585	22.96 142.43	23.74 348.89	11.11 58.82	3.95 221.79	4.58 288.84	.95 92.37	.84 348.14	1.81 AMP 4.38 PHASE
279	.13	46.17	585	22.39 144.27	24.38 346.22	18.13 52.27	5.26 242.36	4.74 291.34	.82 38.97	1.53 278.82	2.16 AMP 58.52 PHASE
280	2.82	45.98	585	22.76 145.18	24.62 343.89	18.57 49.92	4.78 246.85	4.91 293.99	.72 17.52	1.11 323.68	2.46 AMP 48.55 PHASE
281	5.39	47.32	585	23.71 143.81	25.57 338.21	11.34 43.24	4.58 243.38	4.96 286.86	.34 355.72	1.29 323.66	2.48 AMP 5.32 PHASE
282	6.61	48.39	585	24.55 142.85	26.11 333.76	11.51 37.78	4.31 239.96	4.75 277.89	.15 314.22	1.45 311.46	2.44 AMP 342.14 PHASE
283	7.82	49.77	585	24.86 141.36	26.52 338.94	11.67 35.69	4.22 239.96	5.19 275.62	.19 283.88	1.72 314.88	2.18 AMP 323.99 PHASE
284	-4.84	48.38	585	23.87 139.33	24.68 331.38	13.49 32.77	5.22 224.92	7.85 388.84	1.32 16.34	1.57 271.37	4.11 AMP 18.97 PHASE
285	-1.38	47.23	585	23.52 142.76	24.38 333.62	13.38 36.54	4.41 236.11	6.17 297.77	.86 17.83	1.21 331.16	3.98 AMP 28.84 PHASE
286	1.35	47.62	585	24.34 143.26	24.72 332.44	13.88 35.56	3.62 237.96	5.81 298.13	.45 295.88	.77 325.27	3.88 AMP 16.99 PHASE
287	2.65	47.99	585	24.66 142.64	24.63 338.89	13.67 31.37	3.55 238.83	6.28 282.34	.68 272.25	.52 341.38	2.94 AMP 11.86 PHASE
288	3.89	48.28	585	25.11 145.98	24.85 336.94	13.83 48.99	3.45 252.13	6.35 383.82	.94 275.18	.26 15.93	2.82 AMP 38.91 PHASE
289	4.89	58.89	585	24.98 143.24	26.28 331.78	14.81 33.29	3.85 254.51	7.55 292.11	1.87 262.84	1.88 37.57	3.35 AMP 7.15 PHASE

CHORDWISE 77 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
275	52.26	48.88	585	18.12 141.85	18.15 335.78	8.78 44.44	3.64 286.89	6.43 286.21	13.51 386.86	7.31 288.88	1.21 AMP 97.86 PHASE
276	53.66	48.48	585	9.17 129.25	9.45 318.42	11.89 28.57	3.37 167.88	7.51 263.28	12.74 276.59	7.23 253.78	1.88 AMP 33.34 PHASE
277	55.48	46.36	585	8.85 112.73	9.61 387.68	12.82 22.83	4.28 148.98	7.38 262.71	18.46 275.54	7.72 228.89	1.22 AMP 18.12 PHASE
278	58.87	46.58	585	7.85 93.18	18.65 298.91	14.66 15.28	5.44 129.78	6.97 252.98	9.82 254.67	9.82 289.93	1.42 AMP 8.66 PHASE
279	58.34	44.45	585	18.58 148.47	12.88 337.41	11.89 38.99	4.78 282.87	8.41 384.38	18.58 274.61	8.59 258.28	1.89 AMP 68.44 PHASE
280	51.55	46.56	585	9.25 133.99	11.32 326.41	12.39 32.57	4.55 181.89	8.88 294.86	8.95 251.88	9.59 228.94	1.58 AMP 41.88 PHASE
281	53.49	56.93	585	8.31 119.88	11.44 312.58	14.23 28.13	5.38 153.42	8.52 276.22	13.89 228.47	12.68 218.88	1.37 AMP 19.31 PHASE
282	54.74	59.81	585	8.23 118.15	11.64 383.77	14.93 11.38	5.64 135.67	7.78 257.19	16.39 213.74	13.19 195.84	1.64 AMP 11.85 PHASE
283	55.72	68.38	585	8.13 99.82	11.84 297.88	15.59 5.11	6.12 123.48	8.88 248.53	16.63 282.94	13.87 184.75	1.85 AMP 5.31 PHASE
284	45.92	41.74	585	11.88 148.86	14.19 329.34	12.35 27.96	6.31 188.59	18.86 383.98	22.82 226.82	194.57 188.83	22.84 AMP 1.85 PHASE
285	47.74	44.88	585	9.75 141.24	12.42 326.88	13.26 25.78	5.69 174.38	9.68 292.75	6.74 189.62	183.18 137.75	1.85 AMP 358.87 PHASE
286	49.82	58.53	585	8.48 134.35	11.34 317.87	14.26 19.48	6.81 155.78	8.95 279.48	12.29 287.51	13.75 187.41	1.54 AMP 358.67 PHASE
287	58.95	55.18	585	7.76 128.15	18.84 311.98	14.73 13.87	5.76 141.68	9.13 273.11	13.36 194.88	14.82 173.58	1.52 AMP 1.51 PHASE
288	51.94	58.72	585	7.82 123.77	18.45 315.97	15.58 28.83	6.18 149.46	8.38 287.67	16.86 216.25	16.12 196.69	1.45 AMP 38.59 PHASE
289	52.44	69.21	585	6.43 188.78	18.98 387.64	16.46 11.29	6.71 133.58	18.13 266.81	19.77 211.86	17.83 184.84	1.66 AMP 353.68 PHASE

TABLE VI.- Continued

(e) Concluded

TORSION 75 PERCENT RADIUS												
RUN NO 36												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
275	-3.87	3.84	585	2.43	.93	.89	.43	.38	.81	.86	.22	AMP
				124.27	336.18	248.93	79.71	59.47	286.13	156.33	66.16	PHASE
276	-3.31	4.37	585	2.63	1.16	1.14	.57	.46	.19	.88	.21	AMP
				189.24	316.28	238.62	77.22	46.33	158.67	181.88	36.54	PHASE
277	-3.54	4.99	585	2.95	1.36	1.31	.69	.62	.28	.87	.23	AMP
				99.22	312.34	228.37	87.62	55.97	162.82	192.77	41.51	PHASE
278	-3.77	5.55	585	3.41	1.59	1.58	.83	.89	.36	.85	.27	AMP
				98.49	385.76	223.75	79.37	68.45	167.27	295.67	37.35	PHASE
279	-2.94	3.81	585	2.36	.68	.79	.51	.45	.15	.22	.17	AMP
				121.24	318.15	235.28	93.57	65.55	261.14	88.84	75.32	PHASE
280	-3.16	4.19	585	2.55	.89	.95	.58	.67	.17	.23	.13	AMP
				189.37	313.85	231.99	183.88	54.46	245.73	91.66	86.68	PHASE
281	-3.38	4.58	585	2.87	1.11	1.16	.78	.96	.21	.28	.19	AMP
				98.11	381.61	228.95	98.88	61.89	281.93	85.86	21.88	PHASE
282	-3.49	5.81	585	3.88	1.28	1.28	.75	1.85	.19	.28	.22	AMP
				92.15	294.68	214.13	78.31	54.16	178.19	81.16	351.84	PHASE
283	-3.58	5.39	585	3.38	1.25	1.38	.76	1.18	.17	.23	.23	AMP
				88.23	292.22	211.23	77.48	48.86	171.58	51.85	349.34	PHASE
284	-2.33	3.71	585	1.91	.54	.57	.73	.57	.38	.25	.38	AMP
				123.88	269.39	281.46	83.68	32.42	274.54	62.89	84.82	PHASE
285	-2.58	3.87	585	2.11	.61	.93	.75	.78	.36	.25	.25	AMP
				112.61	278.84	287.37	188.86	22.96	258.84	63.28	98.64	PHASE
286	-2.81	4.29	585	2.39	.81	1.88	.76	.74	.39	.28	.17	AMP
				181.35	278.13	286.45	92.29	31.64	261.98	78.39	62.85	PHASE
287	-2.91	4.54	585	2.56	.85	1.16	.73	.96	.36	.32	.11	AMP
				96.98	276.98	284.87	91.73	18.33	261.58	66.45	37.17	PHASE
288	-3.83	5.81	585	2.75	.96	1.29	.71	1.11	.27	.36	.12	AMP
				96.48	283.92	214.87	99.54	39.96	289.71	96.19	48.41	PHASE
289	-3.25	5.29	585	2.85	1.15	1.22	.99	1.42	.11	.27	.23	AMP
				88.76	289.36	286.88	74.15	42.59	231.28	82.58	18.11	PHASE

PITCH LINK												
RUN NO 36												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
275	-1.63	12.86	585	4.87	5.41	.61	2.87	.58	.18	.53	.88	AMP
				298.48	123.94	158.15	217.25	18.96	327.72	65.17	382.73	PHASE
276	-1.84	15.84	585	4.91	6.16	1.88	3.31	.84	.64	.62	.18	AMP
				298.48	117.77	112.75	287.82	321.14	348.44	54.28	278.82	PHASE
277	-2.66	16.74	585	5.92	6.72	1.63	3.48	1.19	.88	.71	.28	AMP
				286.77	118.41	182.93	212.86	313.85	358.26	61.89	279.17	PHASE
278	-2.28	19.16	585	7.28	7.45	2.69	4.23	1.95	1.18	.62	.14	AMP
				277.36	113.88	95.85	216.21	317.79	358.91	58.77	284.37	PHASE
279	-1.91	15.43	585	4.98	5.73	.58	2.89	1.34	.15	.46	.41	AMP
				384.83	121.39	257.37	285.88	353.88	161.68	43.61	234.92	PHASE
280	-1.46	15.28	585	5.37	6.19	.24	2.82	1.22	.82	.57	.48	AMP
				292.16	119.69	215.12	287.83	334.97	328.64	48.12	246.87	PHASE
281	-1.77	17.22	585	6.51	6.85	.79	3.64	1.97	.58	.62	.53	AMP
				281.79	118.82	187.81	285.45	322.88	353.45	57.63	242.73	PHASE
282	-1.42	17.95	585	7.23	7.17	1.45	3.98	2.84	.79	.68	.54	AMP
				274.93	183.82	94.58	281.79	389.48	331.83	46.92	225.84	PHASE
283	.84	18.98	585	8.12	7.37	2.89	4.83	2.27	.96	.62	.46	AMP
				269.99	98.67	92.76	197.39	388.68	325.16	35.88	218.47	PHASE
284	-2.91	15.77	585	4.53	5.88	2.46	2.81	1.32	.78	.36	.45	AMP
				388.82	181.34	273.28	182.77	311.87	176.87	23.75	163.38	PHASE
285	-2.35	15.66	585	5.24	6.28	1.71	2.18	1.31	.65	.22	.48	AMP
				288.62	184.65	275.43	183.23	385.59	182.85	53.51	187.94	PHASE
286	-1.59	16.58	585	6.89	6.68	.83	2.49	1.55	.51	.63	.47	AMP
				277.87	188.97	289.67	193.12	315.27	182.69	52.31	218.41	PHASE
287	-1.28	16.88	585	6.54	6.56	.56	2.31	1.48	.47	.62	.54	AMP
				272.12	97.66	293.28	183.62	298.81	285.85	37.19	221.65	PHASE
288	-1.55	16.32	585	7.28	6.46	.51	2.73	1.84	.49	.77	.74	AMP
				268.46	183.23	12.87	195.66	299.34	274.88	63.99	258.28	PHASE
289	.11	18.15	585	8.81	6.77	.78	3.76	2.65	.65	.39	.85	AMP
				268.27	98.18	84.86	195.91	289.38	286.83	39.37	248.68	PHASE

TABLE VI.- Continued

(f) $\mu = 0.40$; $M_T = 0.65$

PT.	A1	B1	THETA	CL/SIGMA	CU/SIGMA	CW/SIGMA
290	2.9	3.0	0.0	.02638	.00256	.00127
291	2.2	4.3	2.0	.03957	.00236	.00145
292	1.2	5.9	4.0	.05131	.00178	.00193
293	1.3	6.8	5.0	.05624	.00148	.00226
294	1.2	7.7	6.0	.06205	.00109	.00266
295	.9	8.0	7.0	.06451	.00108	.00314
296	.4	8.7	8.0	.07424	.00056	.00371
297	2.5	2.8	2.0	.01661	.00103	.00175
298	1.7	4.5	4.0	.02716	-.00033	.00234
299	1.4	6.1	6.0	.04010	-.00178	.00316
300	1.1	7.7	8.0	.05151	-.00331	.00420
301	.8	8.4	8.9	.05831	-.00422	.00466
302	.6	8.7	9.9	.06477	-.00491	.00531
303	2.1	4.4	6.0	.02032	-.00067	.00265
304	1.4	6.3	8.0	.03126	-.00293	.00374
305	1.1	8.9	9.0	.03803	-.00425	.00442
306	.7	7.5	10.0	.04517	-.00566	.00518
307	.4	7.9	11.0	.05175	-.00684	.00590
308	.1	8.5	12.0	.05815	-.00805	.00671
309	-.3	9.1	13.0	.06471	-.00942	.00764
310	1.0	6.0	10.0	.02300	-.00281	.00394
311	.5	7.0	12.0	.03807	-.00707	.00582
312	.1	7.7	13.0	.04451	-.00897	.00682
313	-.4	8.6	14.0	.04900	-.01072	.00778

TABLE VI.- Continued

(f) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
29#	42.63	44.86	615	16.67	19.1#	9.57	7.25	5.64	1.66	1.87	2.54
				148.45	329.69	76.94	32.99	138.34	39.34	251.32	58.16
291	44.9#	42.63	615	16.8#	19.3#	9.26	6.9#	5.47	1.86	1.28	2.24
				146.8#	328.99	76.87	36.39	122.69	45.47	278.99	57.32
292	46.94	41.33	615	16.96	19.36	8.7#	6.42	5.97	2.82	.44	2.28
				141.3#	325.21	78.38	29.88	114.85	53.3#	287.89	47.37
293	47.71	41.12	615	17.39	19.46	8.49	6.65	6.81	2.89	.64	2.15
				148.76	326.1#	71.78	33.2#	112.92	61.33	336.52	61.76
294	48.69	42.26	615	17.59	19.81	8.27	6.89	6.56	2.32	.46	1.98
				137.54	322.87	66.5#	24.28	113.31	53.29	8.55	51.64
295	49.57	48.25	615	17.62	19.62	8.8#	5.9#	6.7#	2.28	.88	1.52
				136.74	323.55	78.45	28.13	112.91	66.82	16.7#	68.73
296	58.32	41.61	615	17.88	19.89	7.6#	5.42	7.95	2.96	1.73	2.13
				137.1#	329.71	74.37	33.48	133.33	91.89	59.26	68.94
297	43.28	36.46	615	14.5#	18.35	7.63	6.4#	4.92	2.26	2.12	1.89
				148.82	331.2#	79.52	38.76	182.53	6.13	242.68	53.82
298	45.57	37.28	615	14.33	18.4#	7.71	6.81	4.52	2.83	1.61	1.59
				143.66	328.68	75.55	31.76	181.75	18.69	239.63	46.1#
299	47.65	38.63	615	15.87	18.79	7.48	7.35	4.45	1.79	1.89	1.7#
				144.65	334.63	81.77	43.38	128.26	41.13	276.35	66.25
3#	49.72	38.29	616	15.62	18.85	7.22	7.74	4.17	2.86	.98	1.61
				135.39	319.35	56.28	13.83	93.37	14.71	288.53	9.24
3#1	58.64	39.71	614	15.94	19.81	7.18	7.94	4.65	2.18	1.89	1.16
				137.34	326.43	67.98	29.57	118.65	33.85	321.9#	44.8#
3#2	51.58	39.55	615	16.87	18.98	6.83	7.7#	4.28	2.23	1.62	1.88
				133.18	328.86	56.89	17.3#	185.77	19.5#	316.9#	23.44
3#6	58.84	33.22	615	13.3#	16.53	5.5#	7.23	2.18	1.62	.62	1.8#
				139.64	327.39	71.76	24.49	96.11	34.54	288.9#	56.85
3#7	51.88	32.33	615	13.47	16.69	6.25	7.39	3.4#	1.52	.32	.62
				138.99	328.74	71.88	28.15	185.21	37.82	287.89	65.15
3#8	53.83	34.34	615	13.76	17.8#	6.8#	7.58	3.38	1.65	.21	.58
				134.25	322.94	61.99	17.71	185.36	26.84	292.6#	26.8#
3#9	54.27	34.74	615	13.94	16.99	5.65	7.68	3.26	1.8#	.33	.81
				128.95	317.53	55.51	6.15	96.9#	14.92	288.89	28.92
31#	49.15	28.62	615	11.31	13.7#	5.11	4.88	2.58	1.68	.7#	.11
				147.18	332.65	84.94	31.71	88.6#	59.59	198.72	241.4#
311	51.62	28.53	615	11.48	14.38	5.34	6.19	2.71	1.7#	.83	.21
				137.73	321.56	71.95	11.39	81.98	38.6#	152.38	132.37
312	52.88	27.38	615	11.64	14.49	5.2#	6.44	2.78	1.73	.68	.17
				137.47	326.25	79.52	22.12	98.8#	59.68	169.13	154.19
313	53.94	27.25	615	11.82	14.43	4.59	6.59	2.67	1.47	.45	.85
				132.41	323.86	73.44	17.82	84.36	54.56	127.76	121.44

CHORDWISE 25 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
29#	42.12	66.52	615	13.97	28.7#	11.97	13.25	9.84	12.4#	4.6#	.5#
				289.73	154.56	292.58	135.82	387.51	175.53	146.27	198.73
291	48.49	78.4#	615	18.1#	29.87	18.17	13.36	11.86	16.72	7.23	.41
				384.95	162.17	289.88	134.89	294.74	174.91	153.26	197.3#
292	39.63	93.56	615	23.24	37.21	27.13	13.8#	11.43	19.56	9.45	.65
				313.4#	165.13	289.88	127.82	272.63	163.79	148.27	196.32
293	39.36	188.79	615	29.33	42.73	28.3#	14.85	11.65	22.47	18.7#	1.21
				323.79	178.42	286.45	122.36	278.87	168.1#	147.76	288.98
294	39.45	118.8#	615	34.8#	47.12	32.94	15.81	18.78	29.19	13.37	1.69
				329.52	171.2#	283.11	118.27	269.66	166.31	144.56	215.41
295	38.7#	131.76	615	48.79	58.32	35.92	14.73	18.38	31.36	15.8#	3.19
				339.54	174.27	284.6#	114.67	271.14	169.8#	143.64	284.46
296	39.64	148.23	615	45.58	54.89	39.55	14.42	18.68	32.87	17.58	4.3#
				347.28	182.76	291.93	128.64	294.8#	187.92	163.24	228.12
297	41.98	68.24	615	6.79	24.69	14.7#	9.29	9.9#	15.66	3.17	.18
				275.29	162.81	285.56	123.95	387.51	281.27	175.34	172.82
298	42.39	71.76	615	8.74	32.92	21.18	8.83	11.29	17.61	4.12	.46
				292.29	169.64	279.32	121.87	279.11	195.59	155.59	239.79
299	43.51	91.58	615	15.78	43.25	27.23	8.72	12.81	16.66	6.83	1.49
				325.56	182.38	295.45	134.77	284.67	281.87	177.8#	272.48
3#	44.74	116.81	616	27.83	52.3#	34.69	11.74	13.97	21.87	8.32	2.49
				336.94	172.58	273.48	96.69	246.15	164.83	131.81	222.26
3#1	44.74	129.24	614	33.41	56.35	38.68	12.26	12.99	18.77	18.77	3.85
				345.27	184.74	285.2#	114.89	268.94	172.43	157.87	257.6#
3#2	44.4#	137.91	615	41.23	59.22	41.5#	13.16	12.76	26.69	12.39	3.98
				347.88	188.71	276.18	98.36	251.42	161.63	135.11	232.7#
3#6	46.41	188.14	615	22.71	53.96	35.18	8.62	15.87	19.91	6.88	2.46
				352.58	188.87	282.41	181.65	252.14	212.94	164.14	248.24
3#7	47.69	115.53	615	29.76	58.82	38.59	18.87	15.83	18.85	7.77	2.9#
				357.29	193.75	289.71	185.76	258.11	289.62	165.8#	252.75
3#8	48.78	126.26	615	39.81	62.61	43.7#	11.85	13.56	28.61	18.46	3.86
				.16	191.8#	276.81	94.32	246.69	187.6#	154.19	238.85
3#9	58.11	137.68	615	49.18	66.95	48.58	12.78	13.16	22.81	11.62	4.94
				.86	188.4#	268.58	84.81	231.94	175.23	143.31	222.3#
31#	42.54	73.93	615	2.6#	44.84	23.76	4.82	11.17	14.95	1.38	.64
				336.82	196.93	298.66	156.36	252.59	237.86	257.36	228.79
311	47.27	91.38	615	17.42	54.84	38.84	5.83	13.7#	21.74	4.87	2.5#
				5.8#	192.61	279.57	185.98	231.54	289.36	165.81	227.6#
312	49.84	189.48	615	26.66	59.15	35.82	7.65	15.63	23.64	5.82	2.85
				11.18	288.7#	286.48	188.49	241.75	238.38	183.86	257.52
313	51.63	119.35	615	35.85	63.23	39.57	8.19	17.92	21.33	6.81	3.42
				7.42	288.61	282.18	98.96	234.82	222.86	165.8#	258.24

TABLE VI.- Continued

(f) Continued

TORSION 28 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
290	5.27	11.24	615	2.85	5.89	2.76	2.86	1.55	1.82	.31	.22
				97.74	288.26	112.82	342.13	125.83	342.67	317.75	37.64
291	4.33	11.83	615	3.86	5.48	2.31	2.85	1.53	1.83	.17	.29
				94.88	284.82	117.18	349.49	128.26	335.49	295.19	61.88
292	3.29	12.89	615	4.72	5.89	1.83	1.99	1.59	1.98	.18	.28
				91.12	282.17	128.43	345.79	118.79	321.15	228.27	65.68
293	2.66	13.46	615	5.35	6.86	1.57	2.88	1.64	1.83	.14	.32
				91.89	284.28	129.28	346.22	189.83	321.28	289.19	89.85
294	1.96	15.17	615	6.83	6.48	1.78	2.72	2.19	1.72	.35	.44
				85.35	288.23	149.66	341.75	188.43	318.49	176.49	76.16
295	.96	15.21	615	7.89	5.95	1.68	2.95	2.64	.26	.43	.58
				88.82	279.48	176.41	344.81	96.83	336.54	186.66	91.34
296	-.17	16.46	615	7.89	5.81	.78	3.91	4.86	.76	.78	.96
				76.37	288.76	198.73	7.96	184.58	187.93	167.72	125.88
297	4.51	18.83	615	2.88	4.39	1.48	2.45	1.35	.71	.28	.38
				123.76	293.76	93.74	336.74	131.81	336.34	211.41	73.12
298	3.71	12.22	615	3.53	5.16	.96	2.47	1.59	.52	.23	.36
				113.51	296.85	118.62	342.87	124.88	329.78	188.45	68.52
299	2.82	13.72	615	4.34	5.92	.71	2.48	1.92	.37	.26	.33
				111.35	384.59	139.62	1.58	141.78	327.61	192.18	89.27
300	1.72	15.89	616	5.47	6.48	.54	2.61	2.42	.17	.26	.53
				98.38	288.92	197.39	347.51	112.39	257.26	161.89	48.18
301	1.18	15.93	614	5.98	6.78	.86	2.79	2.69	.87	.31	.58
				99.23	294.87	221.92	3.61	126.45	178.28	188.42	66.83
302	.56	16.78	615	6.76	6.78	1.38	3.84	2.98	.43	.41	.59
				92.68	286.71	232.44	354.11	187.62	131.81	178.17	32.93
306	1.68	14.82	615	4.78	6.46	1.73	2.88	2.12	.26	.49	.43
				185.44	381.89	237.37	14.58	132.66	193.78	288.86	89.39
307	1.16	14.59	615	5.22	6.61	1.98	2.86	2.29	.32	.51	.42
				183.41	383.16	244.23	19.64	133.63	188.11	288.14	85.48
308	.64	16.36	615	5.91	6.78	2.28	3.26	2.81	.56	.61	.51
				96.32	295.93	239.36	18.17	128.88	155.73	196.68	51.32
309	.83	17.56	615	6.73	6.88	3.82	3.75	3.15	.94	.68	.68
				89.33	289.55	237.45	7.15	113.11	142.48	198.55	36.67
310	2.22	12.55	615	4.42	5.79	2.89	2.75	.81	.24	.35	.38
				138.83	388.18	258.85	26.87	163.22	32.56	245.57	181.65
311	1.39	15.28	615	4.88	6.23	2.82	3.22	1.58	.38	.66	.42
				112.33	298.36	248.26	7.97	121.88	144.56	288.91	57.57
312	.96	16.54	615	5.32	6.43	3.32	3.53	2.82	.74	.72	.48
				189.52	383.84	258.32	25.58	141.53	177.98	233.86	86.79
313	.55	16.83	615	5.62	6.61	3.68	3.47	2.28	1.88	.59	.48
				183.81	388.71	246.74	23.59	135.82	174.91	224.77	75.99

TABLE VI.- Continued

(f) Continued

FLAPWISE 37 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
298	25.92	47.85	615	22.61	23.37	11.84	5.84	2.51	.63	.73	.81
291	27.95	47.31	615	144.81	333.67	67.72	24.83	139.22	39.38	289.26	243.74
292	29.82	47.11	615	23.14	23.82	11.28	4.42	2.38	.68	.79	.88
293	38.64	47.65	615	143.17	333.81	67.45	27.83	126.77	44.54	282.83	247.67
294	31.62	48.19	615	23.64	24.11	11.26	3.83	2.67	.49	.74	.98
295	32.43	49.84	615	139.75	329.28	62.61	28.55	116.28	68.24	263.61	233.49
296	33.14	49.67	615	24.16	24.46	11.42	3.86	2.71	.46	.72	.81
297	27.29	48.85	615	139.51	338.17	65.81	26.71	113.23	83.81	267.65	242.69
298	29.55	41.85	615	24.45	25.87	11.88	3.32	3.21	.52	.72	.88
299	31.49	44.84	615	136.79	326.48	68.55	17.52	114.46	91.36	257.48	234.31
300	33.49	44.68	616	24.77	25.86	12.82	2.98	3.35	.65	.77	.96
301	34.35	46.31	614	136.71	327.37	64.16	24.85	115.37	124.55	259.88	243.38
302	35.28	46.65	615	25.18	25.71	11.78	2.46	4.82	.85	.91	1.01
303	35.64	38.53	615	138.88	333.24	78.48	23.57	137.44	151.51	275.11	268.88
304	36.48	38.66	615	19.71	22.98	9.69	4.53	2.18	.51	.67	.68
305	37.51	48.36	615	143.42	337.14	74.88	31.87	89.25	339.67	283.37	248.13
306	38.67	41.28	615	19.51	23.39	18.43	4.54	2.89	.38	.75	.63
307	35.12	33.47	615	139.58	334.54	71.23	27.88	85.57	321.92	276.75	225.92
308	37.24	34.85	615	28.78	24.12	18.82	4.81	2.88	.28	.77	.59
309	38.48	35.26	615	148.94	348.68	79.81	42.15	111.69	332.88	385.59	254.84
310	39.58	34.83	615	21.52	24.56	11.53	4.86	2.88	.14	.76	.56
311	37.24	34.85	615	132.93	325.24	56.15	13.42	74.89	258.35	257.55	197.87
312	38.48	35.26	615	22.83	24.97	11.96	4.93	2.22	.23	.78	.78
313	39.58	34.83	615	135.64	332.63	68.38	29.55	183.87	268.55	285.99	238.46
				22.54	22.41	11.29	4.56	1.99	.33	.81	.47
				132.41	326.42	58.86	18.59	98.11	233.79	263.68	219.98
				18.83	22.81	11.37	4.41	1.75	.68	.82	.34
				136.86	335.61	71.38	21.87	72.87	248.47	293.37	262.12
				18.58	22.29	11.51	4.44	1.78	.67	.75	.33
				137.21	337.89	72.49	27.33	83.88	242.36	294.88	271.64
				19.25	22.76	11.83	4.38	1.57	.78	.88	.64
				134.86	331.41	63.92	18.14	83.88	227.87	276.45	268.65
				19.58	22.86	12.28	4.36	1.46	.84	.86	.23
				138.62	326.26	58.88	6.86	72.74	219.61	263.25	252.11
				14.35	18.74	9.13	2.68	1.83	.68	.78	.12
				142.45	343.58	85.23	26.63	77.86	264.63	324.96	348.81
				15.16	19.89	18.41	3.56	1.88	.88	.69	.24
				136.48	332.98	71.21	8.26	68.88	217.16	289.89	299.65
				15.64	28.86	18.86	3.59	1.83	.84	.72	.24
				138.32	338.25	79.67	18.19	75.29	237.56	388.34	341.81
				15.95	28.88	18.87	3.65	1.88	1.12	.67	.24
				135.85	335.49	75.35	14.83	68.37	226.28	297.83	331.57

CHORDWISE 37 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
298	24.41	68.28	615	15.37	17.32	9.48	16.76	15.88	17.77	8.78	2.87
291	22.69	83.71	615	297.33	151.83	323.57	135.98	297.89	175.69	164.92	235.68
292	21.15	99.98	615	18.91	23.92	14.72	17.91	16.98	24.27	12.47	1.97
293	28.27	113.23	615	389.64	161.82	317.79	133.63	297.88	172.96	167.19	255.77
294	19.73	119.92	615	23.22	38.79	19.58	19.76	17.11	38.79	16.49	1.95
295	18.55	128.57	615	317.14	165.88	318.78	126.27	268.39	162.57	157.85	241.28
296	18.74	133.87	615	28.87	35.25	23.17	28.48	17.48	34.31	17.96	2.49
297	23.81	67.22	615	325.58	171.57	313.16	122.94	273.56	166.79	156.97	239.95
298	24.81	71.27	615	31.86	39.28	27.55	21.92	15.95	45.46	22.81	2.76
299	24.15	86.82	615	338.51	172.46	389.31	119.76	262.95	166.29	152.59	231.82
300	24.14	183.78	616	37.48	42.82	38.54	21.99	14.91	49.47	23.31	3.98
301	23.83	114.79	614	339.32	176.85	318.48	116.97	263.11	178.78	151.88	223.43
302	23.86	126.47	615	41.88	47.26	34.34	21.35	15.46	52.84	27.24	5.87
303	25.94	89.93	615	345.95	184.92	316.73	125.18	283.18	189.72	171.82	231.41
304	26.42	98.76	615	8.64	18.76	9.81	11.75	15.14	24.49	6.65	.65
305	26.72	115.48	615	298.12	158.48	389.67	125.93	383.76	281.62	288.22	289.14
306	27.32	122.81	615	15.72	33.33	28.88	13.23	18.51	196.87	189.85	243.48
307	23.86	69.26	615	325.51	182.42	319.68	135.84	286.38	282.52	288.42	298.85
308	23.86	69.26	615	24.38	41.26	26.23	17.47	19.66	32.62	12.38	1.98
309	23.86	69.26	615	334.72	173.37	288.58	188.55	247.46	165.67	146.24	234.37
310	23.86	69.26	615	29.84	48.83	29.59	18.44	18.81	35.98	14.66	2.33
311	27.32	82.99	615	343.18	186.87	318.82	118.27	267.89	184.81	168.35	288.24
312	29.13	97.44	615	35.38	48.22	32.39	19.69	17.41	42.48	17.44	3.36
313	38.24	186.68	615	345.36	182.34	381.59	182.85	249.28	163.65	143.16	247.53
				18.94	41.67	24.55	12.56	19.21	32.47	18.29	1.15
				348.72	198.58	305.88	189.82	253.56	23.63	187.19	257.65
				24.22	45.57	27.43	14.59	18.95	31.31	18.63	1.31
				353.56	195.48	385.68	112.22	258.25	218.65	179.38	284.65
				31.21	49.88	31.76	17.28	17.18	34.76	14.93	2.28
				356.68	192.69	299.82	188.58	245.34	189.98	163.95	268.89
				38.85	54.24	35.78	18.54	16.14	37.16	16.58	3.29
				357.32	198.86	291.68	98.84	228.76	178.84	153.24	237.37
				3.83	32.74	15.26	7.63	13.25	24.93	5.22	1.86
				342.22	199.76	326.95	158.88	254.77	241.69	299.31	186.58
				13.14	41.83	28.38	8.32	16.88	36.24	4.77	.82
				1.46	195.45	384.73	112.82	228.53	218.48	288.75	388.39
				19.72	45.96	24.25	18.82	18.84	39.88	7.19	1.16
				7.86	283.84	389.96	114.74	237.71	231.82	288.44	389.74
				25.83	49.79	27.59	11.68	28.72	36.72	8.61	1.94
				5.12	282.94	384.74	185.37	238.41	222.53	174.58	294.33

TABLE VI.- Continued

(f) Continued

TORSION 36 PERCENT RADIUS											
RUN NO		36									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
290	3.84	8.72	615	2.58	3.47	2.37	1.48	.96	.74	.39	.11 AMP
				51.81	257.45	106.88	302.11	78.62	290.95	305.91	319.00 PHASE
291	2.92	9.07	615	3.42	3.61	2.10	1.52	.93	.79	.27	.14 AMP
				56.40	265.49	115.83	311.43	72.84	282.78	320.84	355.46 PHASE
292	1.94	9.84	615	4.12	3.82	1.91	1.54	.96	.82	.19	.11 AMP
				56.35	264.82	125.01	308.63	63.16	268.04	338.53	4.55 PHASE
293	1.37	10.39	615	4.61	3.87	1.84	1.59	1.02	.73	.15	.13 AMP
				58.22	267.91	136.30	308.96	61.93	267.26	3.77	48.24 PHASE
294	.75	11.71	615	5.24	4.08	2.29	2.24	1.45	.70	.22	.16 AMP
				54.66	264.76	146.68	308.14	63.95	262.20	56.23	28.50 PHASE
295	-.19	12.03	615	6.29	3.53	2.53	2.55	1.91	.34	.26	.19 AMP
				52.11	264.52	165.94	312.59	51.58	269.33	96.35	32.60 PHASE
296	-1.25	12.44	615	7.19	3.21	1.97	3.44	3.16	.48	.59	.48 AMP
				49.20	277.51	102.81	337.00	61.63	59.26	105.24	69.40 PHASE
297	3.03	6.60	615	2.01	2.74	1.19	1.95	.72	.46	.05	.23 AMP
				70.49	275.25	101.69	296.79	92.09	279.72	261.56	19.43 PHASE
298	2.27	7.40	615	2.74	3.36	1.01	1.90	.91	.33	.05	.42 AMP
				69.15	280.82	120.96	302.56	82.71	268.16	8.74	21.51 PHASE
299	1.40	8.64	615	3.52	3.91	1.07	1.02	1.22	.30	.12	.15 AMP
				71.62	289.77	158.18	321.75	98.61	258.27	57.20	44.33 PHASE
300	.37	9.88	616	4.59	4.28	1.35	1.99	1.71	.28	.12	.26 AMP
				64.48	275.48	169.28	310.44	70.20	187.85	21.19	348.66 PHASE
301	-.13	10.03	614	5.05	4.40	1.66	2.18	1.97	.23	.19	.23 AMP
				67.24	281.71	187.25	326.94	82.84	187.07	59.82	10.60 PHASE
302	-.76	11.52	615	5.84	4.39	1.99	2.47	2.31	.40	.19	.28 AMP
				62.97	273.39	189.13	310.34	63.90	127.36	70.30	334.40 PHASE
305	.18	9.83	615	4.14	4.53	2.03	2.05	1.45	.29	.20	.25 AMP
				68.81	289.08	203.90	342.16	92.15	157.19	175.96	33.99 PHASE
307	-.27	10.49	615	4.59	4.60	2.17	2.05	1.62	.32	.20	.23 AMP
				69.25	290.78	208.90	347.20	91.70	154.33	162.81	32.09 PHASE
308	-.76	11.39	615	5.29	4.68	2.50	2.42	2.10	.49	.27	.28 AMP
				65.21	283.32	203.70	337.71	78.10	130.55	152.90	.19 PHASE
309	-1.38	12.16	615	6.12	4.71	3.10	2.06	2.41	.00	.33	.36 AMP
				61.42	276.82	202.54	335.51	70.45	112.72	168.59	346.38 PHASE
310	.79	8.28	615	3.13	4.18	2.15	2.05	.42	.18	.21	.18 AMP
				92.04	297.57	223.53	352.53	131.78	331.71	219.26	42.83 PHASE
311	-.01	9.92	615	3.91	4.53	2.78	2.32	1.06	.30	.43	.25 AMP
				77.06	287.73	207.94	335.85	79.06	114.34	172.66	352.49 PHASE
312	-.44	11.09	615	4.47	4.68	3.19	2.58	1.40	.59	.48	.30 AMP
				76.76	293.11	218.68	354.40	101.95	141.56	196.46	23.74 PHASE
313	-.04	11.26	615	4.85	4.79	3.46	2.56	1.54	.78	.40	.31 AMP
				73.16	289.35	215.89	353.58	95.10	138.36	190.39	19.51 PHASE

TABLE VI.- Continued

(f) Continued

FLAPWISE 51 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
29#	12.82	55.2#	615	26.39	27.97	13.96	.99	2.49	1.72	1.48	2.95
				14#51	334.16	53.76	11.54	296.4#	211.98	69.54	231.55
291	15.89	54.87	615	27.33	28.71	14.66	.97	2.26	1.46	1.8#	2.52
				138.83	333.86	54.32	355.84	291.19	211.32	87.83	231.12
292	17.8#	55.63	615	28.29	29.16	15.39	.94	2.23	1.24	.35	2.41
				135.82	333.43	51.38	335.32	281.21	288.96	112.8#	228.8#
293	17.99	57.79	615	28.92	29.71	15.49	.94	2.3#	1.23	.63	2.26
				135.68	331.4#	54.15	335.89	288.43	216.61	166.48	233.62
294	18.91	58.44	615	29.28	3#57	16.33	.92	2.36	1.17	.34	2.3#
				133.21	327.83	49.97	315.17	278.3#	211.15	288.52	223.81
295	19.64	59.93	615	29.62	3#55	16.66	.87	2.51	1.17	.71	1.51
				133.13	328.75	53.47	3#6.62	274.96	223.51	284.7#	233.6#
296	2#25	6#81	615	3#83	31.53	16.41	1.47	3.21	1.45	1.77	2.24
				134.4#	334.52	6#68	288.58	287.85	255.75	243.64	243.6#
297	14.57	51.85	615	23.76	28.17	12.24	1.1#	2.31	1.83	1.89	1.97
				137.41	338.54	6#81	33.24	3#1.79	186.83	56.7#	227.38
298	17.81	58.74	615	24.82	28.9#	13.59	.92	1.9#	1.48	1.43	1.59
				134.2#	335.81	59.41	9.91	3#1.23	185.22	6#85	222.9#
299	19.86	53.12	616	25.45	29.96	14.35	.98	1.87	1.23	.86	1.75
				136.89	342.84	69.33	16.87	321.28	214.99	82.84	244.98
3#8	21.25	55.85	616	26.58	3#81	16.81	1.15	1.69	1.28	.68	1.6#
				128.41	326.46	49.18	329.54	285.67	189.89	187.81	188.28
3#1	22.14	57.83	614	27.22	31.83	16.7#	1.15	1.78	1.49	.83	1.25
				131.43	333.79	62.18	339.93	3#8.46	287.54	149.15	219.78
3#2	22.89	59.27	615	27.96	31.29	17.8#	1.86	1.64	1.45	1.35	1.89
				128.41	327.48	53.69	319.23	283.8#	196.62	141.8#	197.95
3#6	24.14	48.39	615	22.61	27.41	15.82	1.16	1.49	1.3#	.57	.81
				131.52	335.45	64.74	313.63	3#8.84	217.28	8.84	224.77
3#7	25.85	5#17	615	23.35	27.76	16.38	1.14	1.45	1.31	.31	.73
				131.96	336.81	67.35	315.6#	3#9.16	219.3#	352.42	231.78
3#8	26.84	51.94	615	24.33	28.42	17.29	1.86	1.54	1.46	.86	.76
				129.31	331.52	59.94	298.31	299.57	211.11	187.47	281.7#
3#9	27.27	54.47	615	24.91	28.72	18.22	1.22	1.45	1.61	.13	.94
				126.19	326.33	54.63	285.83	292.42	284.96	145.81	194.84
31#	24.34	48.39	615	17.52	23.47	12.38	1.85	.77	1.35	.76	.87
				136.25	343.47	77.15	283.29	343.25	231.42	3.44	138.91
311	26.62	43.97	615	19.17	24.66	14.48	1.82	1.45	1.33	.84	.82
				138.51	333.27	64.69	278.93	312.48	285.64	321.79	338.59
312	27.91	44.99	615	19.91	24.86	15.48	1.18	1.85	1.42	.73	.86
				133.81	338.46	73.67	278.9#	338.74	231.2#	335.38	287.84
313	29.15	44.99	615	28.43	24.78	15.77	1.19	1.12	1.28	.63	.15
				131.15	335.6#	78.26	273.45	322.23	225.88	381.94	181.86

CHORDWISE 51 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
29#	38.16	66.85	615	14.46	12.5#	8.24	17.2#	17.82	28.1#	12.3#	2.83
				383.64	153.93	358.72	139.62	294.79	188.4#	172.85	241.82
291	36.43	79.3#	615	17.87	17.89	12.43	18.68	18.68	27.16	2.7#	2.7#
				314.8#	166.71	342.85	135.71	283.9#	176.86	174.78	267.8#
292	34.9#	89.2#	615	21.56	23.66	17.82	28.69	28.92	35.23	22.11	2.71
				321.16	171.34	333.95	126.47	263.86	166.62	165.69	266.46
293	33.7#	184.2#	615	25.45	27.53	2#37	21.57	21.18	39.38	23.97	2.95
				328.68	176.85	334.19	122.68	267.59	17#31	166.26	265.38
294	32.57	115.78	615	28.61	3#94	24.88	22.94	2#8#	52.98	28.93	2.68
				333.3#	177.31	328.8#	119.63	254.42	178.81	162.19	256.23
295	3#93	121.73	615	33.77	34.86	28.15	23.46	19.41	57.46	29.78	3.2#
				341.87	188.89	326.91	115.72	252.23	174.53	161.83	245.58
296	3#7#	133.38	615	36.85	39.95	32.63	22.82	28.54	6#4#	34.53	4.39
				349.92	188.74	331.17	122.95	278.96	193.63	181.99	242.77
297	37.59	72.37	615	8.42	13.81	6.49	12.16	18.49	29.7#	9.83	.87
				3#2.92	162.83	352.64	129.35	3#2.53	285.56	215.73	193.73
298	37.54	74.61	615	9.91	19.85	18.19	12.35	19.97	32.59	9.43	1.4#
				3#9.73	172.74	335.85	124.94	278.71	288.26	281.36	262.84
299	37.44	89.89	615	14.74	26.89	16.92	14.85	22.89	3#7.9	12.89	.96
				329.89	187.99	344.73	135.73	285.93	287.51	218.34	349.17
3#8	36.87	181.59	616	21.99	32.88	23.1#	18.82	23.51	39.22	16.68	1.55
				336.95	179.76	321.64	99.83	244.83	178.31	156.18	282.81
3#1	36.33	114.12	614	25.68	36.2#	26.33	28.11	21.68	42.67	19.31	2.2#
				344.97	191.61	331.63	117.17	263.43	189.8#	178.67	332.53
3#2	35.59	122.53	615	3#91	39.2#	29.76	21.65	21.89	5#28	22.57	2.13
				346.61	187.84	322.2#	1#2.8#	243.83	167.8#	153.81	292.8#
3#5	39.69	86.64	615	1.7#7	34.42	21.45	13.8#	22.44	4#43	18.44	.46
				358.8#	196.8#	338.85	1#9.68	253.39	217.59	199.52	1.3#
3#7	39.9#	97.13	615	21.36	37.82	23.97	16.2#	22.85	38.7#	13.19	1.34
				354.25	2#8.61	338.36	112.8#	256.95	215.81	189.37	7.74
3#8	39.88	112.87	615	27.12	41.65	28.3#	19.41	2#2.2#	42.69	18.6#	1.61
				356.62	197.56	321.27	1#1.59	241.99	194.24	172.34	318.89
3#9	4#16	118.8#	615	33.44	45.53	32.14	21.82	21.95	2#42	2#42	2.13
				356.3#	194.7#	313.8#	95.87	223.73	182.71	162.86	273.56
31#	38.85	71.87	615	3.5#8	27.33	14.38	8.75	15.17	31.78	8.1#	2.18
				354.8#	286.3#	358.74	158.95	257.11	245.63	287.83	94.24
311	41.42	89.84	615	11.8#	35.79	18.36	18.18	18.29	45.63	6.41	1.77
				3.24	2#1.84	333.86	114.87	229.33	213.79	22#24	16.9#
312	42.67	181.45	615	17.1#	39.42	21.57	12.23	2#7.7	5#1.7	8.52	1.7#
				8.14	2#8.4#	336.18	117.92	237.48	234.59	214.69	37.8#
313	43.26	187.59	615	21.9#	43.86	24.73	13.32	23.83	45.5#	9.79	1.92
				5.38	2#7.8#	328.67	189.6#	229.58	226.12	184.3#	356.7#

TABLE VI.- Continued

(f) Continued

TORSION 5% PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
298	.58	6.76	615	2.29	2.58	1.73	.87	.41	.42	.61	.89 AMP
291	-.15	6.65	615	64.58	276.16	121.64	331.82	83.33	387.84	356.18	269.95 PHASE
292	-.85	7.36	615	2.95	2.66	1.59	.91	.46	.51	.56	.86 AMP
293	-1.26	7.82	615	66.33	285.25	129.22	338.51	64.36	292.88	6.63	233.94 PHASE
294	-1.69	8.82	615	3.48	2.83	1.58	.93	.57	.62	.58	.15 AMP
295	-2.37	8.94	615	64.52	285.54	137.86	333.93	52.75	288.23	4.31	288.81 PHASE
296	-3.17	9.45	615	3.84	2.87	1.49	.96	.68	.58	.48	.22 AMP
297	-.88	5.82	615	65.18	289.36	147.18	334.26	52.68	276.28	15.68	198.58 PHASE
298	-1.58	5.76	615	4.26	3.81	1.83	1.44	.97	.58	.44	.23 AMP
299	-1.21	6.66	615	68.91	286.54	155.71	334.61	63.33	272.55	28.87	285.95 PHASE
300	-1.97	7.51	616	4.86	2.85	2.87	1.64	1.48	.26	.26	.23 AMP
301	-2.33	8.22	614	58.51	291.63	171.87	336.84	55.14	278.55	52.34	233.55 PHASE
302	-2.94	8.68	615	5.37	2.68	1.75	2.32	2.51	.37	.41	.16 AMP
303	-2.38	7.75	615	54.34	389.93	179.11	3.97	74.17	128.28	115.48	183.19 PHASE
304	-2.65	8.15	615	2.86	2.88	.99	1.22	.24	.22	.38	.81 AMP
305	-3.41	9.56	615	75.35	297.38	114.69	328.99	188.43	286.49	7.26	8.74 PHASE
306	-1.92	6.79	615	2.66	2.57	.87	1.16	.41	.16	.31	.84 AMP
307	-2.51	7.85	615	73.88	299.65	133.38	327.52	84.76	266.75	7.78	162.63 PHASE
308	-2.84	8.78	615	3.24	2.99	.98	1.11	.67	.24	.34	.87 AMP
309	-3.13	9.23	615	74.71	387.44	154.52	345.75	182.84	256.76	36.45	287.88 PHASE
310	-2.84	8.78	615	3.96	3.28	1.83	1.22	1.82	.34	.35	.83 AMP
311	-2.51	7.85	615	67.87	294.86	162.26	337.86	79.21	199.74	358.61	76.56 PHASE
312	-2.84	8.78	615	4.25	3.36	1.22	1.38	1.31	.33	.39	.85 AMP
313	-3.13	9.23	615	78.79	381.49	182.14	353.22	91.66	212.46	48.57	283.97 PHASE
				4.72	3.36	1.47	1.65	1.66	.46	.29	.15 AMP
				67.83	295.34	185.29	344.55	75.81	167.37	27.47	293.83 PHASE
				3.82	3.56	1.29	1.27	.98	.32	.15	.88 AMP
				78.68	385.94	284.59	188.89	97.18	178.58	313.64	44.72 PHASE
				4.12	3.66	1.38	1.27	1.89	.33	.18	.86 AMP
				71.47	388.87	289.54	14.83	97.49	173.57	335.62	355.96 PHASE
				4.54	3.79	1.58	1.55	1.53	.49	.84	.11 AMP
				68.89	382.13	284.17	4.85	87.67	154.98	263.63	326.44 PHASE
				5.83	3.89	1.95	1.98	1.78	.73	.16	.15 AMP
				65.45	297.23	284.27	1.38	81.86	138.41	251.33	339.87 PHASE
				2.97	3.27	1.48	1.32	.86	.17	.18	.17 AMP
				85.28	316.24	226.43	15.29	68.81	18.74	317.69	45.98 PHASE
				3.61	3.61	1.77	1.44	.69	.38	.31	.23 AMP
				74.14	385.44	212.36	1.83	76.39	134.62	237.89	348.38 PHASE
				4.84	3.78	1.98	1.64	.92	.53	.37	.26 AMP
				75.81	318.64	224.88	21.14	185.17	161.17	257.96	24.72 PHASE
				4.33	3.92	2.14	1.68	1.87	.69	.35	.26 AMP
				72.32	387.24	221.61	21.89	98.33	157.55	259.59	21.39 PHASE

TABLE VI.- Continued

(f) Continued

FLAPWISE 77 PERCENT RADIUS											
RUN NO		36									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
298	-5.13	48.39	615	24.68	24.63	13.32	4.97	4.44	2.27	2.89	3.17
				141.86	331.23	31.26	227.86	296.99	31.97	384.95	33.12
291	-2.68	48.69	615	25.18	25.67	13.52	4.49	4.84	1.71	1.99	3.03
				143.88	332.25	38.14	233.77	287.97	21.38	328.27	31.75
292	-2.25	58.68	615	25.95	26.48	13.78	5.87	5.67	1.48	1.78	2.85
				142.81	338.11	25.58	228.73	279.15	353.67	326.19	19.45
293	.77	52.25	615	26.35	27.38	14.13	4.88	5.89	1.33	1.78	2.53
				143.84	331.49	26.98	234.26	279.26	351.75	338.14	33.48
294	1.84	53.34	615	26.96	28.22	14.57	3.74	6.67	1.31	1.43	2.26
				142.13	329.12	22.14	227.72	278.99	338.92	333.81	28.95
295	3.86	54.59	615	27.28	28.31	14.68	3.54	7.38	1.59	1.62	1.69
				143.38	338.64	25.49	248.66	282.92	319.82	341.98	26.36
296	3.69	54.83	615	27.42	29.63	14.98	3.48	8.58	2.26	2.67	2.67
				145.91	337.14	38.82	268.18	384.86	345.63	34.91	46.23
297	-2.95	47.76	615	23.45	24.46	18.25	5.75	4.57	1.73	2.11	1.69
				139.18	335.81	33.78	218.38	256.58	13.55	259.37	32.38
298	-.62	48.56	615	23.54	25.25	18.68	5.69	5.82	1.14	1.62	1.46
				139.88	334.11	32.63	214.86	256.61	5.68	247.33	38.65
299	1.48	58.93	615	24.98	26.58	18.81	5.81	5.24	.94	1.12	1.77
				143.28	342.83	42.15	229.69	283.15	15.29	281.31	51.67
300	4.26	51.62	616	25.81	27.18	12.23	5.15	5.51	1.83	1.17	1.73
				137.23	327.78	23.91	285.87	253.88	337.77	284.32	353.88
301	5.27	52.63	614	26.31	27.98	12.33	5.27	6.88	1.86	1.12	1.32
				141.42	335.55	36.89	221.29	279.18	.41	328.82	23.76
302	6.33	54.46	615	26.97	28.22	12.81	4.95	6.85	1.14	1.73	1.17
				139.62	329.61	27.65	214.18	267.18	348.31	313.64	352.41
306	7.86	48.65	615	23.32	24.38	11.85	4.88	5.86	.96	.77	.77
				139.35	337.82	44.35	284.93	258.61	44.88	178.83	48.83
307	8.27	49.98	615	23.75	24.83	11.48	4.64	4.88	.55	.66	.66
				141.86	339.54	47.75	218.27	261.94	43.56	158.28	43.64
308	9.58	58.68	615	24.69	25.59	12.38	4.36	5.83	1.25	.22	.75
				139.47	335.89	41.83	281.88	258.64	32.82	94.78	8.77
309	11.88	53.11	615	25.87	26.87	13.82	4.86	5.82	1.41	.28	.91
				137.72	338.26	36.48	198.22	251.24	26.72	46.87	.88
310	7.27	42.58	615	19.44	28.58	7.79	3.77	5.88	1.84	.95	.18
				141.81	346.82	61.68	211.68	254.14	47.54	178.21	293.88
311	9.88	46.17	615	28.71	21.88	9.57	4.18	5.24	1.18	1.18	1.18
				137.93	337.34	49.37	187.93	243.88	18.74	138.22	212.74
312	11.18	46.49	615	21.34	22.17	18.45	4.13	5.34	1.32	1.84	.13
				141.52	343.38	58.25	197.49	254.62	38.26	158.37	266.19
313	12.61	46.69	615	21.62	22.85	18.93	4.83	5.38	1.39	.97	.13
				148.44	348.77	56.18	194.84	248.13	36.81	126.43	284.73

CHORDWISE 77 PERCENT RADIUS											
RUN NO		36									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
298	58.13	43.24	615	18.57	14.32	12.82	7.52	18.61	6.57	4.68	1.23
				141.98	325.32	31.11	165.93	289.43	169.73	181.44	23.46
291	52.87	43.77	615	9.79	13.71	13.87	7.51	11.92	9.58	6.24	1.78
				148.38	328.91	13.88	159.26	278.48	178.81	176.66	18.19
292	54.89	58.84	615	9.81	12.98	14.29	8.17	12.88	12.57	8.32	2.17
				134.74	313.11	14.64	144.49	261.41	162.98	163.63	351.82
293	55.11	59.81	615	8.34	12.86	15.29	8.88	13.37	14.48	8.95	1.82
				138.12	318.27	13.87	141.87	263.14	166.49	163.67	1.29
294	55.91	66.58	615	8.88	12.97	16.77	8.77	13.33	28.24	11.84	1.87
				124.55	384.72	5.43	136.83	254.57	167.49	168.34	354.81
295	56.64	69.38	615	7.45	12.37	17.17	8.14	13.46	22.25	18.88	1.69
				113.93	381.63	5.67	131.78	255.55	172.78	161.22	352.84
296	57.64	75.85	615	7.47	12.62	18.11	7.22	14.36	23.62	12.43	1.69
				187.36	382.85	7.44	136.88	275.68	191.97	177.58	22.11
297	58.34	43.61	615	11.29	13.69	9.84	5.91	18.54	18.97	5.67	1.88
				136.83	329.81	34.12	171.38	282.82	281.88	221.88	64.42
298	51.89	43.32	615	18.76	13.13	18.94	6.83	11.73	12.49	5.14	1.17
				134.49	322.14	25.48	165.84	266.83	196.28	287.87	44.54
299	53.65	45.93	615	18.26	12.85	12.81	6.64	12.75	11.89	5.99	1.81
				133.59	322.74	27.66	172.22	278.87	284.34	213.17	58.99
300	56.18	55.75	616	9.88	12.59	15.55	7.35	13.55	15.38	6.68	1.94
				116.42	299.38	3.76	126.85	238.93	167.85	157.18	346.61
301	57.38	63.46	614	8.86	13.17	16.42	8.81	13.88	16.83	7.57	2.89
				115.51	383.38	13.15	141.18	259.16	185.88	178.88	16.71
302	58.49	64.81	615	8.36	13.41	17.72	8.89	12.65	28.87	8.24	2.11
				186.85	293.62	2.43	122.72	248.89	163.58	153.83	348.78
306	57.48	48.34	615	9.11	11.58	14.81	6.28	12.92	16.26	4.72	1.27
				117.88	299.55	19.59	141.97	244.99	212.86	195.26	47.87
307	58.99	53.28	615	8.61	12.18	14.83	6.88	12.64	15.61	5.59	1.68
				112.37	297.22	19.55	139.28	258.12	218.29	183.35	42.67
308	68.13	57.32	615	8.59	12.75	16.41	7.82	11.68	17.86	7.45	1.75
				182.45	289.38	9.41	121.88	237.11	189.81	166.36	11.84
309	61.68	63.86	615	8.38	13.41	17.68	8.61	11.15	18.39	7.98	1.83
				88.87	288.69	14.22	188.35	228.59	177.41	154.22	358.37
310	57.56	48.54	615	9.99	18.88	18.82	8.83	12.73	16.26	3.46	1.26
				132.13	387.18	48.78	179.83	258.76	243.85	256.61	86.28
311	59.89	44.16	615	9.32	11.82	12.68	5.54	18.91	18.44	2.93	1.34
				117.82	288.85	22.84	143.15	226.68	289.85	214.14	31.96
312	59.98	58.24	615	8.88	11.46	13.73	6.81	11.92	28.43	3.52	1.44
				113.76	298.81	27.43	144.58	234.85	238.87	289.74	58.88
313	61.47	51.38	615	8.32	12.85	14.29	6.21	13.11	18.92	3.88	1.48
				185.24	282.46	28.28	134.77	226.47	221.68	174.34	31.18

TABLE VI.- Continued

(f) Concluded

TORSION 75 PERCENT RADIUS											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
298	-2.76	3.46	615	2.15	.47	.59	.45	.28	.34	.38	.14 AMP
				136.22	215.79	179.43	69.45	19.92	283.64	34.88	98.28 PHASE
291	-3.86	4.81	615	2.41	.37	.54	.49	.39	.36	.46	.89 AMP
				124.49	241.44	186.98	67.94	11.94	196.18	38.77	133.82 PHASE
292	-3.37	4.24	615	2.66	.43	.58	.47	.54	.35	.49	.89 AMP
				114.75	258.42	198.31	68.84	2.85	191.34	15.18	194.84 PHASE
293	-3.53	4.65	615	2.82	.47	.63	.46	.64	.48	.51	.13 AMP
				111.73	266.78	194.98	67.84	2.58	184.88	18.37	288.87 PHASE
294	-3.63	5.24	615	2.92	.67	.81	.54	.32	.38	.56	.22 AMP
				185.85	265.28	186.39	48.34	11.84	182.59	17.84	235.38 PHASE
295	-3.81	5.34	615	3.18	.64	.98	.47	1.13	.48	.51	.39 AMP
				183.35	273.44	194.55	48.78	15.18	149.42	22.56	252.52 PHASE
296	-4.15	5.92	615	3.18	.74	.63	.95	1.55	.68	.38	.34 AMP
				188.67	388.51	181.55	59.26	46.35	146.17	48.61	277.32 PHASE
297	-3.84	3.99	615	2.36	.24	.42	.39	.32	.32	.44	.11 AMP
				137.55	279.48	196.27	33.37	348.36	193.89	37.61	311.48 PHASE
298	-3.24	4.35	615	2.54	.51	.56	.44	.44	.28	.41	.11 AMP
				124.63	295.28	284.32	38.98	2.88	174.71	28.78	282.58 PHASE
299	-3.55	4.78	615	2.74	.59	.57	.47	.51	.34	.45	.89 AMP
				118.46	388.53	213.32	52.16	38.62	184.86	35.55	297.82 PHASE
388	-3.92	5.38	616	3.85	.82	.77	.58	.63	.45	.44	.14 AMP
				185.22	286.15	194.97	36.83	9.85	141.88	352.21	255.88 PHASE
381	-4.87	5.77	614	3.18	.88	.83	.58	.84	.47	.45	.19 AMP
				186.24	292.21	286.36	49.25	33.48	162.11	24.47	278.62 PHASE
382	-4.28	5.84	615	3.39	.93	.94	.66	1.85	.58	.39	.23 AMP
				188.47	285.93	197.86	34.96	28.97	135.95	5.89	258.89 PHASE
386	-4.12	5.49	615	3.15	1.28	1.06	.51	.64	.42	.38	.32 AMP
				187.94	386.49	218.28	51.23	35.91	137.66	357.66	296.72 PHASE
387	-4.31	5.61	615	3.33	1.23	1.86	.51	.77	.44	.38	.33 AMP
				186.24	389.88	222.25	55.15	42.23	141.91	5.37	297.95 PHASE
388	-4.46	6.81	615	3.54	1.32	1.12	.57	.99	.53	.26	.34 AMP
				188.16	381.68	213.28	39.61	38.75	127.82	353.27	273.38 PHASE
389	-4.63	6.42	615	3.79	1.48	1.28	.68	1.12	.64	.21	.22 AMP
				95.86	297.81	287.29	38.13	32.65	112.57	326.81	267.85 PHASE
318	-4.82	5.18	615	3.82	1.27	1.85	.42	.25	.86	.26	.33 AMP
				121.89	325.81	233.87	39.76	14.74	183.82	345.67	333.19 PHASE
311	-4.26	5.69	615	3.28	1.48	1.25	.42	.63	.33	.19	.48 AMP
				187.81	318.68	217.24	31.98	28.65	118.41	289.51	286.58 PHASE
312	-4.41	6.88	615	3.48	1.59	1.35	.51	.75	.48	.19	.49 AMP
				185.27	314.82	225.87	49.49	53.45	136.91	296.83	313.68 PHASE
313	-4.64	6.13	615	3.63	1.69	1.44	.54	.89	.55	.24	.44 AMP
				188.68	311.28	221.24	54.87	48.87	138.26	285.89	386.13 PHASE

PITCH LINK											
RUN NO 36											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
298	-2.76	14.55	615	4.83	5.73	3.86	2.87	1.57	.79	.23	.31 AMP
				298.88	96.41	253.51	161.37	299.79	158.88	77.86	218.43 PHASE
291	-2.31	15.55	615	4.89	6.49	2.44	1.86	1.82	.89	.38	.43 AMP
				283.87	181.41	252.37	171.69	293.87	146.83	65.85	231.53 PHASE
292	-1.57	16.81	615	5.79	6.98	1.98	1.87	2.88	.67	.47	.47 AMP
				277.17	98.11	245.24	171.18	284.32	136.44	32.88	277.82 PHASE
293	-1.87	18.28	615	6.53	7.27	1.74	1.83	2.12	.68	.47	.68 AMP
				278.53	99.85	241.47	168.25	288.59	139.34	29.26	215.28 PHASE
294	-.52	28.88	615	7.32	7.68	1.89	2.45	2.59	.34	.71	.88 AMP
				273.62	96.12	247.84	164.88	278.91	158.88	6.67	288.82 PHASE
295	.28	18.73	615	8.32	7.27	.41	2.84	3.23	.38	.64	.81 AMP
				267.68	95.38	252.29	163.58	267.44	383.49	15.89	228.57 PHASE
296	1.87	28.98	615	8.89	7.24	.91	3.79	4.58	1.28	.69	1.17 AMP
				265.18	183.28	188.84	182.49	277.91	384.18	334.59	264.94 PHASE
297	-1.71	14.42	615	4.39	5.21	2.16	2.83	1.28	.78	.54	.48 AMP
				313.91	186.97	228.33	154.79	296.18	156.48	3.81	242.43 PHASE
298	-1.38	15.46	615	4.77	6.16	1.53	2.25	1.62	.47	.57	.42 AMP
				297.88	189.58	227.11	164.28	291.86	132.18	349.78	197.98 PHASE
299	-.69	18.44	615	5.68	6.98	1.21	2.42	2.84	.35	.69	.52 AMP
				297.55	117.84	229.39	185.28	318.18	136.85	28.82	225.16 PHASE
388	.86	19.89	616	6.91	7.69	.98	2.73	2.48	.89	.65	.64 AMP
				286.67	182.77	166.82	168.22	277.44	33.89	345.97	178.86 PHASE
381	.43	21.18	614	7.38	7.91	.73	3.85	2.89	.24	.75	.88 AMP
				288.81	189.34	151.25	182.81	291.78	314.73	21.32	288.18 PHASE
382	.76	21.83	615	8.82	8.14	1.16	3.36	3.25	.68	.62	.82 AMP
				282.15	181.55	117.88	171.52	273.92	387.86	7.76	187.51 PHASE
385	.46	17.95	615	6.88	7.16	.87	3.81	2.84	.18	.95	.61 AMP
				298.63	117.54	113.13	192.57	388.34	12.88	23.79	255.94 PHASE
386	.62	17.95	615	6.39	7.47	1.89	3.83	2.21	.45	.93	.57 AMP
				293.97	113.92	99.88	188.86	298.23	353.67	8.15	238.66 PHASE
387	.81	19.16	615	6.78	7.69	1.29	3.15	2.48	.65	.92	.68 AMP
				292.83	115.63	98.78	191.48	291.81	342.19	18.42	236.64 PHASE
388	1.84	28.38	615	7.28	7.96	1.69	3.69	3.88	.99	.92	.75 AMP
				286.86	118.23	82.46	182.83	281.88	324.69	6.74	216.54 PHASE
389	1.39	22.87	615	8.84	8.18	2.45	4.18	3.27	1.34	.84	.59 AMP
				288.38	184.23	72.78	178.37	273.63	312.81	358.98	283.63 PHASE
318	.79	16.81	615	6.29	6.66	1.81	2.88	.89	.89	.42	.52 AMP
				318.13	117.48	187.88	281.97	381.72	256.84	48.69	262.93 PHASE
311	1.17	18.19	615	6.66	7.89	2.33	3.64	2.83	.77	.74	.66 AMP
				296.78	188.57	77.16	188.88	275.84	318.79	9.48	226.16 PHASE
312	1.48	19.65	615	7.84	7.32	2.79	3.95	2.15	1.11	.76	.68 AMP
				295.21	114.88	83.39	197.18	293.41	339.85	25.97	256.95 PHASE
313	1.65	21.35	615	7.52	7.51	3.18	3.98	2.48	1.33	.71	.61 AMP
				298.57	112.18	78.89	192.13	288.29	337.62	18.23	243.18 PHASE

TABLE VI.- Continued

(g) $\mu = 0.40$; $M_T = 0.68$

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CQ/SIGMA
319	1.4	4.4	2.2	.03672	.00249	.00187
320	.9	5.6	4.2	.05008	.00222	.00227
321	.7	6.6	6.1	.06351	.00195	.00290
322	.4	7.8	8.1	.07544	.00141	.00384
323	1.3	4.3	4.2	.02675	.00003	.00267
324	.9	5.4	6.1	.04004	-.00129	.00347
325	.6	6.6	8.2	.05419	-.00284	.00444
326	.2	7.2	9.1	.05942	-.00354	.00502
327	1.1	4.5	6.1	.01782	-.00017	.00282
328	.6	5.6	8.1	.03129	-.00263	.00403
329	.2	6.8	10.2	.04422	-.00509	.00552
330	-.1	7.3	11.2	.05041	-.00627	.00626
331	-.4	7.9	12.1	.05692	-.00779	.00700

TABLE VI.- Continued

(g) Continued

FLAPWISE 25 PERCENT RADIUS												
RUN NO 37												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
319	43.91	48.14	642	15.74	15.86	5.39	6.72	3.18	1.23	2.46	2.26	AMP
				145.37	328.45	57.92	36.12	113.66	65.43	246.99	53.63	PHASE
328	45.91	39.49	642	17.37	17.76	5.48	6.73	2.68	1.51	1.98	2.37	AMP
				141.62	325.71	55.25	35.28	96.39	68.55	259.25	48.46	PHASE
321	47.78	48.61	642	17.78	18.68	5.47	6.53	3.85	2.11	1.62	2.29	AMP
				141.58	329.24	64.85	42.88	118.72	78.36	385.92	55.57	PHASE
322	49.38	39.54	642	17.91	19.28	5.12	5.45	4.51	2.41	1.71	1.97	AMP
				137.54	329.88	68.36	36.68	181.89	81.88	321.24	59.76	PHASE
323	44.73	32.99	642	14.35	15.79	4.38	5.54	2.56	1.25	2.41	1.36	AMP
				146.24	331.53	54.44	36.19	54.93	351.96	268.22	48.16	PHASE
324	46.65	33.42	642	14.95	16.59	4.83	5.86	3.82	1.28	2.48	1.33	AMP
				144.88	333.88	54.55	41.11	54.94	1.75	267.24	48.35	PHASE
325	48.88	34.84	642	15.34	17.45	4.28	6.85	2.75	1.47	2.71	1.41	AMP
				144.85	338.28	56.61	58.81	78.12	35.25	313.26	72.53	PHASE
326	49.69	35.87	642	15.63	17.66	3.84	6.85	2.57	1.72	3.81	1.24	AMP
				137.59	327.25	36.59	38.65	54.47	14.87	282.79	35.16	PHASE
327	45.58	24.73	642	12.36	13.69	3.24	4.43	3.86	1.19	.97	.77	AMP
				151.65	338.84	54.35	58.62	38.52	351.99	281.24	81.62	PHASE
328	47.67	25.41	642	12.88	14.61	3.38	4.86	3.56	.92	1.84	.92	AMP
				148.59	338.96	55.72	58.89	38.88	4.76	381.57	66.55	PHASE
329	49.82	27.61	642	13.23	15.47	3.82	5.41	3.16	.84	1.22	.78	AMP
				144.51	337.52	53.46	43.38	29.47	2.83	312.68	72.97	PHASE
338	58.92	28.82	642	13.55	15.96	2.87	5.63	2.99	.97	1.19	.98	AMP
				141.33	334.94	47.96	38.83	22.69	358.36	314.21	67.59	PHASE
331	52.83	28.55	642	13.59	16.28	2.86	5.74	2.78	.97	1.17	.81	AMP
				137.17	338.57	42.56	38.88	25.19	358.58	312.16	58.47	PHASE

CHORDWISE 25 PERCENT RADIUS												
RUN NO 37												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
319	57.75	78.88	642	25.51	24.24	18.83	18.83	9.22	18.24	3.15	.62	AMP
				288.67	155.55	283.78	83.84	248.74	125.36	85.56	271.18	PHASE
328	55.91	91.29	642	31.68	33.55	16.38	15.28	18.31	23.13	3.39	.98	AMP
				388.95	158.88	287.18	79.73	222.51	117.95	99.38	227.18	PHASE
321	53.96	184.76	642	39.88	48.88	21.28	12.74	12.83	31.59	6.82	1.87	AMP
				328.47	171.81	297.15	81.95	226.83	136.14	128.75	228.78	PHASE
322	53.59	117.32	642	51.62	47.57	26.62	11.89	13.44	35.48	9.48	2.37	AMP
				335.24	177.28	294.73	68.11	215.89	141.45	117.85	176.63	PHASE
323	58.79	67.88	642	17.49	24.43	18.27	15.88	11.25	16.69	1.93	.58	AMP
				287.43	162.84	277.28	76.79	248.56	122.83	353.48	254.25	PHASE
324	59.88	82.82	642	25.14	33.37	14.76	13.52	14.15	18.93	1.47	1.27	AMP
				385.23	169.95	298.77	75.54	226.58	121.35	354.85	241.38	PHASE
325	68.55	96.48	642	35.87	41.75	28.82	11.68	14.77	25.84	1.61	1.72	AMP
				329.11	184.85	299.48	82.66	239.37	144.85	93.85	281.56	PHASE
326	68.92	189.47	642	41.86	46.82	22.88	11.54	15.95	27.38	2.28	1.92	AMP
				326.88	177.94	279.44	58.88	218.31	117.69	78.43	233.37	PHASE
327	58.14	62.72	642	11.82	25.35	9.96	13.49	11.52	13.12	2.53	.23	AMP
				272.45	183.12	269.68	93.88	255.63	158.92	327.86	246.17	PHASE
328	61.43	71.53	642	16.77	34.26	13.95	11.49	18.86	15.16	2.25	.95	AMP
				383.86	185.89	284.12	78.73	226.69	148.55	319.65	236.42	PHASE
329	64.39	181.17	642	28.88	43.88	19.34	13.15	21.36	21.33	.72	1.54	AMP
				328.74	193.88	288.81	64.88	222.13	144.84	17.88	244.25	PHASE
338	65.85	116.68	642	34.91	49.11	22.78	13.58	21.77	23.27	.72	2.81	AMP
				334.85	193.66	275.64	58.63	217.78	139.32	99.28	236.71	PHASE
331	66.73	124.63	642	42.64	54.85	26.96	13.36	28.61	24.81	1.68	2.38	AMP
				348.11	193.28	271.89	56.18	288.96	131.89	126.77	228.16	PHASE

TABLE VI.- Continued

(g) Continued

TORSION 28 PERCENT RADIUS												
RUN NO 37												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
319	4.91	18.41	642	3.12	3.88	2.57	1.28	1.82	1.89	.85	.34	AMP
				182.12	269.73	57.16	293.65	87.25	292.23	199.77	348.88	PHASE
320	3.63	11.83	642	4.37	4.35	2.16	1.81	1.95	1.13	.87	.34	AMP
				99.51	273.13	48.11	291.52	79.81	278.51	338.29	347.44	PHASE
321	2.89	13.82	642	5.75	4.63	1.55	1.12	2.48	1.13	.23	.44	AMP
				96.23	278.22	58.96	288.42	75.54	272.87	87.81	28.35	PHASE
322	-1.14	15.68	642	7.72	4.51	1.36	1.39	3.63	.47	.83	.49	AMP
				82.71	281.63	9.86	382.88	63.32	256.74	92.36	54.39	PHASE
323	4.18	9.88	642	3.26	3.24	2.12	1.14	1.51	.71	.16	.34	AMP
				126.29	293.81	18.18	274.84	189.74	286.68	99.73	338.98	PHASE
324	3.24	18.42	642	4.83	3.83	2.81	.79	1.69	.68	.11	.39	AMP
				121.74	299.92	5.72	275.18	118.17	264.44	53.94	347.67	PHASE
325	1.94	18.67	642	5.14	4.38	1.98	.68	1.85	.48	.33	.57	AMP
				117.24	388.31	358.88	263.64	187.95	256.44	75.68	22.14	PHASE
326	1.31	11.73	642	5.69	4.62	2.14	.58	2.85	.43	.48	.61	AMP
				189.88	296.26	333.24	242.26	79.98	198.25	35.29	344.83	PHASE
327	3.92	8.66	642	3.28	3.54	1.76	.67	1.44	.78	.84	.16	AMP
				139.11	386.56	358.53	288.78	134.82	324.28	139.56	32.27	PHASE
328	2.93	9.13	642	3.82	4.22	1.88	.11	1.44	.38	.18	.24	AMP
				138.88	389.77	332.44	381.36	126.37	278.67	83.86	21.73	PHASE
329	1.98	18.42	642	4.42	4.78	2.12	.19	1.85	.35	.31	.45	AMP
				122.88	312.46	318.66	67.61	114.48	253.94	97.24	7.92	PHASE
330	1.39	11.48	642	4.91	4.98	2.39	.23	2.88	.27	.36	.52	AMP
				119.12	318.92	388.77	61.58	189.19	228.85	98.85	2.44	PHASE
331	.79	11.82	642	5.42	5.27	2.58	.35	2.86	.18	.39	.68	AMP
				112.82	387.52	286.84	42.62	99.88	173.59	84.17	356.89	PHASE

TABLE VI.- Continued

(g) Continued

FLAPWISE 37 PERCENT RADIUS												
RUN NO 37												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
319	27.12	42.38	642	22.99	28.79	6.63	4.62	.53	.49	.78	1.86	AMP
				142.58	332.34	48.65	27.57	131.46	66.51	284.88	226.25	PHASE
320	28.77	43.55	642	24.27	22.14	7.11	4.29	.26	.53	.55	1.13	AMP
				139.15	329.23	48.82	28.32	83.55	78.52	265.76	214.69	PHASE
321	38.38	45.29	642	25.24	23.42	7.56	3.95	1.89	.87	.55	1.11	AMP
				139.71	332.36	57.89	36.67	118.49	186.87	272.19	232.98	PHASE
322	31.96	46.19	642	25.98	24.62	7.74	2.77	1.56	1.13	.67	1.18	AMP
				136.94	331.66	58.97	33.76	188.41	122.82	268.36	238.84	PHASE
323	28.88	36.58	642	19.54	19.98	5.83	4.84	1.65	.15	.53	.74	AMP
				148.53	336.78	57.84	31.16	28.67	314.45	268.81	228.21	PHASE
324	38.53	38.41	642	28.72	21.89	5.95	4.87	2.85	.28	.64	.63	AMP
				139.48	337.71	59.65	36.61	19.47	345.86	273.82	228.88	PHASE
325	32.53	48.24	642	21.87	22.17	6.62	4.82	1.69	.29	.55	.59	AMP
				148.31	342.68	66.83	49.38	42.65	75.52	314.85	247.28	PHASE
326	33.31	48.94	642	22.36	22.59	6.59	4.83	1.59	.28	.67	.57	AMP
				134.84	331.68	49.29	29.37	14.68	54.71	279.54	283.54	PHASE
327	38.71	31.54	642	16.38	17.44	5.87	3.88	2.47	.44	.68	.39	AMP
				143.46	346.24	65.48	54.81	16.55	251.14	382.81	249.51	PHASE
328	32.69	33.84	642	17.33	18.82	5.88	3.28	2.82	.37	.66	.48	AMP
				141.73	345.48	67.91	48.78	15.59	233.96	293.41	245.36	PHASE
329	34.58	35.51	642	18.42	28.18	6.28	3.49	2.53	.42	.59	.37	AMP
				138.91	343.68	66.38	41.82	8.26	188.74	291.56	242.85	PHASE
330	35.43	36.18	642	19.81	28.81	6.42	3.62	2.52	.45	.62	.39	AMP
				136.89	348.88	61.98	38.84	359.81	182.31	282.32	234.14	PHASE
331	36.46	36.54	642	19.36	21.24	6.92	3.66	2.25	.52	.59	.37	AMP
				134.28	336.67	57.27	38.56	356.28	165.46	273.32	227.74	PHASE

CHORDWISE 37 PERCENT RADIUS												
RUN NO 37												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
319	38.45	87.86	642	25.12	19.95	9.85	23.88	16.49	27.82	4.48	2.22	AMP
				297.74	156.58	313.88	83.23	252.25	128.95	188.84	288.86	PHASE
320	36.33	184.12	642	38.48	27.43	14.65	22.14	17.18	35.23	5.18	3.12	AMP
				387.76	162.26	315.77	88.98	234.46	115.83	115.84	282.66	PHASE
321	33.61	116.25	642	37.81	33.81	19.97	19.52	19.88	49.64	8.77	3.56	AMP
				323.85	175.29	326.42	85.47	234.81	133.75	125.48	216.66	PHASE
322	31.95	133.65	642	47.23	42.52	25.44	17.64	28.71	56.16	13.35	4.43	AMP
				336.59	181.95	323.57	77.38	223.18	148.56	119.72	288.85	PHASE
323	39.22	77.21	642	17.34	18.78	6.27	19.65	18.84	24.94	2.54	.14	AMP
				296.47	162.46	383.75	76.16	255.95	128.94	328.82	272.88	PHASE
324	39.76	95.37	642	23.65	25.86	11.36	19.19	28.88	28.68	1.91	1.35	AMP
				389.58	171.85	316.34	77.94	239.48	118.58	388.89	226.18	PHASE
325	39.25	111.98	642	31.68	33.58	16.67	17.28	28.78	48.81	1.51	1.78	AMP
				329.69	188.54	329.73	87.49	251.31	141.76	48.41	264.58	PHASE
326	39.85	128.74	642	36.19	37.47	18.88	17.35	22.81	43.31	2.23	2.27	AMP
				327.25	181.86	389.72	64.48	221.22	114.92	47.49	219.35	PHASE
327	38.32	66.83	642	18.31	18.83	3.83	17.84	17.88	28.38	5.38	.43	AMP
				298.39	186.73	298.48	93.55	268.37	152.38	315.86	92.89	PHASE
328	48.63	74.73	642	15.45	25.92	7.92	16.33	23.75	23.87	5.79	.82	AMP
				311.22	189.71	389.76	81.48	237.39	149.45	381.37	281.97	PHASE
329	42.78	182.83	642	24.93	34.87	12.39	18.38	27.19	33.88	2.61	1.34	AMP
				328.59	196.52	386.94	69.33	229.88	141.86	328.45	254.99	PHASE
330	43.38	113.79	642	29.58	38.98	14.96	18.91	27.96	37.73	1.38	1.58	AMP
				333.98	197.49	382.71	65.13	225.63	137.36	388.12	246.78	PHASE
331	43.43	122.83	642	35.85	43.68	18.53	18.67	26.42	41.85	1.88	1.95	AMP
				338.49	196.73	298.86	62.83	216.18	138.15	156.22	227.81	PHASE

TABLE VI.- Continued

(g) Continued

TORSION 36 PERCENT RADIUS												
RUN NO 37												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
319	3.42	7.42	642	2.71	2.5#	1.97	1.2#	1.29	.83	.15	.2#	AMP
				54.81	242.48	49.85	25# .82	44.92	246.17	321.83	265.16	PHASE
32#	2.24	7.03	642	3.55	2.55	1.46	1.8#	1.39	.89	.17	.22	AMP
				6# .34	25# .91	47.37	25# .92	41.86	229.49	3#7.91	282.47	PHASE
321	.91	8.84	642	4.59	2.5#	.81	1.16	1.73	.94	.23	.3#	AMP
				63.1#	26# .14	74.88	252.34	35.4#	237.28	18.61	315.93	PHASE
322	-1.83	9.98	642	5.46	2.81	.23	1.39	2.59	.34	.61	.35	AMP
				54.8#	272.7#	217.65	281.48	22.12	259.86	48.2#	339.44	PHASE
323	2.65	5.98	642	2.18	1.8#	1.32	1.29	1.8#	.48	.18	.21	AMP
				76.89	275.75	5.45	235.43	75.72	232.58	352.88	281.84	PHASE
324	1.72	6.96	642	2.85	2.21	1.14	1.87	1.17	.44	.19	.27	AMP
				78.88	285.42	349.89	237.22	76.89	2#7.95	334.8#	293.1#	PHASE
325	.54	7.96	642	3.81	2.67	.88	.92	1.34	.44	.37	.36	AMP
				81.41	298.68	326.59	243.88	72.34	2#9.91	26.29	313.99	PHASE
326	-.85	8.47	642	4.32	2.72	1.8#	.83	1.54	.4#	.45	.39	AMP
				75.51	287.62	294.4#	228.25	43.49	164.31	349.81	274.21	PHASE
327	2.37	5.44	642	1.92	2.16	.95	.91	1.87	.49	.11	.1#	AMP
				86.21	295.31	334.56	252.14	1#4.85	279.51	324.49	323.83	PHASE
328	1.39	6.87	642	2.62	2.73	1.1#	.48	1.86	.23	.15	.15	AMP
				84.78	298.23	296.29	243.7#	94.88	22# .77	323.62	319.99	PHASE
329	.36	7.29	642	3.32	3.11	1.39	.23	1.36	.23	.19	.27	AMP
				81.37	3#1.3#	272.3#	242.89	79.48	198.52	11.88	3#3.41	PHASE
33#	-.17	8.43	642	3.79	3.31	1.63	.21	1.52	.2#	.24	.29	AMP
				88.3#	3#8.5#	263.12	247.95	73.77	177.57	12.32	293.44	PHASE
331	-.73	8.91	642	4.34	3.53	1.86	.2#	1.56	.15	.27	.3#	AMP
				76.88	297.28	247.82	274.37	62.85	135.81	8.48	289.38	PHASE

TABLE VI.- Continued

(g) Continued

FLAPWISE 51 PERCENT RADIUS												
RUN NO 37												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
319	13.92	53.49	642	27.82	25.25	9.36	1.85	2.38	1.47	2.13	2.48	AMP
				137.73	332.82	36.29	24.38	292.26	227.88	76.57	222.88	PHASE
320	15.59	55.86	642	29.65	27.81	18.84	.91	2.22	1.39	1.88	2.34	AMP
				134.64	338.18	36.31	13.98	281.59	223.65	87.18	211.31	PHASE
321	17.88	56.61	642	31.19	28.88	18.92	.96	2.44	1.39	1.59	2.19	AMP
				135.69	333.65	46.05	11.81	283.57	241.69	126.32	226.16	PHASE
322	18.53	58.89	642	31.93	38.62	11.47	.63	2.69	1.32	1.61	1.87	AMP
				133.82	332.68	47.65	314.15	271.45	249.21	142.81	231.79	PHASE
323	16.12	47.66	642	24.28	24.87	8.82	1.12	1.66	1.88	2.86	1.24	AMP
				134.38	337.86	46.88	28.86	384.11	193.14	77.54	226.15	PHASE
324	17.71	58.61	642	26.88	26.59	8.38	1.13	1.63	.92	2.14	1.16	AMP
				133.49	338.53	58.39	31.71	386.79	283.88	85.29	218.87	PHASE
325	19.65	52.95	642	27.82	28.88	9.51	1.85	1.39	.86	2.47	1.31	AMP
				135.24	343.42	68.46	29.98	313.31	225.42	134.68	249.84	PHASE
326	28.48	52.38	642	28.56	28.65	9.82	1.85	1.36	1.88	2.75	1.14	AMP
				129.27	332.44	45.11	6.78	287.33	285.85	185.89	289.47	PHASE
327	18.78	38.47	642	28.22	21.94	7.16	.54	1.38	.99	.67	.61	AMP
				136.65	345.38	57.87	37.53	329.84	213.29	185.11	255.77	PHASE
328	28.62	48.95	642	21.78	23.66	8.38	.57	1.41	.95	.85	.77	AMP
				134.83	344.33	68.96	9.75	326.58	223.85	129.82	241.22	PHASE
329	22.64	43.88	642	23.57	25.23	9.31	.58	1.36	.86	1.17	.73	AMP
				132.48	342.65	62.38	358.25	318.48	219.15	141.56	248.26	PHASE
330	23.48	45.87	642	24.51	26.18	9.86	.53	1.35	.91	1.19	.85	AMP
				138.87	339.98	59.44	348.76	313.82	211.88	141.97	238.94	PHASE
331	24.57	46.29	642	25.13	26.72	18.86	.62	1.35	.93	1.26	.76	AMP
				128.54	336.88	55.41	335.99	381.91	282.89	136.83	225.85	PHASE

CHORDWISE 51 PERCENT RADIUS												
RUN NO 37												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
319	48.45	88.84	642	23.63	15.19	7.71	26.37	28.12	32.87	7.18	3.15	AMP
				385.43	167.84	343.69	84.12	254.48	123.55	118.96	228.69	PHASE
320	46.49	99.52	642	28.85	21.44	13.65	25.25	21.13	48.72	8.88	3.79	AMP
				313.15	171.13	336.44	81.72	236.51	117.59	131.68	217.53	PHASE
321	43.66	122.19	642	35.31	26.82	28.88	22.78	23.68	58.29	12.89	3.27	AMP
				326.72	182.87	341.36	88.48	236.14	136.62	141.76	232.14	PHASE
322	41.51	141.78	642	43.84	35.74	26.56	28.87	27.17	65.95	17.31	3.78	AMP
				338.35	186.84	334.97	88.69	224.86	143.89	134.87	288.41	PHASE
323	49.37	78.97	642	16.38	14.57	4.99	21.91	21.75	29.34	1.75	.58	AMP
				386.57	172.89	348.61	77.47	268.11	125.32	297.88	348.96	PHASE
324	49.52	95.35	642	21.84	28.24	18.45	21.99	23.49	33.86	1.31	1.16	AMP
				315.62	188.96	348.68	88.89	244.12	122.69	241.89	269.92	PHASE
325	48.44	118.18	642	28.76	26.84	16.97	28.14	24.58	48.24	1.34	1.52	AMP
				332.88	196.49	348.38	98.46	254.28	144.78	149.13	326.82	PHASE
326	48.16	126.11	642	32.43	38.24	19.18	28.42	25.58	51.21	3.29	1.62	AMP
				328.99	189.32	328.81	67.92	223.58	118.89	184.59	272.13	PHASE
327	49.29	78.43	642	9.57	15.71	2.45	28.42	28.73	24.92	7.87	1.18	AMP
				388.73	199.23	13.84	95.86	273.64	158.77	312.43	69.63	PHASE
328	51.13	83.34	642	14.57	21.78	7.86	19.18	27.26	27.79	7.59	.59	AMP
				328.83	288.17	348.27	85.83	242.79	156.19	296.21	126.39	PHASE
329	52.31	112.37	642	22.34	28.52	11.68	28.98	38.93	48.81	2.58	.95	AMP
				332.19	284.78	334.68	74.32	233.18	146.58	299.54	328.88	PHASE
330	52.51	122.72	642	26.21	32.62	14.28	21.64	31.82	45.56	1.38	1.28	AMP
				336.35	284.94	328.36	78.37	228.25	141.77	242.88	319.52	PHASE
331	52.28	138.61	642	38.86	36.62	18.88	21.48	38.33	49.79	3.26	1.18	AMP
				339.88	283.51	322.28	67.62	218.28	134.31	164.36	283.27	PHASE

TABLE VI.- Continued

(g) Continued

TORSION 5 PERCENT RADIUS												
RUN NO		37										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
319	.11	5.87	642	2.46	1.77	1.58	.94	.57	.35	.48	.21	AMP
				66.81	263.48	68.78	288.22	78.47	268.88	343.28	239.11	PHASE
328	-.75	6.22	642	3.88	1.83	1.31	.98	.69	.47	.51	.12	AMP
				68.92	273.86	68.74	277.44	78.53	258.39	331.89	237.81	PHASE
321	-1.69	7.84	642	3.72	1.78	.98	.95	.97	.56	4.48	.18	AMP
				71.28	287.36	96.88	283.79	56.78	261.33	4.91	278.22	PHASE
322	-3.81	8.24	642	4.68	1.63	.57	1.18	1.69	.14	58.78	.18	AMP
				68.73	315.35	144.89	313.19	42.86	21.68	281.97	281.97	PHASE
323	-.38	4.87	642	2.28	1.48	1.88	.92	.51	.28	58.78	.89	AMP
				78.35	297.82	38.69	268.18	123.88	226.69	356.82	256.71	PHASE
324	-1.88	5.66	642	2.73	1.71	.97	.85	.62	.28	38	.89	AMP
				79.28	384.84	31.65	278.82	128.88	193.66	343.45	321.85	PHASE
325	-1.94	6.54	642	3.39	2.83	.59	.78	.68	.33	4.46	.17	AMP
				83.85	318.82	31.23	279.57	183.87	218.61	35.79	314.54	PHASE
326	-2.33	6.87	642	3.68	2.13	.45	.65	.81	.31	4.49	.23	AMP
				78.36	388.83	358.33	278.59	73.34	167.86	4.99	284.67	PHASE
327	-.68	4.68	642	2.88	1.71	.68	.67	.67	.28	3.34	.85	AMP
				81.88	317.18	23.87	286.24	148.38	328.77	356.52	292.65	PHASE
328	-1.29	5.48	642	2.64	2.14	.47	.43	.61	.13	3.8	.89	AMP
				81.73	316.45	342.82	283.58	138.13	169.25	342.48	332.28	PHASE
329	-2.86	6.29	642	3.22	2.48	.58	.29	.77	.18	.33	.28	AMP
				79.68	317.17	383.66	291.94	114.91	154.31	353.45	318.72	PHASE
338	-2.46	7.81	642	3.55	2.66	.61	.88	.91	.19	.34	.24	AMP
				79.83	316.44	287.54	296.21	186.78	136.52	358.81	298.63	PHASE
331	-2.85	7.44	642	3.91	2.87	.77	.32	.96	.19	.33	.25	AMP
				77.27	314.85	261.52	388.29	92.27	184.17	1.91	276.14	PHASE

TABLE VI.- Continued

(g) Continued

FLAPWISE 77 PERCENT RADIUS											
RUN NO 37											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
319	-4.15	45.99	642	26.81	22.89	18.66	5.28	1.33	2.31	3.82	2.79 AMP
320	-2.11	48.58	642	139.68	338.38	13.95	218.48	297.81	13.12	282.28	18.98 PHASE
321	-.88	58.18	642	28.26	25.83	11.81	4.87	1.95	1.88	2.97	2.78 AMP
322	1.97	53.47	642	138.93	329.88	9.76	217.82	274.46	351.73	282.88	18.17 PHASE
323	-1.57	43.27	642	29.79	27.87	11.92	4.11	2.93	2.18	2.91	2.69 AMP
324	.11	45.64	642	141.99	334.78	17.36	227.52	292.68	338.78	385.56	24.11 PHASE
325	2.45	47.38	642	38.44	29.85	12.26	3.69	4.22	2.28	2.74	2.89 AMP
326	3.48	48.58	642	142.83	335.82	16.84	234.85	282.29	316.57	388.34	38.53 PHASE
327	1.28	38.42	642	24.12	22.32	7.88	5.25	3.81	1.22	2.78	1.18 AMP
328	3.47	41.39	642	136.62	332.41	16.89	288.81	218.65	357.38	259.58	34.67 PHASE
329	5.72	44.15	642	25.88	24.22	6.95	5.27	3.41	.98	2.76	1.28 AMP
330	6.86	44.96	642	138.33	336.87	16.78	212.86	215.24	341.85	266.86	17.86 PHASE
331	8.12	46.15	642	27.31	25.83	7.86	4.88	3.32	1.18	3.85	1.44 AMP
				142.25	342.72	26.31	231.84	249.15	338.52	389.35	48.58 PHASE
				28.23	26.37	8.34	4.91	3.12	1.23	3.43	1.26 AMP
				137.17	333.28	18.17	211.96	226.94	312.94	278.96	2.68 PHASE
				21.59	19.61	5.19	4.85	4.33	.81	.84	.69 AMP
				139.22	341.79	34.81	223.38	284.48	25.33	272.22	76.87 PHASE
				22.96	21.88	6.86	4.12	4.93	.68	.76	.95 AMP
				139.43	342.87	39.12	215.63	285.14	25.44	289.68	57.58 PHASE
				24.68	22.83	6.88	4.21	4.38	.72	1.86	.98 AMP
				138.87	343.66	38.15	288.84	285.34	355.39	381.13	55.28 PHASE
				25.39	23.74	7.29	4.85	4.11	.78	.99	1.82 AMP
				137.96	341.55	36.63	285.72	198.99	357.38	386.29	52.38 PHASE
				25.92	24.39	8.81	3.64	3.93	.81	1.12	.94 AMP
				136.76	338.18	33.68	281.33	281.78	346.24	385.31	35.68 PHASE

CHORDWISE 77 PERCENT RADIUS											
RUN NO 37											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
319	64.35	52.69	642	8.19	13.55	9.85	8.24	9.68	11.93	1.36	.96 AMP
320	66.39	45.28	642	131.97	312.23	16.62	99.85	255.62	118.34	147.89	2.41 PHASE
321	68.21	52.76	642	7.34	13.79	18.81	8.42	18.29	14.88	2.38	1.15 AMP
322	69.87	64.19	642	124.62	386.22	6.97	95.22	237.98	187.84	159.88	336.95 PHASE
323	65.57	42.99	642	6.92	14.28	13.38	7.67	12.25	21.38	3.26	1.58 AMP
324	66.68	41.16	642	116.58	387.42	8.73	183.62	242.46	129.32	155.53	357.31 PHASE
325	68.88	47.46	642	6.47	14.87	15.23	6.49	14.45	24.76	4.58	1.81 AMP
326	78.28	51.84	642	91.89	381.62	2.42	94.13	232.91	139.58	141.89	4.88 PHASE
327	68.33	38.26	642	8.46	13.16	6.62	6.52	18.72	11.83	2.39	1.43 AMP
328	69.28	48.91	642	124.89	315.88	23.22	98.53	247.57	116.78	256.95	26.36 PHASE
329	78.75	47.87	642	7.87	13.43	8.88	6.85	11.93	12.43	2.27	1.22 AMP
330	72.81	49.24	642	122.82	314.88	13.43	181.73	235.13	115.13	246.84	.87 PHASE
331	73.18	55.88	642	7.13	13.94	18.78	6.18	12.86	18.71	1.62	1.92 AMP
				112.85	314.34	17.29	111.83	247.98	137.78	287.28	24.94 PHASE
				6.92	14.11	11.68	6.15	13.37	19.98	1.85	1.71 AMP
				182.81	381.31	357.57	87.38	218.41	111.11	252.88	335.41 PHASE
				8.62	11.98	5.12	6.26	9.98	9.53	3.43	1.48 AMP
				125.13	316.32	44.78	111.72	253.58	153.24	296.91	65.67 PHASE
				7.77	12.88	6.83	6.83	13.74	18.78	3.74	1.36 AMP
				119.55	311.21	34.21	184.96	238.52	151.89	286.43	62.31 PHASE
				7.86	12.76	8.43	6.41	15.18	16.88	1.72	1.41 AMP
				187.99	385.82	22.68	93.97	222.18	148.18	297.73	24.69 PHASE
				6.88	13.47	9.33	6.85	15.47	18.87	94	1.62 AMP
				98.52	299.95	16.42	87.41	216.67	134.99	276.29	17.38 PHASE
				6.76	13.97	18.85	7.84	15.85	19.86	7.77	1.88 AMP
				88.97	293.38	8.82	82.81	288.24	127.57	172.79	358.32 PHASE

TABLE VI.- Concluded

(g) Concluded

TORSION 75 PERCENT RADIUS											
RUN NO 37											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
319	-3.27	4.38	642	2.35	.79	.58	.53	.33	.62	.47	.23
320	-3.72	4.52	642	135.38	165.51	65.84	348.32	235.49	123.68	354.83	131.14
321	-4.17	5.83	642	2.75	.67	.68	.55	.33	.67	.54	.22
322	-4.63	5.72	642	125.59	153.83	48.84	334.87	222.85	116.33	334.43	121.27
323	-3.58	3.97	642	3.16	.51	.49	.55	.38	.75	.71	.27
324	-4.88	4.21	642	121.72	154.91	52.54	335.48	277.73	124.46	349.68	178.78
325	-4.52	4.82	642	3.39	.38	.58	.78	.54	.55	.54	.38
326	-4.75	5.22	642	113.29	139.57	55.82	349.33	348.11	182.72	357.57	287.68
327	-3.73	4.81	642	2.54	.41	.51	.72	.57	.61	.37	.16
328	-4.13	4.57	642	138.18	149.42	52.39	346.67	241.59	139.93	2.89	118.32
329	-4.58	5.23	642	2.77	.36	.61	.81	.58	.73	.35	.19
330	-4.82	5.34	642	138.81	158.54	42.12	341.76	242.21	148.38	352.37	78.79
331	-5.85	5.66	642	3.15	.26	.53	.75	.62	.76	.41	.22
				127.87	144.26	48.28	357.22	275.25	153.66	17.49	153.88
				3.38	.26	.52	.83	.52	.88	.41	.18
				119.28	132.46	36.84	339.11	257.47	128.45	347.76	118.14
				2.59	.18	.27	.68	.55	.58	.45	.88
				138.59	22.36	58.15	356.88	244.15	162.99	18.18	318.64
				2.84	.19	.17	.78	.53	.65	.41	.89
				138.79	319.48	28.42	351.96	245.56	143.37	351.38	315.55
				3.12	.27	.16	.88	.47	.73	.45	.15
				121.84	312.75	23.78	349.57	247.74	132.26	347.38	247.45
				3.32	.31	.17	.83	.43	.74	.45	.21
				117.79	317.55	14.84	344.15	246.68	124.41	342.41	238.83
				3.55	.41	.12	.79	.32	.69	.45	.27
				113.15	322.19	325.47	338.68	257.85	111.14	336.87	288.31

PITCH LINK											
RUN NO 37											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
319	-1.68	14.46	642	4.52	4.96	3.25	.69	1.58	.78	.32	.65
320	-.77	16.68	642	287.24	88.77	288.93	146.84	268.88	88.55	38.76	188.42
321	.46	17.54	642	5.75	5.57	3.87	.68	1.67	.89	.19	.48
322	2.27	28.15	642	282.31	89.28	288.71	184.61	251.26	61.46	65.13	168.97
323	-.48	11.85	642	7.82	6.89	2.78	.49	2.43	.76	.86	.59
324	.18	13.28	642	288.82	94.88	282.72	155.67	258.56	66.85	31.88	187.22
325	.99	14.94	642	8.88	6.16	2.84	1.17	3.78	.52	.38	.88
326	1.37	15.17	642	269.89	94.55	181.96	143.89	237.43	334.34	264.13	283.68
327	.39	11.23	642	4.63	4.43	3.17	.28	1.11	.68	.24	.29
328	1.86	11.85	642	383.75	183.27	184.87	113.27	278.98	182.52	11.88	149.16
329	1.56	13.75	642	5.36	5.83	3.17	.36	1.32	.54	.16	.23
330	1.74	14.78	642	381.42	188.87	177.59	289.65	277.84	86.48	69.25	96.92
331	2.86	14.94	642	6.38	5.78	3.28	.38	1.66	.24	.28	.52
				381.86	117.34	178.86	235.26	276.82	72.87	138.58	169.66
				6.88	5.96	3.21	.41	1.91	.22	.28	.58
				293.52	185.71	156.84	288.87	248.32	326.84	188.28	131.97
				4.72	4.66	2.88	.12	.85	.67	.25	.15
				313.37	113.28	176.28	246.79	299.47	135.69	358.58	249.85
				5.48	5.28	2.89	.68	1.89	.41	.21	.18
				389.87	115.87	168.89	245.78	281.99	92.76	348.72	222.38
				5.96	5.67	2.86	.94	1.53	.28	.19	.44
				384.81	118.13	144.54	236.83	272.25	28.42	322.23	194.21
				6.38	5.94	3.82	.93	1.71	.34	.24	.64
				382.56	116.57	135.81	225.43	265.26	333.88	381.81	181.85
				6.84	6.24	2.98	.96	1.87	.48	.26	.82
				297.45	114.38	122.99	212.38	255.38	383.33	298.28	167.28

TABLE VII.- ROTOR PERFORMANCE AND BLADE LOADS DATA FOR
ACR BLADE WITH SWEPT TIP AND 4° TABS

(a) $\mu = 0.20$; $M_T = 0.65$

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CQ/SIGMA
108	-.7	1.5	-2.2	.02568	.00107	.00143
109	-1.5	2.8	.2	.03994	.00074	.00166
110	-1.5	2.4	2.0	.05417	.00144	.00181
111	-2.1	3.2	4.0	.06652	.00131	.00218
112	-2.5	4.2	5.8	.07666	.00071	.00277
113	-2.8	4.8	8.0	.08993	.00066	.00333
114	-3.4	5.6	9.9	.10091	.00004	.00416
115	-3.6	6.7	11.9	.11120	-.00068	.00518
116	-4.1	7.5	13.8	.12050	-.00105	.00644
117	-4.4	7.7	14.9	.12411	-.00102	.00709
118	-4.7	8.6	15.7	.12566	-.00227	.00795
119	-1.3	2.7	-2.0	.03478	.00478	.00112
120	-1.3	2.6	-.1	.05005	.00647	.00103
121	-1.9	3.3	2.0	.06373	.00744	.00116
122	-2.1	4.0	3.9	.07587	.00819	.00143
123	-2.7	4.5	5.9	.08773	.00892	.00179
124	-3.1	5.2	8.0	.10025	.00959	.00249
125	-3.6	5.9	9.9	.11024	.00976	.00315
126	-4.0	6.5	11.8	.12081	.01033	.00409
127	-4.7	7.7	13.9	.12831	.00983	.00561
128	-5.0	8.2	14.8	.12979	.00968	.00622
129	-1.0	2.3	0.0	.02285	-.00133	.00177
130	-1.6	3.0	1.9	.03617	-.00267	.00220
131	-1.4	3.8	3.9	.04856	-.00391	.00268
132	-1.6	4.1	5.8	.06162	-.00480	.00311
133	-2.2	5.0	7.8	.07332	-.00631	.00378
134	-2.5	5.4	9.9	.08502	-.00722	.00455
135	-3.0	6.3	11.8	.09668	-.00890	.00548
136	-3.6	7.3	13.8	.10695	-.01074	.00668
137	-4.1	8.3	15.9	.11613	-.01224	.00816
138	-4.2	8.5	16.9	.11962	-.01221	.00869
139	-.9	3.3	4.0	.03583	-.00618	.00267
140	-1.3	3.8	5.9	.04741	-.00822	.00333
141	-1.7	4.5	7.9	.06049	-.01065	.00413
142	-2.1	5.2	9.9	.07183	-.01289	.00498
143	-2.6	5.9	11.9	.08396	-.01515	.00597
144	-3.1	6.6	13.9	.09496	-.01751	.00714
145	-3.6	7.1	15.8	.10519	-.01959	.00828

TABLE VII.- Continued

(a) Continued

FLAPWISE 25 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
108	47.23	8.32	608	2.45	1.81	.35	.99	3.85	.85	.67	1.19	AMP
				154.91	289.38	258.67	165.45	41.12	281.38	191.94	356.55	PHASE
109	48.86	9.11	608	2.77	1.85	.79	.89	2.74	.91	.63	1.61	AMP
				149.78	292.88	389.59	181.78	31.69	271.61	192.97	353.88	PHASE
110	50.21	7.48	607	2.29	1.98	1.81	1.85	1.81	1.88	.53	1.86	AMP
				165.84	387.22	346.76	219.47	43.41	283.61	243.35	18.43	PHASE
111	51.64	7.37	607	2.29	2.82	1.13	1.86	1.86	1.24	.51	1.11	AMP
				153.21	388.97	332.26	212.86	353.89	253.85	238.57	344.49	PHASE
112	52.96	8.48	606	2.35	2.85	1.28	1.22	2.74	1.44	.59	1.48	AMP
				144.55	312.18	338.84	227.31	348.36	273.17	249.88	2.18	PHASE
113	54.35	8.94	605	2.88	2.12	1.35	1.68	2.45	1.58	.55	1.45	AMP
				128.27	315.55	328.13	229.17	342.25	258.78	235.88	347.83	PHASE
114	55.44	8.91	603	1.98	2.28	1.43	2.35	1.38	1.44	.49	1.94	AMP
				186.42	334.42	336.56	251.14	6.29	274.18	218.56	48.46	PHASE
115	56.44	11.73	607	2.38	2.51	1.71	3.51	1.69	1.21	1.18	1.62	AMP
				74.83	336.35	275.19	232.66	158.26	282.38	177.81	18.28	PHASE
116	57.19	15.55	604	3.77	3.23	3.22	3.99	3.59	2.82	.74	1.95	AMP
				46.97	341.28	254.45	222.28	166.77	192.85	239.33	337.49	PHASE
117	57.58	19.45	608	4.83	3.54	3.46	4.78	5.39	2.37	.78	1.89	AMP
				42.12	358.86	254.82	222.98	184.35	212.89	271.72	11.91	PHASE
118	57.88	21.65	608	5.88	3.84	3.89	5.34	5.74	2.37	.93	2.25	AMP
				38.14	351.88	232.78	286.93	187.32	216.82	385.58	336.55	PHASE
119	46.98	8.31	609	3.73	2.88	.72	.84	2.76	.54	.62	.51	AMP
				144.54	279.83	138.74	131.29	58.51	291.19	194.91	18.87	PHASE
120	48.36	8.75	608	3.66	2.86	1.85	.89	2.51	.38	.47	.77	AMP
				158.66	293.64	115.87	153.83	98.18	325.35	222.88	38.21	PHASE
121	49.87	8.56	608	3.62	2.83	1.77	.59	1.91	.89	.24	.99	AMP
				154.56	286.92	98.77	158.85	87.91	288.96	175.47	6.83	PHASE
122	51.18	8.27	608	3.58	2.89	1.23	.78	1.37	.23	.34	.98	AMP
				158.55	279.42	66.88	189.74	96.46	182.85	135.16	332.35	PHASE
123	52.51	8.88	607	3.28	2.83	1.36	1.23	2.86	.64	.53	.62	AMP
				144.59	292.86	67.58	214.94	146.59	158.26	161.81	78.18	PHASE
124	53.75	12.34	606	2.68	2.87	.47	2.44	2.22	1.49	1.19	1.24	AMP
				132.98	383.26	67.73	251.18	189.88	178.55	288.69	146.72	PHASE
125	54.84	16.79	609	2.38	2.74	1.86	2.98	2.58	2.82	1.41	1.78	AMP
				181.16	382.58	384.82	245.17	184.88	174.63	287.26	138.26	PHASE
126	55.71	19.47	608	2.67	3.45	2.51	3.65	4.12	2.45	1.87	1.82	AMP
				66.38	319.17	271.54	268.47	218.78	216.48	251.93	163.78	PHASE
127	56.37	23.83	605	4.56	4.48	3.85	3.87	4.68	2.84	.86	1.93	AMP
				49.13	342.38	275.23	256.81	231.91	234.33	215.81	167.25	PHASE
128	56.67	24.86	607	5.61	4.62	3.52	4.52	6.37	2.63	.76	1.35	AMP
				38.69	336.93	251.84	225.25	286.77	215.72	221.87	77.29	PHASE
129	47.19	8.58	608	2.19	1.58	.79	.48	2.73	.96	.82	1.58	AMP
				141.35	298.32	351.12	214.98	48.42	284.86	288.88	359.37	PHASE
130	48.71	9.36	609	2.36	1.62	1.43	.57	3.16	1.11	.66	1.73	AMP
				143.67	388.82	348.87	236.84	51.31	382.89	225.41	12.81	PHASE
131	50.21	9.77	608	2.64	1.62	1.87	.79	3.39	1.38	.36	1.83	AMP
				149.98	318.84	348.83	245.97	41.81	296.78	226.23	1.78	PHASE
132	51.73	11.25	609	2.47	1.67	2.12	1.88	4.83	1.71	.28	2.58	AMP
				146.98	311.14	339.82	225.76	7.26	277.82	235.81	329.48	PHASE
133	53.27	12.68	608	2.54	1.66	2.36	1.28	4.64	1.86	.13	2.89	AMP
				137.93	326.18	341.69	235.43	6.59	279.38	389.89	336.13	PHASE
134	54.77	13.98	608	2.33	1.73	2.22	1.68	4.81	2.22	.23	3.32	AMP
				124.82	342.24	348.77	248.48	9.81	273.67	32.85	336.18	PHASE
135	56.18	14.62	608	2.52	1.96	2.88	2.88	4.37	2.52	.36	3.58	AMP
				97.93	355.85	326.38	223.23	355.25	249.62	28.83	386.11	PHASE
136	57.44	14.32	607	3.38	2.59	1.49	2.59	2.94	2.48	.26	3.56	AMP
				71.86	13.17	299.57	218.75	14.98	248.49	182.49	311.73	PHASE
137	58.65	15.65	608	5.28	3.55	1.71	3.57	.64	2.49	.48	3.92	AMP
				52.24	21.56	253.18	191.84	75.92	248.82	293.51	312.83	PHASE
138	59.23	18.11	604	7.88	4.16	2.44	4.34	.82	2.38	.98	4.24	AMP
				43.17	15.18	228.78	168.83	173.98	239.18	321.15	381.76	PHASE
139	49.42	7.45	608	2.43	1.88	1.62	.24	2.48	.61	.27	1.87	AMP
				143.75	314.56	348.67	235.48	37.84	294.17	184.88	357.39	PHASE
140	50.93	7.89	608	2.45	1.22	2.88	.25	2.61	.73	.84	1.26	AMP
				137.48	315.78	341.92	248.72	11.86	271.21	35.58	318.62	PHASE
141	52.49	8.62	608	2.47	1.49	2.22	.36	3.24	.77	.28	1.41	AMP
				133.85	331.48	344.99	247.48	8.13	266.19	78.11	312.32	PHASE
142	54.13	9.72	608	2.58	1.69	2.19	.45	3.54	.88	.56	1.58	AMP
				121.38	347.95	341.47	259.66	1.57	248.98	56.85	381.76	PHASE
143	55.83	11.34	608	2.57	2.18	.59	.59	3.58	.98	.84	1.76	AMP
				183.44	4.82	328.75	261.73	359.85	225.75	56.28	273.41	PHASE
144	57.42	12.74	609	3.13	2.72	2.21	.77	3.54	1.28	1.14	2.26	AMP
				83.26	15.96	389.63	248.75	353.34	284.26	54.49	257.91	PHASE
145	58.78	13.58	606	4.68	3.38	2.36	1.21	3.87	1.44	1.12	2.58	AMP
				61.88	22.54	285.13	213.87	343.38	282.31	46.62	256.16	PHASE

TABLE VII.- Continued

(a) Continued

CHORDWISE 25 PERCENT RADIUS												
RUN NO 7												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
108	52.72	16.78	608	7.29	1.98	1.58	.93	3.23	2.58	.31	.52	AMP
				256.68	81.32	211.68	28.61	9.97	225.39	289.88	36.56	PHASE
109	52.88	23.26	608	13.34	2.57	2.79	1.39	2.61	2.99	.86	.68	AMP
				282.58	93.34	258.88	32.28	19.32	224.96	216.57	32.22	PHASE
110	58.98	26.97	607	18.35	4.28	1.35	1.82	4.33	2.29	.86	.34	AMP
				312.84	188.59	127.87	353.19	328.12	284.59	339.13	77.86	PHASE
111	49.63	38.26	607	26.29	5.68	4.89	2.71	4.93	2.81	.92	.48	AMP
				321.51	99.61	143.48	323.53	331.61	322.81	312.13	339.87	PHASE
112	48.35	49.74	606	34.42	6.69	7.63	3.47	4.96	2.99	1.19	.76	AMP
				329.24	188.92	166.51	327.56	346.79	11.98	312.59	.47	PHASE
113	46.28	68.12	605	47.56	7.93	11.76	4.74	5.94	6.45	2.36	1.23	AMP
				337.83	98.98	179.65	311.98	359.87	34.52	274.86	343.67	PHASE
114	44.38	85.87	603	68.35	8.52	14.54	6.59	6.48	8.89	3.39	1.37	AMP
				346.97	118.98	287.25	327.79	48.66	81.18	312.16	42.98	PHASE
115	42.57	184.69	607	79.89	8.95	16.34	8.84	4.35	6.33	3.56	1.47	AMP
				347.48	182.27	284.93	389.46	9.14	22.93	288.13	37.83	PHASE
116	48.74	133.66	604	97.66	9.18	15.91	6.97	6.22	16.78	2.73	1.89	AMP
				353.98	113.22	212.22	318.44	357.95	8.36	332.75	389.44	PHASE
117	48.16	148.92	608	184.88	17.55	11.98	3.79	8.12	21.54	2.33	.56	AMP
				359.73	127.48	228.25	386.19	46.84	36.21	69.44	14.22	PHASE
118	48.76	158.45	608	113.46	6.85	7.11	4.21	7.98	23.29	4.75	.45	AMP
				356.79	124.79	216.63	165.35	81.37	43.33	99.38	185.48	PHASE
119	47.28	22.76	609	14.82	2.78	3.59	.91	1.66	1.89	.17	.39	AMP
				258.64	72.27	227.29	345.56	6.28	194.49	388.36	.61	PHASE
120	45.45	32.56	608	28.88	4.88	4.25	.83	7.88	4.88	.55	.76	AMP
				298.71	96.55	388.83	88.96	318.68	317.44	228.68	95.77	PHASE
121	43.88	38.92	608	26.88	6.84	1.82	.92	2.75	7.22	1.15	.88	AMP
				384.49	188.32	338.82	6.37	291.16	327.78	189.85	78.83	PHASE
122	41.71	58.39	608	35.41	8.68	2.46	2.62	4.15	5.92	1.39	.92	AMP
				315.73	188.13	162.81	328.16	386.87	323.47	78.18	25.44	PHASE
123	39.45	68.55	607	43.81	18.81	6.25	4.16	5.36	6.81	1.32	.65	AMP
				329.98	188.98	196.75	343.18	1.87	354.85	124.95	74.84	PHASE
124	36.68	75.19	606	57.26	12.88	18.18	5.85	4.82	5.29	1.68	.88	AMP
				341.99	114.68	217.28	358.86	49.69	.56	248.82	138.31	PHASE
125	35.11	91.76	609	78.34	12.66	14.32	6.54	3.24	7.88	1.82	.47	AMP
				341.81	185.85	288.49	316.73	23.78	323.98	251.22	193.86	PHASE
126	33.62	112.46	608	86.91	12.92	15.27	6.48	3.43	11.91	2.68	1.62	AMP
				352.63	128.13	228.83	325.87	54.41	351.45	263.88	388.26	PHASE
127	33.84	136.99	605	181.24	11.85	11.15	4.41	6.76	11.12	1.67	1.98	AMP
				1.79	147.61	244.67	313.59	66.77	56.29	319.56	13.55	PHASE
128	34.81	139.37	607	187.39	9.63	11.93	2.81	9.92	13.82	1.66	1.68	AMP
				358.99	144.72	243.92	244.86	71.78	54.88	114.93	358.91	PHASE
129	47.28	12.86	608	5.78	1.38	1.66	.99	2.93	2.58	.69	.39	AMP
				283.24	93.31	236.78	28.33	4.89	178.27	388.62	67.85	PHASE
130	47.46	16.39	609	8.93	2.28	3.82	1.38	1.71	2.61	.32	.41	AMP
				295.85	188.89	251.14	46.12	359.33	238.46	386.57	71.14	PHASE
131	47.88	28.47	608	18.62	4.18	2.35	1.84	4.36	2.48	.66	.42	AMP
				314.37	188.64	178.48	354.18	383.77	358.22	318.73	68.85	PHASE
132	46.35	44.89	609	28.35	4.89	7.98	2.88	5.88	3.22	.82	1.87	AMP
				338.86	183.52	171.36	335.82	313.78	15.51	241.65	16.12	PHASE
133	45.86	59.38	608	39.11	5.53	11.47	3.84	5.98	7.88	1.82	1.62	AMP
				338.28	188.17	186.74	341.89	328.86	32.28	263.46	18.93	PHASE
134	44.88	78.24	608	53.21	5.91	14.62	5.31	5.85	18.87	3.69	2.23	AMP
				347.83	185.31	283.13	336.89	338.96	38.57	283.88	22.86	PHASE
135	44.14	95.35	608	57.91	6.28	17.49	6.47	4.68	13.73	4.82	2.59	AMP
				346.19	95.19	288.34	318.87	385.39	21.28	272.54	353.74	PHASE
136	43.68	189.88	607	86.22	6.55	17.49	5.78	2.28	14.31	4.49	2.65	AMP
				351.87	94.74	213.12	332.33	273.95	33.24	325.41	28.38	PHASE
137	43.76	132.48	608	186.99	5.16	13.21	2.12	3.18	16.68	4.13	1.69	AMP
				357.21	95.72	229.18	38.89	171.82	43.92	62.26	38.38	PHASE
138	43.11	147.58	604	119.47	3.73	6.97	9.98	5.17	15.56	7.92	1.56	AMP
				359.37	93.29	216.46	188.87	135.25	49.28	75.68	26.45	PHASE
139	47.95	21.39	608	11.47	2.48	2.36	1.91	3.36	3.57	.16	.25	AMP
				321.99	188.58	177.86	38.88	385.85	299.22	98.84	114.25	PHASE
140	47.99	34.98	608	28.42	2.98	6.87	2.47	4.14	4.17	.53	.37	AMP
				333.47	188.98	178.36	357.98	312.56	343.85	177.78	11.16	PHASE
141	47.99	49.72	608	31.18	3.36	18.51	3.84	4.19	5.38	.86	.99	AMP
				343.84	112.65	187.95	357.82	335.48	13.83	243.23	8.88	PHASE
142	48.18	63.31	608	43.32	3.68	13.88	4.42	2.68	6.48	1.75	1.15	AMP
				348.48	115.98	197.11	353.79	327.15	18.18	266.88	3.51	PHASE
143	48.83	81.22	608	58.99	3.59	17.28	6.18	2.88	9.21	1.94	1.34	AMP
				351.23	116.16	283.82	341.87	264.42	353.75	284.23	349.79	PHASE
144	47.34	96.96	609	75.76	3.24	19.76	7.36	4.88	14.88	1.63	1.64	AMP
				352.93	184.47	287.83	334.26	226.68	342.58	388.56	333.56	PHASE
145	45.41	116.76	606	95.58	2.18	19.67	7.38	8.41	14.37	.73	1.83	AMP
				357.96	98.32	213.11	389.37	221.62	349.32	359.38	326.47	PHASE

TABLE VII.- Continued

(a) Continued

TORSION 28 PERCENT RADIUS												
RUN NO 7												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
108	18.49	5.65	600	3.89	1.13	.48	.46	.71	.18	.39	.33	AMP
				328.12	183.44	49.55	214.68	285.69	271.89	223.58	32.68	PHASE
109	8.41	6.08	600	3.88	1.12	.29	.83	.89	.24	.33	.49	AMP
				339.64	92.92	42.69	212.47	258.28	254.65	224.23	13.78	PHASE
110	6.57	6.69	607	4.05	1.29	.29	.85	.98	.46	.31	.42	AMP
				352.92	88.88	75.84	219.77	264.61	289.87	388.81	38.81	PHASE
111	4.85	8.56	607	4.69	1.58	.24	1.55	1.45	.59	.46	.47	AMP
				354.71	68.65	185.37	283.21	233.82	268.37	388.82	3.47	PHASE
112	3.23	18.33	606	5.48	1.82	.43	1.98	1.94	.74	.58	.73	AMP
				1.57	67.89	158.28	213.29	247.36	292.93	318.24	27.82	PHASE
113	1.05	11.89	605	6.61	2.35	.98	2.57	1.97	.81	.71	.83	AMP
				2.28	62.72	159.37	289.18	248.95	292.58	388.26	2.78	PHASE
114	-1.03	13.68	603	8.18	2.88	1.64	3.25	1.86	.87	.75	1.13	AMP
				9.33	73.78	198.88	235.55	285.44	333.13	348.28	43.97	PHASE
115	-3.49	15.37	607	18.28	3.28	2.26	3.88	1.13	1.22	1.36	1.48	AMP
				4.48	69.27	287.55	238.58	268.13	284.75	384.68	4.83	PHASE
116	-6.46	19.33	604	13.33	3.12	3.16	3.14	1.83	2.71	2.88	1.68	AMP
				1.73	66.43	233.88	238.71	262.83	296.83	312.52	326.28	PHASE
117	-8.45	24.26	608	15.57	3.16	3.95	2.86	1.21	2.18	1.88	2.86	AMP
				2.73	68.42	258.84	263.49	312.88	329.34	328.96	342.78	PHASE
118	-9.81	27.87	608	17.25	3.35	4.66	2.44	2.44	2.45	2.76	2.85	AMP
				4.22	63.52	258.94	272.46	328.81	299.57	386.89	331.44	PHASE
119	18.82	5.92	609	4.27	1.24	.48	1.13	.68	.27	.38	.12	AMP
				331.89	183.21	68.16	211.82	333.78	386.73	229.87	83.86	PHASE
120	8.87	5.98	608	4.24	1.28	.49	.23	.56	.24	.38	.22	AMP
				346.83	184.78	189.81	193.89	348.58	338.21	256.32	82.28	PHASE
121	6.87	6.55	608	4.56	1.49	.67	.63	.44	.22	.18	.35	AMP
				352.29	98.44	119.81	186.24	288.66	268.86	228.11	58.82	PHASE
122	4.86	7.88	608	5.31	1.76	.86	1.88	.55	.25	.42	.42	AMP
				352.16	74.19	128.55	193.88	248.48	239.53	184.51	6.84	PHASE
123	1.98	18.28	607	6.57	2.27	1.31	1.67	.64	.32	.14	.36	AMP
				357.87	76.86	168.54	228.24	281.37	388.62	318.51	43.58	PHASE
124	-7.74	12.57	606	8.37	2.74	1.68	1.71	.88	.42	.49	.47	AMP
				2.78	86.14	286.86	255.64	176.82	255.95	312.38	97.12	PHASE
125	-3.12	14.58	609	18.19	3.11	1.71	1.51	1.88	.98	.84	.18	AMP
				.15	78.28	218.48	238.83	181.92	262.28	384.68	93.77	PHASE
126	-6.81	17.48	608	12.76	2.66	2.41	1.36	1.78	1.65	1.81	.27	AMP
				3.49	81.64	265.47	248.97	231.53	315.39	328.68	388.45	PHASE
127	-9.49	26.88	605	16.56	2.78	3.84	1.69	2.38	3.27	1.53	.85	AMP
				3.75	71.49	285.51	278.88	389.26	17.46	51.94	185.62	PHASE
128	-11.49	27.81	607	19.19	3.35	3.92	2.12	2.28	3.47	1.24	1.19	AMP
				358.12	64.63	267.71	294.85	339.27	28.95	47.93	58.66	PHASE
129	9.18	5.38	608	3.88	1.81	.19	.67	.44	.19	.28	.28	AMP
				331.57	83.25	18.99	223.54	286.54	.44	247.64	24.88	PHASE
130	7.48	5.63	609	4.13	.94	.86	.88	.71	.29	.41	.37	AMP
				345.64	83.85	67.65	224.92	299.95	358.34	266.96	37.25	PHASE
131	5.65	7.85	608	4.65	1.88	.28	1.17	1.89	.51	.36	.45	AMP
				353.94	69.88	158.49	218.86	288.66	325.28	298.26	38.28	PHASE
132	3.83	9.12	609	5.34	1.31	.53	1.63	1.78	.89	.53	.78	AMP
				366.89	54.82	164.16	283.66	262.65	293.29	298.83	2.57	PHASE
133	1.93	18.97	608	6.19	1.59	.95	2.19	2.36	1.81	.55	.91	AMP
				3.88	54.43	172.24	218.89	272.97	388.78	388.43	5.88	PHASE
134	-8.88	12.48	608	7.34	2.85	1.48	2.81	2.69	1.22	.57	1.13	AMP
				6.67	57.68	177.83	211.97	277.58	385.17	312.41	2.28	PHASE
135	-2.16	14.25	608	8.78	2.61	2.19	3.26	2.87	1.44	.56	1.38	AMP
				5.34	55.29	166.54	198.97	264.19	288.35	287.43	338.41	PHASE
136	-4.54	17.45	607	11.82	3.18	2.81	3.83	2.87	1.72	.85	1.78	AMP
				7.63	62.73	189.71	221.73	293.62	385.66	285.48	328.77	PHASE
137	-7.23	22.78	608	14.89	3.58	3.52	2.57	2.92	2.16	1.38	2.42	AMP
				8.67	66.88	216.43	254.31	317.27	316.57	292.48	329.62	PHASE
138	-8.69	24.52	604	16.84	3.75	3.82	2.34	2.64	2.61	2.18	3.29	AMP
				5.88	61.47	226.62	269.64	389.25	294.12	284.88	316.68	PHASE
139	6.15	5.39	608	4.11	.72	.16	.85	.58	.21	.21	.25	AMP
				358.46	71.81	58.83	218.47	283.78	348.33	249.84	29.78	PHASE
140	4.45	6.43	608	4.65	.22	1.83	.93	.36	.18	.38	.38	AMP
				355.27	52.96	122.26	289.45	266.57	314.95	264.61	349.67	PHASE
141	2.57	7.88	608	5.47	1.83	.58	1.33	1.39	.46	.13	.48	AMP
				1.66	48.56	158.75	213.44	273.61	316.77	288.94	337.48	PHASE
142	.68	9.34	608	6.37	1.31	.85	1.55	1.65	.57	.85	.42	AMP
				5.16	46.74	163.92	287.88	271.87	388.32	31.49	328.47	PHASE
143	-1.39	11.15	608	7.58	1.69	1.27	1.83	1.85	.88	.17	.58	AMP
				7.53	47.57	166.33	199.36	267.33	286.98	82.22	382.77	PHASE
144	-3.48	12.83	609	8.87	2.14	1.85	2.85	2.85	1.13	.78	.78	AMP
				9.35	51.44	168.36	188.14	258.48	279.78	86.17	289.66	PHASE
145	-5.77	15.13	606	11.11	2.68	2.88	2.22	2.13	1.39	.88	.98	AMP
				18.74	59.19	179.86	182.55	256.43	272.75	71.35	293.58	PHASE

TABLE VII.- Continued

(a) Continued

FLAPWISE 37 PERCENT RADIUS												
RUN NO 7												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
108	32.21	7.48	608	4.41 148.53	2.53 295.53	1.18 298.67	.78 194.33	1.68 39.27	.35 293.19	.87 299.58	.29 179.44	AMP PHASE
109	33.78	8.23	608	5.18 142.43	2.46 292.72	1.58 315.61	.75 287.92	1.66 26.41	.39 294.38	.18 328.11	.46 172.65	AMP PHASE
110	34.78	8.88	607	5.63 151.71	3.02 297.55	2.15 332.98	.88 243.35	1.17 38.16	.36 385.57	.89 388.98	.31 194.39	AMP PHASE
111	35.85	9.19	607	5.16 148.35	3.21 287.89	2.39 322.29	1.81 243.11	1.33 349.47	.36 281.35	.88 193.57	.31 148.87	AMP PHASE
112	36.98	9.85	606	6.44 158.12	3.39 291.13	2.74 338.82	1.88 262.61	1.91 349.74	.41 291.52	.86 171.87	.39 155.79	AMP PHASE
113	38.21	18.19	605	6.93 147.83	3.61 288.88	2.99 328.18	1.34 262.83	1.72 345.24	.37 284.56	.16 287.51	.38 134.84	AMP PHASE
114	39.27	12.81	603	7.38 151.85	3.59 299.48	3.22 345.37	1.78 278.97	1.88 18.98	.25 288.51	.28 252.25	.48 284.89	AMP PHASE
115	48.28	12.92	607	7.67 145.52	3.88 289.26	3.83 315.73	2.38 251.18	.26 132.18	.85 166.33	.13 298.48	.26 156.68	AMP PHASE
116	48.95	13.98	604	7.49 143.88	5.87 295.36	3.27 295.51	2.69 224.22	.45 172.61	.21 146.28	.83 182.18	.48 128.89	AMP PHASE
117	41.14	15.67	608	7.82 142.79	5.29 385.64	2.85 288.28	3.71 225.64	3.35 194.87	.49 196.79	.43 121.52	.39 152.88	AMP PHASE
118	41.59	15.77	608	7.15 136.59	5.26 384.87	2.98 255.58	4.39 214.33	3.68 281.66	.48 221.37	.68 111.25	.65 134.72	AMP PHASE
119	31.74	9.35	609	6.81 134.34	3.58 287.16	.27 336.81	.57 174.47	1.42 58.85	.27 285.68	.88 294.78	.15 286.52	AMP PHASE
120	32.89	18.35	608	6.73 147.14	4.13 296.91	.65 37.19	.54 214.11	1.27 84.53	.14 335.64	.88 333.33	.15 258.26	AMP PHASE
121	34.17	11.38	608	7.17 147.64	4.22 289.41	1.87 315.88	1.54 238.32	.91 85.89	.12 333.41	.83 228.92	.18 162.82	AMP PHASE
122	35.26	12.87	608	7.68 144.46	4.37 288.87	1.62 8.15	.84 243.79	.62 92.92	.11 388.25	.85 112.85	.39 136.58	AMP PHASE
123	36.33	12.78	607	7.99 147.58	4.56 285.93	2.85 16.25	1.89 254.82	1.88 158.18	.13 282.87	.21 184.98	.17 262.66	AMP PHASE
124	37.46	13.87	606	8.16 149.18	5.83 289.87	1.98 4.92	1.83 269.73	1.38 218.21	.28 236.78	.28 227.86	.39 344.79	AMP PHASE
125	38.55	13.16	609	8.15 141.98	5.84 282.56	2.73 337.86	2.29 257.34	1.77 213.98	.42 219.92	.21 284.69	.62 315.84	AMP PHASE
126	39.46	14.53	608	7.87 144.44	6.14 299.63	2.65 318.95	3.83 263.25	2.55 244.18	.39 223.64	.21 184.31	.68 354.19	AMP PHASE
127	48.87	19.12	605	7.19 143.39	7.51 319.52	3.45 384.34	3.47 268.97	2.78 244.98	.98 219.44	.34 239.61	.65 338.85	AMP PHASE
128	48.29	21.99	607	6.92 133.68	7.45 312.67	2.62 278.74	4.23 228.17	4.27 216.85	1.48 286.17	.28 199.42	.42 257.88	AMP PHASE
129	33.34	8.23	608	4.74 136.56	2.28 291.33	1.45 352.45	.48 215.32	1.43 41.71	.44 293.88	.44 348.95	.34 174.91	AMP PHASE
130	34.68	9.73	609	5.38 141.98	2.26 295.81	2.28 353.57	.55 241.49	1.84 52.72	.48 323.93	.83 331.26	.42 188.84	AMP PHASE
131	35.96	18.96	608	6.84 145.47	2.47 295.33	2.37 348.29	.75 255.98	2.85 45.18	.85 296.89	.72 254.73	.58 166.18	AMP PHASE
132	37.15	11.85	609	6.55 145.62	2.61 298.81	3.29 339.26	.98 244.36	2.58 12.15	.43 284.98	.18 166.85	.71 134.27	AMP PHASE
133	38.51	12.98	608	7.82 147.77	2.64 296.99	3.83 344.28	.94 261.89	2.97 13.17	.46 283.75	.26 288.17	.96 143.79	AMP PHASE
134	39.71	13.87	608	7.58 149.87	2.65 297.83	3.99 345.35	1.13 268.88	3.38 16.44	.53 281.18	.25 217.29	.85 144.87	AMP PHASE
135	48.98	14.58	608	7.96 144.13	2.32 296.55	4.28 335.89	1.21 258.13	3.25 2.28	.49 258.19	.22 186.85	.88 111.89	AMP PHASE
136	42.87	14.32	607	8.24 142.81	2.25 386.42	3.38 332.93	1.49 216.73	2.29 28.48	.58 233.43	.82 92.99	.88 113.14	AMP PHASE
137	43.26	13.98	608	8.36 138.74	2.44 318.77	1.96 314.52	2.83 189.88	.45 65.58	.55 214.43	.52 97.41	.15 116.21	AMP PHASE
138	43.88	13.79	604	8.33 132.59	3.81 314.17	2.15 261.81	3.61 179.55	.58 213.96	.63 211.61	.86 97.42	.15 186.35	AMP PHASE
139	35.78	8.89	608	5.45 143.52	1.98 296.15	2.62 346.13	.33 245.28	1.42 39.37	.14 267.11	.84 273.84	.25 188.88	AMP PHASE
140	36.97	9.34	608	5.99 142.92	2.88 294.28	3.13 341.13	.41 241.78	1.51 12.63	.21 246.48	.12 172.54	.34 138.89	AMP PHASE
141	38.28	18.34	608	6.53 145.96	2.88 383.54	3.43 344.16	.42 252.99	2.85 9.99	.31 258.19	.23 283.58	.47 138.83	AMP PHASE
142	39.61	11.84	608	7.81 147.11	2.33 389.25	3.67 344.69	.38 279.76	2.25 3.56	.15 262.85	.28 233.77	.58 128.12	AMP PHASE
143	41.83	12.45	608	7.51 147.32	2.32 318.15	3.99 339.39	.42 277.65	2.46 2.95	.88 232.44	.25 238.65	.51 93.87	AMP PHASE
144	42.48	13.89	609	8.84 145.94	2.28 326.84	4.47 332.89	2.65 265.88	2.86 356.86	.86 188.58	.19 253.68	.68 73.16	AMP PHASE
145	43.61	15.88	606	8.48 142.99	2.17 328.82	3.78 328.86	.85 217.65	2.46 353.77	.26 128.38	.12 86.77	.71 64.41	AMP PHASE

TABLE VII.- Continued

(a) Continued

CHORDWISE 37 PERCENT RADIUS											
RUN NO 7											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
108	31.29	17.19	608	6.14	1.88	1.34	1.33	4.19	3.45	.82	.43
				256.11	84.75	248.28	16.74	12.76	221.88	322.28	158.48
109	38.57	28.33	608	18.45	1.78	2.63	2.11	3.86	4.16	.23	.58
				278.14	89.69	265.26	4.59	22.46	219.66	3.36	114.68
110	29.79	23.72	607	13.86	3.61	4.7	2.82	5.88	3.84	1.85	1.13
				385.42	183.79	284.38	348.25	348.33	288.71	356.58	131.15
111	28.43	38.14	607	19.27	5.15	3.14	4.14	6.81	4.37	2.84	.94
				315.88	95.55	166.57	338.48	338.53	328.91	347.73	98.37
112	26.96	39.61	606	24.98	6.47	5.13	5.14	7.54	5.18	1.43	.66
				325.22	181.83	186.75	332.91	354.11	15.18	3.88	148.98
113	24.27	57.91	605	34.67	8.34	8.98	7.26	9.31	18.28	3.82	.34
				333.28	188.61	195.93	317.33	358.53	33.14	259.25	331.71
114	21.19	76.25	603	44.93	9.54	12.23	18.22	9.56	13.52	5.68	1.24
				343.24	112.65	224.72	334.39	33.97	77.97	297.54	48.78
115	17.56	87.43	607	58.35	18.48	15.21	13.36	6.17	18.17	6.89	1.16
				344.86	189.22	225.58	315.27	358.21	22.85	283.21	181.11
116	14.26	111.28	604	73.72	18.98	15.55	18.58	5.56	23.98	4.48	.92
				358.43	128.84	235.26	317.34	344.83	11.15	349.81	114.88
117	12.32	126.72	608	79.58	9.44	12.59	5.93	4.59	38.33	5.53	2.19
				355.49	133.92	254.91	313.67	47.23	37.86	88.79	119.48
118	11.68	139.38	608	86.29	8.27	8.78	3.86	5.62	33.23	16.39	3.59
				352.58	131.82	258.61	199.58	121.83	43.88	99.87	124.18
119	25.69	19.48	609	11.52	1.98	2.98	1.84	1.93	1.67	.56	.58
				256.13	79.79	232.42	357.14	13.69	185.29	344.47	145.74
120	24.41	25.38	608	15.67	3.54	3.26	1.87	.59	6.47	.55	1.12
				285.99	96.43	382.18	57.49	351.87	311.99	225.11	141.28
121	22.84	33.58	608	28.11	5.76	1.71	1.59	2.37	18.56	.67	1.52
				299.78	188.32	312.84	2.66	382.87	326.12	28.95	132.98
122	28.75	42.74	608	26.71	8.38	2.16	3.77	4.65	9.85	2.99	.87
				311.29	97.54	198.86	332.59	318.85	324.46	42.77	117.52
123	18.22	52.61	607	33.88	18.84	5.38	6.11	5.28	18.31	2.83	.37
				326.36	187.72	218.51	344.46	358.28	353.66	118.42	319.32
124	14.34	65.29	606	44.83	12.56	9.16	8.23	5.18	8.96	3.81	1.49
				338.52	114.61	242.28	388.98	32.82	358.61	238.68	349.43
125	11.33	76.52	609	55.29	13.54	13.84	18.33	4.83	12.48	3.24	2.38
				338.88	187.69	232.78	322.72	348.27	326.55	246.85	381.19
126	8.87	93.89	608	68.78	13.78	14.66	18.87	4.92	19.18	3.55	3.58
				349.46	123.88	253.78	338.64	358.83	354.74	259.46	388.82
127	6.68	114.26	605	79.44	12.48	15.31	7.88	5.78	15.59	2.83	4.29
				357.79	158.89	272.59	326.59	36.88	57.53	383.98	328.89
128	5.92	116.58	607	84.21	18.52	13.58	3.65	4.73	18.21	3.99	2.83
				354.39	147.88	271.18	261.34	68.88	53.29	114.83	274.58
129	24.38	14.35	608	4.87	.94	1.74	1.62	3.92	3.67	1.88	.88
				282.18	183.89	261.89	18.55	11.47	168.48	381.57	154.64
130	24.25	16.98	609	7.74	1.73	2.97	2.23	2.54	3.96	.84	.94
				291.58	187.88	265.52	17.42	26.87	223.25	333.49	157.38
131	23.74	24.74	608	14.51	3.43	1.72	3.37	4.24	3.36	1.53	1.93
				389.48	184.69	229.64	356.29	325.75	354.81	342.36	145.58
132	23.21	35.85	609	21.27	4.48	4.93	4.63	7.23	5.46	.71	2.88
				324.73	186.97	191.68	348.47	329.18	21.86	191.88	185.22
133	22.16	48.87	608	28.68	5.22	7.71	6.88	8.48	18.98	2.76	1.97
				333.91	118.29	286.36	346.52	345.93	33.95	237.92	186.48
134	28.64	62.42	608	38.49	6.86	11.36	8.82	9.23	15.76	6.75	3.86
				342.76	188.77	221.49	342.34	351.72	39.48	265.37	88.99
135	18.87	88.62	608	49.71	7.11	14.69	9.89	7.77	21.96	7.88	4.19
				342.51	181.88	217.22	324.57	336.68	22.66	256.36	54.58
136	17.11	88.82	607	63.39	8.42	15.98	8.52	2.44	22.53	8.13	5.43
				348.87	186.36	228.61	335.66	348.78	36.82	314.78	64.15
137	15.99	118.82	608	78.78	8.16	13.51	2.17	4.75	24.86	7.74	5.63
				354.62	115.18	241.91	29.29	164.53	46.84	64.28	72.89
138	15.82	123.17	604	87.65	7.54	9.89	8.94	7.69	22.15	15.87	5.82
				356.56	117.88	232.86	118.74	154.11	51.28	88.24	48.78
139	24.48	18.48	608	9.15	2.87	1.74	2.95	3.42	5.35	.96	1.14
				316.66	186.11	215.81	18.72	328.11	298.38	39.87	123.25
140	24.46	29.54	608	15.44	2.98	4.42	3.88	4.98	6.42	1.19	1.86
				327.76	187.15	191.85	1.88	325.37	342.39	122.11	187.48
141	24.16	39.35	608	23.17	3.34	7.88	4.92	5.94	8.22	2.29	1.17
				338.96	116.18	285.22	1.22	345.38	14.16	213.51	71.63
142	23.43	58.77	608	31.58	3.58	18.88	6.43	4.89	9.84	3.75	1.46
				344.28	116.27	214.78	356.78	347.23	18.48	248.89	55.31
143	22.44	63.82	608	42.51	3.62	13.56	8.62	3.86	14.16	4.14	2.11
				347.61	114.76	228.88	346.44	327.88	357.81	255.75	36.57
144	28.75	76.28	609	54.81	3.88	16.52	18.13	3.36	21.31	3.87	2.38
				349.66	111.34	223.83	338.79	268.19	346.28	268.76	11.83
145	17.57	91.89	606	78.81	4.29	17.63	9.43	6.31	21.86	.92	3.87
				355.18	128.24	227.13	318.78	238.87	353.77	47.98	347.72

TABLE VII.- Continued

(a) Continued

TORSION 36 PERCENT RADIUS											
RUN NO 7											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
108	9.13	5.31	608	3.98	1.10	.37	.36	.65	.88	.19	.19 AMP
				323.22	90.72	34.89	191.85	239.16	235.07	181.51	343.87 PHASE
109	7.10	5.45	608	3.98	1.14	.29	.68	.81	.13	.34	.30 AMP
				333.14	82.10	44.51	185.61	218.48	192.70	176.25	323.52 PHASE
110	5.40	5.98	607	4.13	1.30	.28	.84	.85	.28	.24	.28 AMP
				346.19	79.01	72.45	190.22	227.70	249.63	281.84	345.44 PHASE
111	3.65	7.60	607	4.75	1.40	.26	1.28	1.24	.41	.37	.31 AMP
				347.68	61.64	92.23	173.19	195.68	228.86	258.31	314.39 PHASE
112	2.07	9.23	606	5.39	1.62	.44	1.68	1.69	.57	.48	.50 AMP
				354.00	59.38	126.08	183.26	200.04	256.26	270.32	339.00 PHASE
113	.00	10.62	605	6.40	2.04	.85	2.23	1.74	.63	.57	.53 AMP
				354.64	51.69	133.24	170.15	209.72	257.21	267.56	314.00 PHASE
114	-1.98	12.23	603	7.67	2.48	1.47	2.81	1.63	.71	.59	.74 AMP
				.62	61.26	164.27	204.67	246.97	297.25	305.97	354.01 PHASE
115	-4.24	12.94	607	9.48	2.67	1.85	2.58	1.04	.95	1.06	.95 AMP
				355.57	56.54	181.83	198.46	233.12	246.72	258.54	312.32 PHASE
116	-6.94	16.82	604	12.08	2.61	2.39	2.56	2.68	2.22	1.56	1.11 AMP
				353.33	51.78	208.40	208.01	234.92	255.91	265.39	276.69 PHASE
117	-8.79	20.37	608	14.11	2.70	3.02	2.44	1.35	1.69	1.41	1.38 AMP
				354.07	53.01	227.96	235.00	286.01	285.96	272.25	291.92 PHASE
118	-10.07	22.46	608	15.59	2.90	3.57	2.14	.78	1.68	2.16	1.91 AMP
				351.39	49.09	229.17	246.87	299.40	256.19	256.77	280.67 PHASE
119	8.00	5.81	609	4.34	1.26	.42	.10	.59	.16	.22	.09 AMP
				325.00	91.17	48.36	191.46	293.05	276.64	186.54	24.32 PHASE
120	6.07	5.60	608	4.29	1.28	.42	.16	.45	.14	.22	.17 AMP
				339.93	95.41	93.96	165.96	309.07	304.30	207.03	31.24 PHASE
121	4.98	5.85	608	4.57	1.44	.53	.49	.39	.14	.12	.09 AMP
				345.13	79.77	103.47	154.36	240.19	221.19	192.96	357.66 PHASE
122	3.09	6.91	608	5.24	1.58	.66	.91	.49	.20	.04	.32 AMP
				344.13	64.41	106.44	160.03	209.55	200.07	247.32	319.34 PHASE
123	1.02	9.04	607	6.29	1.97	1.10	1.46	.62	.29	.12	.28 AMP
				349.87	62.97	138.10	187.33	247.81	267.18	292.10	347.80 PHASE
124	-1.42	10.47	606	7.71	2.27	1.37	1.44	.06	.31	.38	.36 AMP
				354.37	70.06	183.58	221.27	276.73	229.08	278.23	33.04 PHASE
125	-3.64	12.05	609	9.21	2.58	1.38	1.33	.72	.76	.65	.15 AMP
				351.79	61.71	183.13	194.33	151.65	225.11	262.82	347.54 PHASE
126	-6.27	14.77	608	11.32	2.22	1.70	1.30	1.31	1.31	.91	.21 AMP
				354.73	61.10	242.36	213.55	204.11	276.63	286.75	287.53 PHASE
127	-9.51	21.15	605	14.80	2.56	2.11	1.71	2.12	2.62	1.22	.64 AMP
				354.86	51.62	263.20	250.13	284.02	335.50	3.72	54.91 PHASE
128	-11.37	22.70	607	17.21	3.16	2.90	2.11	2.26	2.69	.92	.82 AMP
				349.44	47.34	243.83	264.49	309.40	338.18	357.12	1.74 PHASE
129	8.03	5.19	608	3.97	.99	.16	.61	.37	.14	.26	.15 AMP
				325.02	72.63	30.60	194.85	237.44	354.54	213.13	335.40 PHASE
130	6.40	5.38	609	4.22	.97	.14	.77	.63	.18	.22	.22 AMP
				338.70	74.90	109.82	194.55	256.54	327.77	234.21	346.51 PHASE
131	4.62	6.45	608	4.70	1.06	.27	.99	.97	.35	.28	.31 AMP
				346.48	64.82	130.92	187.71	248.20	289.64	261.90	354.47 PHASE
132	2.03	8.34	609	5.40	1.24	.57	1.41	1.55	.66	.45	.53 AMP
				349.33	40.83	138.84	174.06	221.73	256.39	248.93	316.56 PHASE
133	.98	9.92	608	6.20	1.45	.98	1.92	2.03	.75	.43	.59 AMP
				355.25	47.00	147.93	180.24	232.49	273.50	263.90	319.62 PHASE
134	-.97	11.56	608	7.18	1.81	1.46	2.46	2.32	.88	.97	.74 AMP
				358.00	47.15	152.53	181.91	236.86	268.58	269.55	314.27 PHASE
135	-2.98	13.10	608	8.42	2.25	2.08	2.84	2.50	1.04	.47	.86 AMP
				357.69	44.02	142.69	168.16	224.07	252.66	241.43	281.15 PHASE
136	-5.26	15.38	607	10.30	2.70	2.54	2.59	2.49	1.30	.73	1.13 AMP
				359.71	50.19	163.14	191.65	255.51	269.03	238.45	277.79 PHASE
137	-7.00	19.22	608	12.91	3.07	3.00	2.25	2.61	1.68	1.18	1.61 AMP
				.47	54.21	188.94	227.89	202.40	276.84	244.05	278.19 PHASE
138	-9.22	20.00	604	14.50	3.17	3.05	2.19	2.44	2.14	1.84	2.24 AMP
				357.33	40.59	201.07	245.16	275.11	253.61	235.08	265.14 PHASE
139	5.16	5.25	608	4.24	.76	.20	.69	.53	.17	.16	.18 AMP
				343.64	66.90	81.50	180.04	243.19	323.09	207.57	350.37 PHASE
140	3.48	6.22	608	4.78	.82	.31	.87	.79	.28	.15	.20 AMP
				348.01	49.00	100.20	179.30	225.69	278.92	216.13	307.06 PHASE
141	1.63	7.55	608	5.56	.94	.56	1.19	1.19	.36	.09	.25 AMP
				354.21	42.49	135.44	103.14	232.45	203.00	237.04	297.30 PHASE
142	-.25	8.90	608	6.36	1.16	.89	1.41	1.40	.43	.03	.20 AMP
				357.44	30.92	139.00	178.76	230.53	267.00	341.81	284.63 PHASE
143	-2.31	10.30	608	7.37	1.45	1.28	1.62	1.56	.59	.11	.33 AMP
				359.00	39.71	141.75	169.52	226.23	252.17	47.30	250.56 PHASE
144	-4.28	11.76	609	8.44	1.02	1.53	1.83	1.67	.83	.10	.45 AMP
				1.14	40.11	140.93	150.11	210.00	241.62	50.79	244.45 PHASE
145	-6.40	13.51	606	10.19	2.22	1.95	1.95	1.67	1.07	.91	.62 AMP
				2.10	45.26	147.73	154.89	210.88	230.38	235.89	242.75 PHASE

TABLE VII.- Continued

(a) Continued

FLAPWISE 51 PERCENT RADIUS											
RUN NO		7									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
108	19.41	8.85	608	5.21	3.18	1.84	.53	.67	.51	.53	1.14
				126.32	298.83	317.88	284.59	217.84	86.36	8.11	174.32
109	20.59	9.64	608	5.95	3.35	2.61	.65	.48	.51	.47	1.55
				132.54	285.75	327.23	307.86	222.57	74.95	4.44	172.17
110	21.30	10.24	607	6.49	4.87	3.38	.81	.15	.60	.33	1.85
				143.89	298.95	339.84	331.45	248.28	181.81	69.31	199.49
111	22.18	12.01	607	7.44	6.62	3.93	.92	.88	.75	.75	1.20
				141.81	288.68	327.86	328.34	166.73	69.88	65.85	165.28
112	23.15	13.58	606	8.12	4.99	4.38	.93	.35	.91	.47	1.72
				145.54	286.05	336.28	334.25	126.59	98.76	85.21	185.45
113	24.35	15.04	605	9.24	5.35	4.77	1.04	.24	1.11	.44	1.77
				144.17	288.14	333.84	329.49	145.28	71.87	89.84	168.37
114	25.64	16.94	603	10.49	5.37	5.82	1.16	.82	.96	.83	2.34
				148.19	288.89	351.86	358.13	211.38	187.28	337.11	226.88
115	26.86	17.55	607	11.93	5.93	4.77	1.15	.32	.94	.71	1.98
				143.76	279.63	336.73	334.19	328.58	52.76	357.85	189.28
116	27.42	19.35	604	12.32	6.95	4.31	.56	.27	.99	.75	2.46
				143.14	287.86	328.78	359.52	351.34	53.88	98.86	159.35
117	27.61	19.59	608	12.37	6.89	3.27	.14	.59	1.87	.98	2.68
				143.76	297.47	336.52	321.83	316.28	52.84	115.67	189.41
118	28.18	22.86	608	12.94	6.98	2.26	.55	.73	1.23	1.58	3.13
				139.71	292.67	386.87	251.54	316.98	52.87	125.84	157.28
119	18.82	18.47	609	6.69	4.46	1.33	.52	.72	.38	.53	.59
				125.24	281.52	336.88	272.18	219.98	93.87	9.75	282.31
120	18.92	12.53	608	7.53	5.15	1.78	.54	.56	.35	.35	.87
				137.95	291.82	18.55	388.88	249.11	132.73	41.53	219.23
121	28.03	13.48	608	8.33	5.52	2.38	.68	.38	.23	.28	1.85
				148.17	284.18	7.11	382.47	268.15	126.88	389.41	185.22
122	21.15	14.69	608	9.45	5.88	2.92	.67	.53	.85	.28	1.12
				138.84	273.33	355.78	298.27	263.25	11.44	261.21	156.73
123	22.38	15.72	607	10.47	6.12	3.55	.93	.78	.19	.24	.77
				142.54	277.15	5.75	312.69	384.58	.65	322.52	236.58
124	23.82	17.28	606	11.92	6.44	3.47	.83	.79	.65	1.18	AMP
				144.58	278.37	18.57	321.37	322.16	358.68	18.72	312.24
125	24.94	17.77	609	12.58	6.47	4.24	.99	1.81	1.88	1.83	1.44
				139.88	271.68	349.83	317.83	318.85	5.42	36.58	298.33
126	26.81	19.38	608	13.84	7.57	3.53	.63	1.11	1.14	.98	1.45
				143.75	287.24	346.83	358.38	11.16	48.25	87.43	324.32
127	26.39	21.81	605	12.91	9.18	3.59	.25	.59	.56	.37	2.85
				146.22	389.47	342.18	48.25	38.21	62.26	23.77	325.87
128	26.46	21.25	607	12.92	8.81	2.32	.53	.84	.76	.43	2.83
				138.98	382.42	338.67	189.71	318.25	18.25	17.91	248.54
129	28.44	9.61	608	5.86	3.88	2.32	.39	.74	.47	.65	1.41
				126.76	283.79	346.91	388.98	215.43	86.82	28.86	178.93
130	21.59	18.72	609	6.43	3.32	3.12	.52	.74	.65	.51	1.68
				135.81	286.92	351.37	316.98	228.52	187.94	39.98	198.33
131	22.71	12.24	608	7.32	3.77	4.86	.78	.67	.84	.15	1.74
				148.88	285.47	346.97	328.94	194.38	117.31	23.86	181.28
132	23.78	14.71	609	8.13	4.28	4.81	.84	.75	1.11	.89	2.51
				141.22	279.63	339.78	319.85	158.36	93.17	118.18	149.32
133	24.94	16.72	608	8.96	4.47	5.54	.95	.94	1.27	.38	2.39
				145.86	284.68	345.82	334.36	155.85	99.86	186.77	155.82
134	26.14	18.79	608	9.96	4.72	5.95	1.89	.88	1.54	.52	3.58
				148.63	283.95	349.21	341.86	147.47	98.81	211.68	154.41
135	27.47	28.53	608	11.87	4.59	6.37	1.18	.83	1.79	.59	3.91
				146.82	274.95	348.69	338.66	116.52	65.81	197.98	124.31
136	28.72	21.51	607	12.16	4.76	5.46	.59	.81	1.66	.37	3.95
				148.27	276.14	342.94	319.33	137.28	78.43	233.26	129.17
137	29.73	21.52	608	12.66	5.88	3.67	.69	.71	1.51	.43	4.41
				149.84	288.89	338.58	221.13	157.88	67.18	148.72	129.62
138	38.87	21.84	604	12.86	5.69	3.83	1.38	.62	1.26	1.38	4.92
				145.86	277.39	295.18	217.77	151.34	64.28	142.55	117.57
139	22.94	18.35	608	6.59	3.82	3.61	.43	.49	.39	.29	1.87
				139.14	283.58	348.88	388.74	289.84	119.34	329.69	177.86
140	23.96	12.13	608	7.35	3.36	4.42	.46	.57	.42	.11	1.22
				148.75	279.82	336.17	297.41	188.68	185.46	259.78	134.75
141	25.15	13.96	608	8.19	3.69	4.99	.45	.64	.45	.25	1.44
				145.87	286.63	341.55	312.78	169.96	183.47	222.14	138.47
142	26.36	15.86	608	9.85	5.82	5.52	.53	.63	.51	.68	1.58
				148.97	289.57	342.57	322.44	154.99	78.61	226.99	118.25
143	27.72	18.45	608	9.97	3.89	6.81	.62	.67	.76	.96	1.85
				158.72	291.86	341.24	327.47	137.87	51.88	227.34	93.51
144	29.85	28.26	609	18.97	3.83	6.18	.88	.68	1.88	1.21	2.32
				151.22	291.88	338.29	325.81	128.82	37.19	238.11	77.53
145	38.48	21.24	606	12.38	4.83	5.47	.73	.91	1.23	1.16	2.62
				158.73	284.98	331.22	325.82	187.51	38.82	228.64	76.89

TABLE VII.- Continued

(a) Continued

CHORDWISE 51 PERCENT RADIUS												
RUN NO		7										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
108	29.00	19.05	600	5.68	1.12	1.36	1.47	4.42	4.05	1.19	.97	AMP
				257.60	90.53	258.62	13.47	13.81	223.19	332.36	177.65	PHASE
109	28.16	23.96	600	9.30	1.78	2.75	2.50	4.50	4.91	332.54	177.65	AMP
				277.31	97.83	270.34	2.24	24.22	219.74	25.45	159.46	PHASE
110	27.72	25.11	607	11.91	3.08	1.01	3.47	5.57	3.39	2.46	1.85	AMP
				302.00	108.82	268.55	352.28	346.57	292.22	3.05	145.78	PHASE
111	27.00	32.19	607	16.31	5.05	2.50	5.01	7.07	5.26	2.69	2.01	AMP
				311.97	102.30	195.37	332.02	344.86	334.12	.66	113.37	PHASE
112	25.79	39.94	606	21.04	6.30	4.50	6.30	8.09	6.35	2.04	2.01	AMP
				321.89	109.57	209.16	336.03	.19	22.46	25.91	151.23	PHASE
113	23.12	56.54	605	20.86	8.10	0.34	0.81	10.93	13.05	3.56	5.55	AMP
				329.94	106.42	210.61	320.91	2.05	37.06	254.96	136.26	PHASE
114	19.62	73.92	603	37.70	9.73	12.14	12.22	11.46	17.10	7.18	1.01	AMP
				340.15	115.42	235.60	336.51	36.73	81.44	296.95	43.81	PHASE
115	15.23	83.52	607	50.70	10.87	16.38	16.12	7.74	12.78	9.44	1.77	AMP
				340.02	113.23	235.57	316.76	.05	26.00	288.00	103.04	PHASE
116	10.91	102.93	604	61.63	11.19	17.70	13.17	6.20	29.27	6.60	2.52	AMP
				346.85	123.89	244.47	310.57	346.72	15.39	1.59	116.92	PHASE
117	7.96	116.29	608	66.83	9.23	15.05	7.86	3.00	36.85	0.56	3.91	AMP
				351.06	135.24	262.81	314.79	49.46	40.05	03.28	129.73	PHASE
118	6.36	137.02	608	72.93	8.37	11.66	4.76	5.73	40.50	14.99	6.03	AMP
				348.20	131.34	256.30	229.97	139.56	45.87	100.04	127.56	PHASE
119	21.26	20.16	609	10.20	1.85	2.71	1.06	1.75	2.01	.91	1.91	AMP
				254.92	84.50	234.37	359.47	11.84	103.32	358.79	167.45	PHASE
120	20.73	25.81	608	13.52	3.44	3.01	1.13	.65	6.66	.61	1.40	AMP
				202.68	103.05	301.97	53.29	351.38	313.59	210.07	154.72	PHASE
121	20.00	33.99	608	17.03	5.64	1.82	1.97	2.42	12.94	.91	2.10	AMP
				295.97	104.13	306.13	4.98	306.73	329.16	19.67	147.21	PHASE
122	18.74	41.79	608	22.48	8.16	1.95	4.24	4.99	11.44	3.96	1.12	AMP
				307.29	101.06	218.58	332.53	312.67	327.03	45.69	137.07	PHASE
123	16.40	51.19	607	28.73	10.96	4.94	6.78	7.04	13.05	3.83	1.09	AMP
				322.65	109.35	229.98	341.47	357.48	355.96	115.58	315.48	PHASE
124	12.23	64.43	606	30.55	12.59	9.30	9.80	6.47	11.00	4.15	3.31	AMP
				335.03	115.00	251.44	347.36	26.77	245.44	353.12	167.45	PHASE
125	8.82	75.07	609	47.84	13.95	13.65	12.00	6.32	16.54	3.91	4.26	AMP
				335.73	108.27	241.12	321.00	335.65	330.26	255.21	312.32	PHASE
126	4.71	90.81	608	60.10	14.12	16.23	13.30	8.18	24.77	3.17	5.09	AMP
				346.20	119.67	261.42	330.04	358.01	.04	267.51	317.16	PHASE
127	2.85	110.62	605	69.14	11.69	17.94	10.29	7.21	19.19	1.39	6.59	AMP
				353.02	144.60	201.35	331.12	32.64	61.59	296.07	314.83	PHASE
128	1.53	113.24	607	73.34	9.52	16.10	6.17	3.26	6.10	6.73	5.00	AMP
				349.04	140.37	276.24	275.36	57.50	55.25	116.16	256.16	PHASE
129	19.44	16.85	608	4.63	.01	1.63	1.96	4.20	4.52	1.37	1.50	AMP
				279.24	106.79	274.57	16.93	13.67	169.93	315.25	167.07	PHASE
130	18.71	19.71	609	7.19	1.64	2.99	2.00	2.86	4.78	1.07	1.69	AMP
				289.70	111.46	277.72	17.38	32.75	222.10	347.90	175.54	PHASE
131	18.10	27.20	608	12.50	3.24	2.05	4.40	4.32	3.06	2.01	3.29	AMP
				307.03	100.57	266.54	.07	336.09	.02	350.43	156.56	PHASE
132	18.06	35.00	609	17.92	4.49	4.13	5.93	7.06	6.74	1.18	3.02	AMP
				321.35	110.09	217.44	343.65	330.60	28.15	160.84	124.11	PHASE
133	17.39	49.22	608	24.06	5.37	6.95	7.06	9.49	13.74	4.07	4.30	AMP
				330.04	116.11	227.69	350.65	356.75	39.15	230.67	130.33	PHASE
134	16.13	63.55	608	32.05	6.20	10.03	10.13	10.03	20.00	9.11	5.17	AMP
				339.06	115.98	237.20	346.27	4.77	44.66	263.13	116.05	PHASE
135	14.14	78.47	608	41.41	7.69	14.56	12.23	9.93	27.05	10.17	6.43	AMP
				339.90	105.92	230.25	329.25	352.70	27.49	254.03	70.44	PHASE
136	12.10	84.59	607	52.78	9.40	15.56	10.42	4.17	20.38	10.31	0.02	AMP
				345.64	110.52	230.30	338.39	25.18	41.65	316.36	00.20	PHASE
137	10.79	105.36	608	64.02	10.34	14.65	2.12	5.00	30.69	10.66	0.02	AMP
				352.72	117.61	245.49	10.32	153.92	50.51	69.47	06.66	PHASE
138	9.75	119.46	604	71.70	10.12	11.34	0.30	9.23	26.04	20.27	0.52	AMP
				354.55	117.54	232.22	131.20	156.36	55.76	05.42	61.01	PHASE
139	19.10	19.39	608	8.23	1.91	1.60	3.69	3.57	6.31	1.30	1.90	AMP
				313.34	109.03	250.70	20.10	326.22	300.20	44.70	134.54	PHASE
140	18.43	20.95	608	13.39	2.77	3.52	4.00	5.30	7.69	1.07	2.07	AMP
				324.45	111.40	214.15	3.99	332.03	345.05	122.05	123.54	PHASE
141	18.02	30.06	608	19.70	3.23	6.14	6.12	6.74	10.00	3.67	2.07	AMP
				335.75	120.23	224.39	5.74	354.10	16.60	200.00	90.21	PHASE
142	17.40	48.55	608	26.65	3.59	9.10	0.01	5.00	12.27	5.51	2.25	AMP
				341.41	124.17	230.24	.50	359.54	22.07	230.07	04.12	PHASE
143	16.30	56.51	608	35.52	3.03	12.00	10.55	4.07	17.43	5.02	2.95	AMP
				345.12	121.70	233.94	351.76	351.95	2.16	254.10	55.50	PHASE
144	14.43	69.00	609	45.52	4.33	16.20	12.33	2.99	26.17	4.25	3.31	AMP
				347.53	117.44	235.55	343.37	300.37	351.03	257.19	27.30	PHASE
145	11.01	82.09	606	50.31	5.73	10.20	11.56	4.65	26.94	1.20	5.51	AMP
				352.76	117.75	236.20	324.96	253.25	350.60	75.30	359.59	PHASE

TABLE VII.- Continued

(a) Continued

TORSION 5% PERCENT RADIUS											
RUN NO		7									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
108	5.27	4.38	608	3.27	.92	.30	.32	.55	.85	.16	.19
				338.78	99.48	34.65	217.92	278.74	386.16	232.78	59.58
109	3.53	4.49	608	3.38	.89	.21	.55	.69	.87	.13	.23
				348.83	93.66	28.45	213.95	249.58	278.87	223.41	42.79
110	2.82	4.92	607	3.41	.96	.18	.68	.71	.22	.19	.25
				353.84	91.97	51.85	228.15	258.27	299.21	328.56	55.93
111	.43	6.22	607	3.85	.99	.88	1.82	1.88	.38	.32	.29
				355.43	73.39	79.59	281.14	225.68	272.33	388.84	17.39
112	- .96	7.54	606	4.32	1.11	.28	1.38	1.36	.42	.39	.44
				1.98	71.19	147.89	289.77	236.25	297.46	319.29	36.38
113	-2.76	8.58	605	4.93	1.25	.46	1.78	1.42	.52	.52	.44
				3.16	63.83	153.81	288.24	235.82	293.35	316.48	16.56
114	-4.37	9.65	603	5.64	1.45	.87	2.14	1.35	.64	.55	.55
				18.48	73.26	173.75	219.91	265.38	333.53	2.55	66.18
115	-6.12	9.78	607	6.68	1.55	1.86	2.18	.92	.64	.67	.57
				6.29	62.65	173.59	286.91	254.63	297.81	299.83	4.54
116	-8.52	12.88	604	8.27	1.78	1.35	2.35	1.14	1.51	1.34	.78
				.89	52.63	193.55	222.56	273.29	287.47	382.83	337.49
117	-18.19	14.93	608	9.72	2.89	1.71	2.12	.97	1.14	1.88	.88
				1.28	57.13	215.69	251.47	339.27	388.84	313.94	351.28
118	-11.58	16.54	608	18.92	2.26	2.81	1.82	.74	1.34	1.97	1.33
				358.18	56.84	224.63	261.82	4.78	277.35	299.15	339.38
119	3.93	4.68	609	3.59	1.87	.29	.13	.49	.15	.16	.89
				331.17	181.86	36.35	232.98	318.68	328.21	244.58	88.85
120	2.33	4.63	608	3.54	1.88	.28	.13	.41	.14	.18	.14
				346.73	189.12	69.89	219.82	337.12	353.87	256.81	92.84
121	.71	4.49	608	3.68	1.86	.22	.38	.31	.18	.13	.26
				352.25	98.23	182.44	191.65	276.45	274.38	249.85	53.65
122	-.84	5.36	608	4.88	1.85	.32	.71	.38	.28	.12	.26
				353.89	83.78	121.73	184.78	231.85	238.34	255.59	14.44
123	-2.45	6.66	607	4.48	1.13	.68	1.12	.49	.36	.21	.23
				359.95	82.19	151.21	281.52	258.98	288.48	318.65	44.78
124	-4.17	7.57	606	5.88	1.24	.86	1.42	.34	.19	.19	.12
				5.49	83.65	178.92	221.72	256.52	288.57	291.58	78.84
125	-5.83	8.86	609	5.87	1.49	.99	1.56	.46	.33	.44	.22
				2.89	67.48	163.17	283.89	193.88	247.88	295.64	18.28
126	-7.88	11.88	608	7.11	1.58	.98	1.55	.68	.84	.78	.18
				3.15	68.62	212.81	233.55	221.12	295.71	337.25	37.87
127	-18.52	15.28	605	9.67	2.27	.98	1.72	1.24	1.94	1.94	.52
				1.87	56.98	227.24	272.35	323.12	2.85	45.45	112.36
128	-12.29	16.98	607	11.61	2.98	1.62	2.86	1.78	1.81	1.81	.56
				355.74	54.17	222.34	283.95	358.28	3.86	32.18	73.82
129	3.28	4.35	608	3.28	.82	.18	.48	.37	.15	.23	.13
				334.87	86.69	27.26	222.88	264.38	32.94	268.89	72.78
130	1.91	4.48	609	3.45	.78	.87	.62	.56	.19	.19	.18
				347.27	89.35	88.79	222.77	282.87	17.69	277.24	81.79
131	.38	5.15	608	3.82	.77	.15	.81	.78	.28	.23	.27
				354.95	88.48	141.18	215.53	275.33	336.34	382.52	71.88
132	-1.28	6.76	609	4.31	.89	.34	1.14	1.25	.51	.36	.47
				357.72	63.81	155.82	282.81	248.88	294.79	288.23	27.89
133	-2.78	8.85	608	4.89	.99	.68	1.55	1.65	.68	.34	.47
				3.48	68.73	165.31	287.84	257.48	311.82	384.78	38.92
134	-4.47	9.27	608	5.68	1.18	.93	2.88	1.98	.72	.38	.56
				6.99	58.68	169.17	286.58	261.84	386.28	313.88	25.18
135	-6.11	18.37	608	6.39	1.37	1.35	2.31	2.88	.89	.41	.63
				5.58	52.77	157.13	198.66	247.84	286.65	289.86	351.96
136	-7.93	11.35	607	7.57	1.55	1.61	2.18	2.81	1.12	.54	.77
				7.87	54.83	174.56	218.27	288.27	388.33	279.28	334.49
137	-18.13	14.67	608	9.41	1.84	1.98	1.94	2.15	1.37	1.88	1.23
				6.42	55.97	288.13	247.79	314.79	312.17	283.86	335.28
138	-11.38	15.81	604	18.54	1.94	2.84	1.98	2.87	1.78	1.69	1.71
				2.48	58.37	214.55	266.97	311.83	285.79	277.68	328.39
139	.72	4.21	608	3.44	.56	.11	.56	.44	.13	.11	.15
				352.53	88.78	88.43	213.47	269.93	15.79	263.42	64.29
140	-.87	4.96	608	3.81	.59	.18	.78	.65	.22	.12	.19
				356.73	64.45	122.71	284.28	253.14	315.82	264.45	28.87
141	-2.25	5.99	608	4.48	.64	.31	.95	.97	.31	.89	.21
				2.89	57.15	151.25	287.95	268.13	315.31	264.82	11.77
142	-3.86	7.84	608	5.83	1.76	.52	1.14	1.15	.38	.82	.24
				6.86	52.86	154.97	283.29	256.99	382.28	178.21	4.83
143	-5.61	8.85	608	5.78	.91	.82	1.36	1.26	.48	.18	.23
				8.11	58.82	155.52	194.69	252.66	288.78	123.42	338.82
144	-7.31	9.12	609	6.56	1.14	1.14	1.57	1.32	.65	.15	.38
				9.18	49.29	153.98	183.18	244.22	277.83	121.39	318.84
145	-8.94	18.22	606	7.56	1.36	1.48	1.63	1.27	.88	.18	.46
				9.89	49.25	158.59	177.97	242.96	268.18	212.74	387.43

TABLE VII.- Continued

(a) Continued

FLAPWISE 77 PERCENT RADIUS												
RUN NO 7												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
108	-3.61	16.83	688	9.11	4.13	1.52	1.63	1.95	.19	.58	1.84	AMP
				127.89	287.32	266.52	48.87	218.56	198.17	183.67	347.63	PHASE
109	-1.56	17.39	688	9.38	4.45	1.58	2.82	2.88	.29	.38	2.39	AMP
				133.46	288.94	382.96	41.97	193.38	182.86	173.86	347.28	PHASE
110	.85	18.87	687	9.32	5.29	2.13	2.35	1.54	.24	.32	1.68	AMP
				143.21	284.24	327.14	56.34	283.58	228.52	271.98	11.35	PHASE
111	1.73	28.88	687	9.98	5.82	2.78	2.82	1.98	.38	.62	1.94	AMP
				142.76	273.84	322.82	39.37	158.47	286.16	273.88	339.44	PHASE
112	3.32	23.52	686	18.62	6.48	3.41	2.96	2.94	.58	.85	2.59	AMP
				148.84	276.56	332.13	49.96	156.83	233.11	292.95	2.45	PHASE
113	5.38	25.47	685	11.61	7.86	4.07	4.99	2.93	.66	1.19	2.67	AMP
				147.98	271.41	334.86	43.94	153.92	235.57	288.11	348.28	PHASE
114	7.19	26.77	683	12.55	7.48	4.65	3.96	2.25	.94	.98	3.52	AMP
				154.22	282.59	355.77	68.97	182.64	269.11	341.74	43.36	PHASE
115	8.92	27.36	687	14.86	7.95	4.79	4.36	.77	1.44	.79	3.21	AMP
				158.78	276.66	345.85	49.62	186.99	233.26	256.27	7.44	PHASE
116	18.43	31.75	684	15.55	8.66	4.68	5.22	1.81	1.67	1.96	3.95	AMP
				158.66	288.54	348.92	37.65	356.97	238.78	281.14	339.28	PHASE
117	11.47	34.29	688	16.98	8.58	4.15	5.99	3.87	1.38	2.18	4.21	AMP
				152.81	286.96	352.93	47.62	15.45	251.35	299.78	5.88	PHASE
118	12.12	35.22	688	17.96	8.66	3.28	4.89	3.61	1.25	2.89	4.99	AMP
				148.98	284.88	347.28	38.97	28.24	241.17	295.68	334.25	PHASE
119	-4.88	15.84	689	9.94	5.28	1.48	8.81	1.93	.11	.55	.89	AMP
				127.59	283.58	273.18	35.88	234.23	148.56	179.88	4.16	PHASE
120	-2.99	17.83	688	9.85	6.17	1.43	1.12	1.59	.86	.37	1.34	AMP
				139.56	291.47	327.19	58.74	262.52	228.22	218.39	26.83	PHASE
121	-1.28	17.14	688	9.92	6.74	1.92	1.62	.98	.19	.26	1.69	AMP
				142.53	283.79	348.84	44.48	268.75	186.99	126.42	355.42	PHASE
122	.72	18.51	688	18.58	7.83	2.68	2.31	.48	.28	.86	1.84	AMP
				141.58	273.19	342.88	36.12	295.84	189.21	155.11	326.79	PHASE
123	2.69	19.86	687	11.15	7.28	3.42	2.89	1.15	.47	.47	1.17	AMP
				146.68	278.99	2.22	53.49	334.63	228.14	267.15	25.53	PHASE
124	4.87	21.13	686	11.98	7.56	3.52	3.42	1.84	.45	.75	1.35	AMP
				158.88	282.26	17.78	68.36	28.37	267.35	254.89	113.19	PHASE
125	6.87	23.28	689	12.95	7.58	3.75	3.99	2.34	.66	1.58	1.51	AMP
				146.98	272.38	1.12	54.85	33.56	258.28	247.62	185.87	PHASE
126	8.89	25.98	688	14.36	8.31	2.91	5.81	3.71	.82	1.72	1.44	AMP
				152.49	281.95	15.88	78.31	68.35	388.81	298.54	135.58	PHASE
127	18.67	28.46	685	15.31	8.68	2.27	5.15	3.64	.85	.61	2.38	AMP
				155.92	297.66	24.63	88.89	73.13	335.94	387.39	137.92	PHASE
128	11.72	31.78	687	18.88	8.33	2.84	5.92	5.83	.46	.73	2.67	AMP
				149.42	284.58	16.85	54.42	43.62	319.32	263.54	61.41	PHASE
129	-2.96	15.85	688	9.41	3.84	1.55	1.58	1.77	.17	.64	2.88	AMP
				128.68	288.77	294.24	54.81	217.32	182.92	192.97	355.88	PHASE
130	-1.19	17.85	689	9.67	4.37	2.11	1.84	2.47	.24	.45	2.35	AMP
				136.78	287.38	328.94	63.87	225.56	225.18	281.76	7.88	PHASE
131	.69	19.38	688	18.29	5.84	2.84	2.31	2.93	.25	.19	2.43	AMP
				141.35	283.74	332.62	61.18	212.36	236.28	169.81	359.98	PHASE
132	2.48	23.85	689	18.96	5.88	3.75	2.96	3.97	.58	.25	3.48	AMP
				142.43	274.15	332.45	46.83	177.89	228.18	327.98	328.25	PHASE
133	4.41	25.47	688	11.88	6.54	4.69	3.48	4.88	.55	.67	3.85	AMP
				147.57	275.91	342.76	56.56	178.39	242.88	346.13	335.97	PHASE
134	6.39	28.15	688	12.88	7.17	5.48	4.17	5.51	.76	.91	4.54	AMP
				158.69	274.69	349.56	59.81	179.93	238.87	357.15	333.96	PHASE
135	8.46	38.77	688	14.12	7.46	6.14	4.65	5.59	1.82	.85	4.95	AMP
				149.28	266.18	344.55	45.22	165.22	212.88	337.54	383.88	PHASE
136	18.33	31.28	687	15.41	8.89	6.38	4.96	4.48	1.85	.49	4.94	AMP
				152.42	269.18	351.18	45.91	176.68	221.18	336.43	388.58	PHASE
137	12.88	32.84	688	16.73	8.42	5.74	5.24	2.85	.86	1.28	5.74	AMP
				155.88	272.17	353.58	35.25	169.51	234.31	296.88	389.62	PHASE
138	12.68	33.76	684	17.13	8.53	4.59	5.83	1.83	.49	2.83	6.71	AMP
				153.83	271.39	337.31	15.89	113.39	284.61	298.62	295.48	PHASE
139	.66	14.78	688	9.39	3.73	2.24	1.57	1.98	.89	.42	1.49	AMP
				148.12	283.58	321.83	63.54	218.98	98.22	131.64	352.45	PHASE
140	2.46	16.39	688	9.92	4.39	2.98	1.91	2.17	.13	.23	1.71	AMP
				141.73	275.38	324.87	49.83	183.83	138.82	61.79	313.46	PHASE
141	4.44	18.49	688	18.76	5.85	3.73	2.25	3.82	.11	.49	1.95	AMP
				146.87	276.42	339.23	52.65	179.58	176.23	28.78	311.31	PHASE
142	6.48	28.32	688	11.78	5.67	4.68	2.48	3.63	.28	.87	1.99	AMP
				158.12	274.53	343.41	58.36	174.75	282.23	32.66	298.65	PHASE
143	8.59	23.86	688	12.86	6.25	5.58	2.67	4.11	.36	1.88	2.31	AMP
				152.63	271.72	344.81	46.68	173.73	223.82	34.19	271.18	PHASE
144	18.88	25.36	689	14.83	6.78	6.19	2.98	4.44	.66	1.38	2.91	AMP
				154.88	266.83	346.25	48.17	167.69	232.16	37.18	254.72	PHASE
145	12.92	27.36	686	15.65	7.31	6.19	3.57	4.34	.95	1.13	3.89	AMP
				155.82	263.54	345.48	33.27	168.92	227.72	28.69	253.66	PHASE

TABLE VII.- Continued

(a) Continued

CHORDWISE 77 PERCENT RADIUS											
RUN NO 7											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
108	16.21	12.69	608	3.90	2.18	1.42	1.44	.55	1.58	.23	.77 AMP
				153.46	285.91	269.92	27.93	389.59	216.86	289.68	337.86 PHASE
109	16.98	14.35	608	3.57	1.94	1.81	1.91	.44	2.88	.17	1.21 AMP
				172.95	279.45	289.81	19.65	53.36	287.82	116.55	346.65 PHASE
110	18.79	12.58	607	2.82	1.85	1.78	2.34	1.35	1.14	.94	.84 AMP
				195.56	285.83	318.88	22.23	321.67	277.88	346.78	52.58 PHASE
111	20.34	14.94	607	2.38	1.48	1.73	3.83	1.85	1.78	1.85	.97 AMP
				216.47	271.98	292.66	357.87	358.48	336.52	343.74	18.71 PHASE
112	21.86	19.36	606	2.35	1.35	2.29	3.59	2.12	2.21	2.69	1.18 AMP
				244.49	278.89	291.59	4.41	29.93	28.81	358.94	21.58 PHASE
113	21.97	21.25	605	2.84	1.89	2.98	4.44	3.87	5.13	1.99	1.88 AMP
				278.28	261.12	275.21	344.87	23.86	37.18	246.88	341.74 PHASE
114	22.43	25.95	603	4.12	.73	3.96	5.39	3.88	6.69	3.36	3.84 AMP
				384.23	267.42	285.52	359.13	47.73	88.97	287.99	29.97 PHASE
115	22.52	27.92	607	6.31	.72	5.64	6.95	3.49	4.66	4.45	2.66 AMP
				314.84	266.61	268.22	333.29	359.92	29.54	271.63	9.28 PHASE
116	21.94	47.22	604	8.62	.94	7.88	7.66	5.29	11.18	2.96	2.56 AMP
				328.68	281.82	264.88	336.27	357.18	13.88	335.73	358.13 PHASE
117	21.27	48.11	608	1.88	.86	6.96	6.58	5.25	14.13	2.78	3.13 AMP
				337.49	284.78	274.42	358.97	31.86	37.64	56.18	27.68 PHASE
118	28.85	58.49	608	11.86	1.36	6.82	4.11	4.87	15.62	4.53	2.35 AMP
				337.62	253.23	263.58	346.68	58.61	43.28	85.15	4.51 PHASE
119	18.98	11.98	609	4.65	2.52	1.47	.78	1.87	.86	.86	.24 AMP
				163.87	284.23	256.78	28.84	254.34	168.35	171.86	33.27 PHASE
120	12.78	12.83	608	3.84	2.51	1.54	.93	1.17	2.91	1.57	.78 AMP
				188.98	294.93	314.24	58.25	268.99	385.52	282.32	68.88 PHASE
121	14.38	15.89	608	3.32	1.96	1.58	1.43	1.37	4.86	4.33	.52 AMP
				288.91	283.35	338.78	24.56	283.36	324.16	48.12	39.45 PHASE
122	15.88	17.39	608	2.92	1.38	1.25	2.19	2.17	4.36	1.66	.88 AMP
				232.84	259.54	328.22	387.87	384.86	323.86	48.89	318.66 PHASE
123	17.28	19.21	607	2.87	.72	1.58	3.18	3.52	5.11	1.35	1.28 AMP
				268.52	232.64	316.51	2.81	342.97	348.36	112.93	351.45 PHASE
124	18.11	21.84	606	4.18	.71	2.36	4.85	4.18	4.99	2.18	1.59 AMP
				383.99	288.57	295.72	1.91	14.48	354.57	244.21	21.13 PHASE
125	18.66	29.95	609	6.81	.61	4.88	5.37	4.59	7.83	2.28	1.25 AMP
				312.19	174.75	273.44	335.56	348.96	327.11	253.27	349.73 PHASE
126	18.87	37.76	608	8.59	.55	5.51	6.84	6.44	18.94	1.53	.88 AMP
				327.26	268.89	279.66	349.78	17.44	358.34	291.98	338.88 PHASE
127	19.33	43.57	605	11.12	1.78	6.35	5.25	6.51	8.84	1.16	.88 AMP
				337.22	323.22	289.79	1.15	46.86	57.38	132.79	278.83 PHASE
128	18.39	42.72	607	12.99	1.17	6.47	4.22	6.52	18.81	3.37	.21 AMP
				337.59	313.54	271.32	337.92	35.21	58.63	186.96	381.91 PHASE
129	11.34	12.19	608	4.83	2.83	1.58	1.53	.66	1.83	.52	.72 AMP
				144.57	285.63	295.36	38.31	318.61	165.76	249.78	8.15 PHASE
130	11.78	13.51	609	3.63	2.83	2.21	2.84	.68	2.86	.24	.91 AMP
				162.84	286.32	386.93	37.87	236.31	215.13	273.95	28.63 PHASE
131	13.21	11.85	608	2.68	1.81	2.48	2.73	1.48	1.22	.57	.77 AMP
				184.53	284.81	316.33	24.65	259.41	353.48	342.88	59.24 PHASE
132	15.48	15.65	609	1.74	1.68	2.65	3.66	.58	2.35	.69	.99 AMP
				288.18	269.82	388.92	6.17	286.21	32.67	159.85	4.58 PHASE
133	17.11	17.97	608	1.68	1.61	3.54	4.58	.69	5.12	1.83	1.13 AMP
				256.41	268.85	388.58	9.88	47.39	48.29	221.87	8.92 PHASE
134	18.77	21.97	608	2.41	1.48	4.57	5.61	1.41	7.75	3.84	.77 AMP
				297.12	265.43	295.14	6.86	53.75	46.42	253.48	5.73 PHASE
135	19.84	28.45	608	3.98	1.84	5.55	6.55	1.68	11.83	4.11	2.87 AMP
				389.38	258.24	281.14	348.84	45.11	27.66	243.38	348.33 PHASE
136	28.98	32.56	607	6.24	.48	6.21	6.62	2.85	11.43	3.95	2.58 AMP
				325.57	238.78	277.49	354.87	91.56	43.21	384.78	1.42 PHASE
137	21.68	39.98	608	9.82	.62	6.42	5.84	3.68	12.41	4.23	2.78 AMP
				338.38	159.69	272.66	6.62	119.98	58.98	58.98	11.29 PHASE
138	21.67	44.73	604	18.35	.99	6.75	2.74	4.62	11.26	7.73	3.93 AMP
				343.88	181.45	252.48	13.53	114.99	56.66	75.18	339.41 PHASE
139	13.87	18.95	608	2.76	1.65	2.88	2.22	1.28	2.38	.64	.75 AMP
				162.16	284.24	387.28	35.87	266.87	293.15	68.79	48.39 PHASE
140	14.54	11.32	608	1.63	1.61	2.23	2.86	.86	2.86	1.81	.31 AMP
				179.91	273.47	297.13	18.76	281.69	341.29	188.88	3.35 PHASE
141	16.22	13.99	608	.87	1.67	2.89	3.68	4.48	3.78	1.41	.72 AMP
				237.86	274.93	297.48	18.77	353.38	13.94	197.61	344.21 PHASE
142	17.87	14.81	608	1.68	1.77	3.95	4.37	.59	4.68	2.88	.73 AMP
				297.81	273.66	293.54	11.59	92.58	21.53	228.28	332.55 PHASE
143	19.63	28.31	608	3.14	1.76	5.18	5.48	.91	6.51	1.97	.92 AMP
				313.71	277.49	287.87	2.57	135.88	359.47	248.83	386.44 PHASE
144	28.79	26.97	609	4.98	1.66	6.12	6.28	1.33	9.91	1.14	1.56 AMP
				321.59	278.78	281.88	352.86	168.68	346.88	273.28	288.94 PHASE
145	21.98	31.47	606	7.11	1.45	6.67	6.11	1.98	18.25	1.15	2.82 AMP
				333.19	277.42	272.85	348.76	178.57	355.38	59.84	296.87 PHASE

TABLE VII.- Continued

(a) Continued

TORSION 75 PERCENT RADIUS												
PT NO	RUN NO 7			S								
	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
108	1.07	3.46	608	2.85	.93	.29	.21	.29	.86	.16	.18	AMP
				315.99	98.52	47.24	244.57	278.18	24.82	343.83	149.43	PHASE
109	.34	3.54	608	2.84	.89	.19	.34	.37	.88	.13	.27	AMP
				329.63	97.57	48.86	231.15	262.51	7.18	9.77	141.52	PHASE
110	-1.05	3.53	607	2.18	.99	.17	.38	.32	.18	.14	.17	AMP
				348.59	99.82	66.71	238.84	272.94	2.77	37.19	146.67	PHASE
111	-2.48	4.21	607	2.47	.86	.12	.57	.48	.12	.16	.21	AMP
				352.87	86.42	78.97	218.49	237.43	324.24	8.25	113.87	PHASE
112	-3.69	4.93	606	2.86	.87	.21	.76	.68	.28	.17	.25	AMP
				.68	86.64	123.54	216.96	244.44	333.47	31.32	141.88	PHASE
113	-5.29	6.04	605	3.38	.95	.36	1.01	.81	.38	.24	.33	AMP
				3.27	88.14	138.12	282.15	239.76	328.55	24.64	123.22	PHASE
114	-6.65	7.01	603	3.88	.99	.68	1.24	.84	.27	.49	.49	AMP
				11.32	93.22	158.34	216.98	263.22	351.93	68.22	172.77	PHASE
115	-8.11	7.66	607	4.57	1.84	.78	1.38	.66	.33	.15	.52	AMP
				8.79	92.68	148.46	198.64	243.38	341.35	51.88	156.59	PHASE
116	-9.66	9.09	604	5.52	1.82	.85	1.52	.69	.52	.22	.37	AMP
				5.87	95.86	155.16	284.65	238.52	285.28	384.77	134.99	PHASE
117	-10.64	9.67	608	6.19	1.16	1.82	1.62	.55	.46	.24	.35	AMP
				6.98	182.84	166.82	219.41	264.76	299.87	275.33	192.66	PHASE
118	-11.15	10.37	608	6.57	1.88	.89	1.52	.48	.36	.61	.15	AMP
				3.37	96.63	161.74	215.53	262.28	263.47	244.42	221.85	PHASE
119	.92	3.64	609	2.29	1.17	.26	.16	.29	.11	.17	.88	AMP
				316.93	95.89	28.53	292.61	321.14	358.83	341.48	184.78	PHASE
120	- .53	3.53	608	2.23	1.18	.16	.14	.25	.14	.89	.11	AMP
				336.88	186.91	37.14	291.52	346.77	14.21	5.81	193.81	PHASE
121	-2.88	3.53	608	2.35	1.16	.87	.19	.16	.14	.11	.11	AMP
				346.35	99.89	48.31	248.28	388.98	339.94	387.48	135.59	PHASE
122	-3.44	3.94	608	2.64	1.89	.88	.38	.21	.15	.12	.15	AMP
				349.15	87.37	121.19	287.18	248.64	293.84	283.63	112.64	PHASE
123	-4.86	4.91	607	2.98	1.82	.22	.55	.25	.25	.15	.11	AMP
				357.98	98.55	165.73	213.45	253.36	312.46	346.68	139.32	PHASE
124	-6.34	6.33	606	3.42	.99	.48	.88	.38	.23	.11	.14	AMP
				5.38	94.75	183.15	223.85	262.38	353.36	63.35	248.71	PHASE
125	-7.68	6.64	609	3.88	1.81	.52	.91	.31	.88	.85	.85	AMP
				4.68	85.81	161.86	281.43	287.78	336.64	46.99	275.12	PHASE
126	-8.93	7.55	608	4.52	1.89	.59	1.12	.66	.34	.87	.18	AMP
				11.55	183.22	183.85	216.73	283.21	247.31	357.87	251.28	PHASE
127	-10.55	9.84	605	5.93	1.29	.78	1.35	.88	.83	.55	.22	AMP
				11.85	186.66	183.68	246.28	275.35	331.55	19.89	338.89	PHASE
128	-11.38	10.73	607	6.58	1.32	.72	1.38	.67	.88	.46	.27	AMP
				3.78	87.88	172.17	237.42	291.46	329.29	355.19	259.25	PHASE
129	.78	3.47	608	2.81	.84	.23	.29	.24	.13	.19	.21	AMP
				317.24	93.88	64.33	247.55	262.43	64.13	359.98	158.14	PHASE
130	- .56	3.54	609	2.84	.82	.18	.48	.31	.16	.15	.25	AMP
				334.84	188.44	93.85	246.16	284.89	61.56	18.32	166.48	PHASE
131	-1.94	3.87	608	2.38	.77	.18	.51	.48	.16	.13	.27	AMP
				347.79	98.37	111.79	235.79	279.48	36.46	6.81	148.87	PHASE
132	-3.37	4.98	609	2.67	.76	.27	.77	.63	.28	.13	.36	AMP
				353.98	85.28	128.55	215.37	251.29	342.78	335.66	185.52	PHASE
133	-4.88	5.86	608	3.13	.78	.44	.99	.85	.31	.88	.43	AMP
				1.62	83.15	144.83	215.53	258.35	348.45	3.66	122.81	PHASE
134	-6.32	6.81	608	3.72	.85	.63	1.38	1.85	.41	.18	.54	AMP
				6.37	88.85	154.34	211.25	268.47	341.85	7.36	124.21	PHASE
135	-7.75	7.82	608	4.33	.89	.85	1.52	1.12	.58	.14	.59	AMP
				5.53	74.87	146.41	192.74	241.88	313.42	324.53	93.85	PHASE
136	-9.28	8.98	607	5.28	.86	.89	1.54	1.11	.78	.14	.52	AMP
				6.82	75.81	159.49	287.14	269.44	334.84	336.87	188.59	PHASE
137	-10.94	9.98	608	6.36	.81	.86	1.49	1.22	.77	.18	.32	AMP
				6.87	72.83	177.84	228.88	382.82	348.23	261.69	181.44	PHASE
138	-11.63	10.21	604	6.85	.74	.61	1.44	1.48	.88	.32	.26	AMP
				1.83	59.48	176.67	238.48	297.33	322.55	248.28	81.58	PHASE
139	-1.55	2.96	608	1.98	.68	.14	.34	.21	.89	.88	.15	AMP
				344.88	97.89	188.57	234.31	271.42	49.64	346.21	141.74	PHASE
140	-2.88	3.28	609	2.24	.55	.17	.46	.38	.11	.85	.18	AMP
				352.82	87.62	116.11	217.46	254.78	345.73	384.14	92.78	PHASE
141	-4.22	4.85	608	2.72	.54	.26	.63	.45	.28	.83	.24	AMP
				1.38	83.88	142.73	215.81	268.83	336.81	282.34	96.17	PHASE
142	-5.68	4.73	608	3.24	.59	.41	.78	.55	.28	.86	.26	AMP
				5.85	78.36	146.86	287.11	258.27	324.76	222.66	92.85	PHASE
143	-7.27	5.58	608	3.89	.66	.61	.98	.68	.34	.11	.38	AMP
				8.45	75.37	147.61	197.98	253.78	313.68	284.97	75.85	PHASE
144	-8.79	6.37	609	4.55	.75	.79	1.16	.59	.36	.19	.35	AMP
				9.71	78.82	146.41	186.68	242.49	298.91	211.96	59.43	PHASE
145	-10.15	7.38	606	5.27	.73	.84	1.24	.55	.42	.26	.36	AMP
				18.14	71.42	146.84	178.58	235.96	286.44	226.26	58.68	PHASE

TABLE VII.- Continued

(a) Concluded

PITCH LINK											
RUN NO		7									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
108	-4.68	5.62	608	4.14	.84	.38	.41	.57	.29	.47	.37
109	-3.84	5.98	608	162.97	282.43	244.02	21.48	112.07	76.60	30.67	170.45
110	-1.77	7.81	607	4.40	.84	.19	.73	.79	.35	.44	.61
111	-.37	9.20	607	177.57	268.20	232.23	24.95	78.22	62.52	32.33	158.00
112	.87	10.79	606	4.90	1.04	.39	.97	.88	.54	.44	.42
113	2.47	12.38	605	181.23	260.56	248.93	29.34	78.09	86.14	93.52	174.06
114	4.04	15.05	603	5.74	1.25	.43	1.40	1.40	.77	.51	.51
115	5.90	17.19	607	182.02	241.53	265.72	15.32	49.79	69.85	84.57	135.79
116	8.26	21.73	604	6.56	1.49	.57	1.72	1.96	.81	.72	.72
117	9.90	26.51	608	190.18	24.24	307.74	24.98	67.00	87.04	103.46	169.12
118	11.07	31.05	608	7.80	1.92	1.04	2.23	1.98	.85	.81	.93
119	-4.78	6.61	609	190.16	235.31	317.29	22.49	64.34	82.05	100.50	151.32
120	-3.27	6.73	608	9.49	2.40	1.75	2.82	1.95	.70	.00	1.28
121	-1.72	7.26	608	195.70	243.35	350.18	49.43	95.95	130.09	145.16	199.37
122	-.18	8.77	608	11.57	2.69	2.43	2.81	1.35	1.07	1.28	1.61
123	1.47	11.03	607	191.47	237.65	7.24	45.83	75.81	84.69	114.52	165.01
124	3.52	14.33	606	14.93	2.59	3.11	2.78	2.00	2.09	2.16	1.88
125	5.42	16.48	609	188.39	235.19	26.47	51.92	59.07	104.03	118.64	125.36
126	7.76	19.34	608	17.16	2.82	3.59	2.68	1.25	1.53	2.18	2.18
127	10.64	28.18	605	188.60	235.67	43.43	74.81	73.85	138.24	125.45	146.25
128	12.44	31.52	607	19.00	3.12	4.25	2.25	.91	1.40	3.13	3.13
129	-3.49	5.66	608	186.31	232.43	43.13	79.95	30.68	100.25	113.95	132.62
130	-2.26	6.10	609	4.51	.85	.48	.12	.59	.28	.44	.10
131	-.95	7.10	608	170.10	287.27	269.22	11.96	150.65	100.20	30.01	233.34
132	.46	9.28	609	4.76	.95	.55	.23	.42	.27	.44	.23
133	1.94	11.07	608	179.33	284.58	203.86	15.04	165.75	137.07	61.07	220.92
134	3.46	12.51	608	5.36	1.14	.75	.59	.42	.29	.24	.24
135	5.08	15.65	608	182.06	267.68	285.07	5.81	78.07	87.67	22.75	181.15
136	6.96	19.82	607	6.15	1.45	.91	.99	.60	.34	.13	.39
137	9.13	25.30	608	181.32	253.91	298.28	13.77	47.41	52.88	330.42	151.37
138	10.29	27.70	604	7.51	1.83	1.00	1.51	.64	.33	.15	.30
139	-0.86	5.42	608	185.20	256.28	325.56	36.67	64.57	96.53	63.26	219.78
140	.36	6.54	608	9.37	2.14	1.63	1.69	.52	.45	.55	.57
141	1.74	8.12	608	109.46	264.86	6.00	71.53	30.01	44.26	93.33	292.34
142	3.10	9.35	608	11.39	2.48	1.66	1.60	1.38	.92	1.00	.57
143	4.63	11.54	608	186.11	255.05	5.00	51.20	3.82	50.12	90.29	291.13
144	6.20	13.97	609	14.10	2.20	1.92	1.51	2.41	1.50	1.29	.31
145	7.99	17.00	606	189.32	256.50	54.64	60.45	40.67	115.64	123.03	2.03
				17.91	2.57	2.31	2.77	2.73	2.62	1.50	1.04
				190.03	243.25	69.94	85.90	99.27	182.55	204.62	294.59
				20.63	3.21	3.03	2.06	1.61	2.76	1.01	1.24
				183.40	235.17	54.18	95.31	107.76	191.77	188.78	224.08
				4.03	.65	.12	.54	.47	.18	.56	.45
				171.66	259.00	240.05	40.68	112.07	133.40	40.00	162.74
				4.53	.61	.12	.75	.73	.36	.49	.59
				182.65	259.00	252.07	30.04	123.14	130.04	67.78	171.30
				4.06	.69	.16	1.05	1.15	.62	.35	.63
				189.46	246.45	307.30	30.51	111.59	123.30	88.21	160.90
				5.06	1.06	.43	1.36	1.03	.96	.43	.07
				186.83	224.68	329.69	15.34	85.07	97.87	96.52	133.50
				6.90	1.17	.02	1.87	2.38	1.00	.60	1.21
				192.04	229.11	350.89	23.98	96.66	107.38	121.72	140.57
				8.23	1.47	1.48	2.34	2.75	1.33	.61	1.60
				194.43	229.75	347.58	24.63	99.87	104.00	133.21	149.12
				9.03	2.05	2.31	2.81	3.02	1.55	.63	1.89
				193.15	225.94	335.52	12.18	85.12	86.64	116.03	119.30
				12.24	2.67	3.14	2.68	3.11	1.65	.77	2.35
				195.27	231.44	357.11	33.63	107.17	106.10	114.92	123.91
				15.70	3.21	4.07	2.25	3.04	1.77	1.38	3.00
				195.13	235.56	10.51	60.60	122.72	119.45	116.97	126.42
				17.93	3.46	4.09	1.71	2.52	1.97	2.35	4.05
				191.04	226.89	22.24	73.67	107.70	94.48	102.21	114.56
				4.21	.45	.00	.71	.72	.22	.24	.37
				188.77	241.82	207.67	30.49	112.42	110.16	20.92	152.90
				5.02	.55	.14	.82	1.00	.39	.13	.42
				189.27	225.02	320.26	22.02	90.01	101.07	76.46	110.30
				5.99	.64	.02	1.06	1.55	.42	.13	.57
				194.21	216.28	342.43	25.45	98.13	105.96	133.25	114.10
				7.07	.87	.07	1.25	1.83	.56	.22	.65
				196.00	216.43	341.48	22.12	95.43	92.68	205.49	100.10
				8.44	1.30	1.41	1.47	2.06	.76	.40	.70
				196.83	214.07	343.22	14.94	90.27	82.70	214.55	84.10
				10.17	1.72	1.98	1.67	2.32	1.06	.60	1.05
				197.15	218.00	345.96	3.19	80.73	79.97	218.18	76.04
				12.87	2.19	2.64	1.93	2.64	1.30	.58	1.34
				197.07	225.72	351.72	357.19	73.93	76.85	193.98	80.96

TABLE VII.- Continued

(b) $\mu = 0.30$; $M_T = 0.62$

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CQ/SIGMA
156	-0.8	4.0	4.0	.02478	-.00321	.00257
157	-1.1	5.4	6.0	.03561	-.00538	.00340
158	-1.4	6.6	8.0	.04716	-.00772	.00429
159	-1.9	7.6	10.1	.05977	-.01026	.00530
160	-2.5	8.2	11.9	.07070	-.01237	.00629
161	-3.2	9.2	13.8	.08076	-.01462	.00742
162	-3.3	9.8	15.1	.08819	-.01604	.00821
163	-3.7	10.3	15.9	.09181	-.01696	.00891
164	-.7	4.4	2.0	.02788	-.00162	.00210
165	-1.3	5.2	4.0	.04109	-.00284	.00261
166	-1.4	6.5	5.9	.05173	-.00408	.00322
167	-1.7	7.4	8.1	.06524	-.00536	.00397
168	-2.3	8.2	9.8	.07489	-.00666	.00464
169	-3.1	9.2	11.9	.08664	-.00843	.00568
170	-3.6	10.5	14.0	.09640	-.01019	.00705
171	-3.8	10.8	14.9	.10130	-.01067	.00764
172	-4.3	11.5	16.0	.10493	-.01168	.00862
173	-1.1	3.9	.1	.03363	.00075	.00139
174	-1.4	5.2	2.2	.04621	.00045	.00167
175	-1.6	6.2	3.9	.05648	.00023	.00198
176	-2.0	6.9	6.0	.06989	.00009	.00242
177	-2.4	8.1	8.0	.08046	-.00052	.00312
179	-2.8	9.0	9.9	.09113	-.00090	.00390
180	-3.4	10.0	11.8	.10154	-.00157	.00492
181	-4.3	11.2	13.8	.10853	-.00299	.00648
182	-4.8	12.3	15.0	.11038	-.00428	.00779

TABLE VII.- Continued

(b) Continued

FLAPWISE 25 PERCENT RADIUS												
PT NO	RUN NO		RPM	B								
	MEAN	1/2 P-P		1P	2P	3P	4P	5P	6P	7P	8P	
156	48.28	11.89	595	3.42	2.69	2.78	.57	3.99	1.81	.89	.95	AMP
157	49.68	11.46	594	147.73	314.19	344.14	18.34	45.35	388.68	232.98	27.28	PHASE
				3.95	2.78	3.31	.73	3.81	.94	.77	.73	AMP
158	51.16	12.81	595	138.17	313.58	341.44	338.89	26.83	267.56	211.39	338.28	PHASE
				4.42	3.13	3.54	.81	3.96	.75	.88	.87	AMP
159	52.71	12.52	595	133.75	321.15	346.15	322.83	28.33	277.33	227.78	335.22	PHASE
				4.84	3.48	3.65	1.13	4.38	.82	.66	.66	AMP
160	54.89	12.82	594	125.64	338.41	351.88	315.88	35.86	256.92	289.98	341.18	PHASE
				5.19	3.71	3.72	1.38	4.29	.82	.69	.53	AMP
161	55.37	13.53	594	118.56	348.47	328.92	323.92	57.64	268.12	288.57	354.86	PHASE
				5.88	3.84	3.61	1.76	4.26	.91	.86	.22	AMP
162	56.19	13.63	594	186.83	342.68	351.93	311.75	68.18	238.41	198.92	324.42	PHASE
				6.48	3.99	3.39	1.88	3.77	.93	1.88	.67	AMP
163	56.73	13.64	594	95.24	341.42	337.14	292.25	48.97	286.68	166.96	264.14	PHASE
				6.91	4.85	3.14	2.88	3.67	1.14	1.18	.48	AMP
164	47.69	13.45	596	88.82	344.16	332.38	283.84	51.61	195.34	162.21	263.47	PHASE
				4.37	3.33	1.98	.38	4.38	1.21	1.46	1.47	AMP
165	49.14	13.36	595	145.58	311.72	343.14	1.87	56.37	288.66	212.49	31.44	PHASE
				4.54	3.68	2.68	.51	3.97	1.18	1.47	1.88	AMP
166	58.59	13.62	595	146.66	328.52	1.42	345.35	81.98	299.98	241.61	58.24	PHASE
				4.89	3.76	2.98	.68	3.75	1.14	1.72	.66	AMP
167	52.84	13.58	595	144.52	326.83	18.26	317.34	88.31	385.54	244.45	52.78	PHASE
				5.18	3.98	3.87	.78	3.89	1.18	1.97	.82	AMP
168	53.16	13.24	594	136.15	325.86	5.75	291.64	65.41	277.75	225.82	19.79	PHASE
				5.26	4.88	3.87	.94	3.89	1.17	1.91	.49	AMP
169	54.52	13.14	595	126.98	328.42	5.55	285.99	67.39	259.95	222.94	39.12	PHASE
				5.62	3.84	2.96	1.12	3.93	1.18	1.91	.23	AMP
170	55.67	13.98	595	116.33	337.82	9.66	274.11	82.44	252.86	225.13	78.92	PHASE
				6.27	4.82	2.78	1.61	3.78	1.58	2.25	.46	AMP
171	56.11	15.77	595	99.15	344.88	353.39	253.76	86.23	216.82	199.19	152.69	PHASE
				6.63	4.36	2.88	1.91	3.68	1.92	2.72	1.84	AMP
172	56.49	18.84	595	89.24	344.18	338.42	238.81	181.81	282.52	196.21	158.44	PHASE
				7.55	4.87	2.78	2.68	3.27	2.45	3.84	1.12	AMP
173	47.89	13.75	595	77.86	358.32	317.46	233.35	118.95	195.54	194.12	155.88	PHASE
				5.15	3.72	1.32	.75	5.12	1.58	1.51	.63	AMP
174	48.59	13.94	595	147.88	316.86	12.96	59.57	74.27	333.88	255.93	93.12	PHASE
				5.64	3.95	2.25	.74	5.28	1.13	1.69	.48	AMP
175	49.74	13.38	594	142.48	389.71	11.36	47.83	59.88	383.77	233.88	142.52	PHASE
				5.86	4.16	2.52	.66	4.92	1.85	1.64	.36	AMP
176	51.82	12.62	595	141.54	311.93	19.26	61.54	63.45	385.42	235.18	176.62	PHASE
				5.81	4.29	2.63	.45	4.57	1.88	1.87	.67	AMP
177	52.16	12.57	594	137.65	318.28	29.66	78.52	65.39	292.98	252.22	196.98	PHASE
				6.85	4.44	2.65	.33	4.12	1.86	1.75	1.24	AMP
179	53.17	12.88	596	131.46	322.35	28.91	97.95	79.47	266.22	251.43	188.87	PHASE
				6.14	4.67	2.71	.14	2.92	1.38	2.88	.49	AMP
180	54.83	16.86	595	121.15	322.92	23.74	188.17	76.82	236.62	236.61	169.58	PHASE
				6.42	4.91	2.29	.34	1.28	2.19	2.44	3.66	AMP
181	54.77	28.55	595	185.65	327.18	9.18	268.81	58.82	217.21	228.82	163.86	PHASE
				7.13	5.48	2.33	1.42	1.45	2.85	2.86	4.17	AMP
182	55.84	28.61	594	87.84	334.67	313.85	256.28	252.12	213.85	213.84	175.48	PHASE
				8.28	6.28	3.85	2.84	1.52	2.13	2.12	3.49	AMP
				75.84	341.97	281.45	245.92	255.44	219.43	213.78	198.78	PHASE

TABLE VII.- Continued

(b) Continued

CHORDWISE 25 PERCENT RADIUS												
RUN NO 8												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
156	46.81	28.99	595	6.46	1.94	3.53	3.18	1.87	7.48	1.88	.56	AMP
				382.88	119.87	217.71	58.75	354.29	327.54	313.88	98.83	PHASE
157	46.98	33.45	594	16.27	8.89	7.67	3.86	4.46	7.55	.88	.44	AMP
				323.82	116.34	185.18	18.59	318.84	329.87	345.24	52.56	PHASE
158	48.85	48.22	595	28.21	5.88	13.68	5.75	4.38	6.63	1.86	.75	AMP
				339.26	123.44	195.42	14.28	319.15	333.28	232.16	55.31	PHASE
159	48.64	78.57	595	41.47	5.97	19.55	7.52	3.99	6.94	2.41	1.87	AMP
				348.16	133.19	218.94	17.89	321.82	331.88	279.68	63.86	PHASE
168	48.48	87.49	594	53.86	6.89	24.78	8.64	3.43	7.77	4.14	1.23	AMP
				356.78	143.38	229.71	27.35	325.82	358.24	322.18	86.72	PHASE
161	48.28	184.21	594	67.33	7.11	38.58	18.18	3.88	8.82	5.15	1.44	AMP
				357.32	141.83	238.98	11.66	281.18	352.89	329.81	88.62	PHASE
162	47.68	121.35	594	82.33	7.65	34.18	11.64	5.25	8.68	5.31	1.51	AMP
				356.97	142.67	226.11	35.15	229.38	328.18	322.73	56.31	PHASE
163	47.57	128.42	594	98.29	8.21	35.57	12.96	6.42	18.16	5.45	1.78	AMP
				356.68	148.28	225.68	337.96	228.45	332.66	327.56	55.29	PHASE
164	43.11	21.61	596	18.17	3.21	4.96	2.58	1.97	5.31	1.57	.75	AMP
				279.71	187.53	237.58	54.85	11.61	281.46	331.44	93.31	PHASE
165	43.15	38.89	595	17.84	6.37	5.59	2.11	4.87	4.58	2.41	.66	AMP
				388.19	118.58	228.77	25.84	321.14	13.38	11.75	113.75	PHASE
166	43.87	44.85	595	29.65	8.52	11.85	4.21	6.25	2.18	1.33	.74	AMP
				328.74	129.11	211.84	19.32	344.61	324.36	42.39	185.48	PHASE
167	42.61	67.33	595	42.57	18.82	16.54	5.81	5.49	4.69	2.41	1.21	AMP
				339.21	129.14	214.51	28.67	352.16	316.53	311.55	85.89	PHASE
168	41.84	81.17	594	52.17	18.62	28.82	6.28	5.92	6.12	4.22	1.22	AMP
				343.55	132.83	221.86	28.29	358.94	338.45	321.37	84.65	PHASE
169	41.89	97.28	595	65.46	11.88	24.96	7.15	6.58	8.19	5.97	1.22	AMP
				349.25	135.25	233.99	33.18	354.38	.83	336.28	97.88	PHASE
178	48.37	119.45	595	84.95	18.54	29.38	8.83	5.47	8.14	6.96	.83	AMP
				351.66	131.87	233.61	11.28	341.38	359.73	329.87	54.28	PHASE
171	48.27	127.59	595	94.89	18.88	38.52	8.82	6.85	9.17	5.75	.34	AMP
				355.24	137.22	236.78	4.88	385.84	352.81	346.78	48.58	PHASE
172	41.28	138.71	595	187.85	18.82	31.73	8.81	8.65	13.61	5.29	.38	AMP
				357.53	141.19	232.36	343.53	284.18	347.22	354.18	24.74	PHASE
173	48.49	29.83	595	15.34	3.46	5.57	2.78	3.82	5.35	.96	.63	AMP
				273.19	111.83	262.28	66.83	35.35	284.47	26.28	96.21	PHASE
174	39.37	39.99	595	24.29	6.68	5.64	1.48	3.41	8.48	2.28	.68	AMP
				295.32	186.11	248.13	38.85	387.94	316.22	342.83	88.54	PHASE
175	38.42	45.38	594	32.77	8.96	6.94	3.48	6.41	5.81	2.61	.71	AMP
				318.39	116.68	222.45	6.59	318.84	316.78	8.47	56.87	PHASE
176	37.88	54.21	595	43.19	11.17	11.86	5.88	6.69	6.72	3.81	1.11	AMP
				327.13	124.96	222.97	38.82	344.31	326.68	9.15	54.62	PHASE
177	35.43	69.18	594	54.46	11.99	16.86	6.44	6.71	8.87	5.42	1.11	AMP
				335.19	128.32	231.33	35.97	354.37	1.52	354.81	63.58	PHASE
179	33.63	88.85	596	65.97	13.85	19.64	6.19	8.81	12.62	6.85	.99	AMP
				341.24	138.33	234.87	29.58	353.18	6.49	331.84	6.65	PHASE
188	32.59	112.41	595	79.88	14.31	22.82	7.26	8.64	15.53	9.14	1.88	AMP
				348.89	138.48	234.97	15.57	348.96	6.16	316.51	333.98	PHASE
181	34.28	129.62	595	95.71	14.18	27.29	7.41	4.87	12.37	7.17	2.81	AMP
				353.61	132.76	235.27	348.56	388.86	13.12	334.28	351.66	PHASE
182	36.49	144.11	594	189.18	14.47	28.21	6.17	3.48	18.87	2.98	1.63	AMP
				358.87	148.41	235.88	354.67	224.71	27.58	.47	334.98	PHASE

TABLE VII.- Continued

(b) Continued

TORSION 20 PERCENT RADIUS												
PT NO	RUN NO		RPM	1P	2P	3P	4P	5P	6P	7P	8P	
	MEAN	1/2 P-P										
156	7.25	6.69	595	4.94	.33	.55	.96	1.14	.19	.36	.23	AMP
157	5.59	6.68	594	339.75	88.42	343.95	251.87	389.88	85.79	257.31	78.87	PHASE
158	3.85	7.59	595	5.38	.25	.51	.97	1.87	.11	.27	.89	AMP
159	1.88	8.78	595	344.86	47.87	353.18	234.84	293.87	38.91	243.95	45.26	PHASE
160	.15	18.15	594	6.16	.32	.36	1.17	1.27	.14	.47	.11	AMP
161	-1.64	12.88	594	358.95	21.11	359.31	242.96	291.98	9.84	249.37	28.73	PHASE
162	-2.97	14.17	594	7.18	.36	.14	1.54	1.45	.88	.43	.84	AMP
163	-3.86	15.46	594	356.98	29.25	387.81	246.25	388.84	33.74	247.91	185.58	PHASE
164	8.11	7.81	596	7.99	.42	.37	1.72	1.45	.15	.42	.89	AMP
165	6.38	7.35	595	4.73	58.38	233.53	261.82	326.37	185.25	265.99	254.47	PHASE
166	4.49	8.82	595	9.17	.51	.84	1.93	1.53	.29	.45	.15	AMP
167	2.51	9.47	595	6.56	88.56	228.15	268.12	336.89	95.67	252.87	234.65	PHASE
168	.84	11.19	594	18.36	.81	1.41	2.87	1.57	.48	.58	.28	AMP
169	-1.45	13.81	595	6.18	89.66	213.98	252.88	331.28	77.23	224.57	247.14	PHASE
170	-3.99	18.15	595	11.28	1.15	1.76	2.18	1.76	.44	.51	.22	AMP
171	8.11	7.81	596	6.79	94.93	218.62	252.35	333.68	64.12	227.44	258.87	PHASE
172	6.38	7.35	595	5.41	.69	.55	1.85	1.82	.32	.52	.36	AMP
173	4.49	8.82	595	335.49	183.81	333.53	258.41	317.22	74.99	245.17	73.99	PHASE
174	8.11	7.81	596	5.89	.51	.49	.97	.96	.28	.49	.21	AMP
175	6.38	7.35	595	346.53	92.46	358.88	262.92	347.33	186.47	288.57	124.25	PHASE
176	4.49	8.82	595	6.68	.53	.37	1.17	.85	.18	.65	.16	AMP
177	2.51	9.47	595	353.35	73.97	358.82	262.31	348.58	88.82	278.28	182.64	PHASE
178	.84	11.19	594	7.68	.68	.25	1.44	1.81	.19	.87	.18	AMP
179	-1.45	13.81	595	356.81	62.34	294.87	251.63	324.48	94.59	255.78	128.11	PHASE
180	-3.99	18.15	595	8.56	.88	.55	1.67	1.16	.23	.77	.21	AMP
181	-5.53	28.61	595	.49	73.85	242.48	256.18	338.78	183.84	256.85	172.74	PHASE
182	-7.29	23.18	595	18.28	1.26	1.26	1.81	1.33	.28	.64	.32	AMP
183	8.79	8.21	595	6.44	96.75	233.58	267.76	.97	93.65	267.83	281.32	PHASE
184	6.84	8.46	595	12.75	2.14	2.28	2.81	1.64	.37	.68	.39	AMP
185	5.16	9.86	594	7.49	181.62	227.22	267.78	355.52	356.54	261.44	284.49	PHASE
186	2.91	18.63	595	14.68	2.47	2.93	2.31	1.74	.92	.98	.88	AMP
187	.78	13.42	594	7.68	181.75	235.56	271.97	343.81	315.94	263.88	217.68	PHASE
188	-1.81	16.88	596	16.91	3.82	3.23	2.48	1.73	1.34	1.27	.68	AMP
189	-4.94	28.94	595	6.41	91.61	242.57	278.88	335.26	384.91	263.63	288.99	PHASE
190	-7.96	24.92	595	5.76	1.28	.68	1.16	1.29	.15	.56	.31	AMP
191	-18.31	38.68	594	337.96	126.27	27.84	299.97	333.89	63.93	269.28	172.23	PHASE
192	8.11	7.81	596	6.19	1.82	.78	.94	1.45	.88	.64	.38	AMP
193	6.38	7.35	595	341.31	186.75	38.12	276.83	311.36	154.88	268.44	178.86	PHASE
194	4.49	8.82	595	6.78	1.83	.69	1.85	1.27	.16	.63	.43	AMP
195	2.91	18.63	595	347.87	92.72	32.47	269.79	316.57	282.91	249.13	193.66	PHASE
196	8.11	7.81	596	7.88	1.38	.29	1.35	1.36	.28	.71	.46	AMP
197	6.38	7.35	595	354.71	88.64	38.18	277.45	316.12	223.62	265.73	211.19	PHASE
198	4.49	8.82	595	9.33	1.67	.32	1.79	1.46	.19	.55	.63	AMP
199	2.91	18.63	595	359.76	92.88	261.11	278.22	332.48	336.88	283.73	288.89	PHASE
200	-1.81	16.88	596	11.58	2.27	1.86	2.88	1.73	.49	.55	.94	AMP
201	-4.94	28.94	595	2.66	97.21	247.73	272.95	315.68	348.86	288.35	191.45	PHASE
202	-7.96	24.92	595	14.73	2.77	2.89	2.76	2.59	.96	.94	1.21	AMP
203	-18.31	38.68	594	3.85	99.85	254.99	271.81	297.71	326.57	275.16	193.78	PHASE
204	8.11	7.81	596	18.15	2.77	3.48	3.15	3.19	1.83	1.66	.91	AMP
205	6.38	7.35	595	2.78	98.81	273.34	278.78	295.19	314.94	282.94	216.86	PHASE
206	4.49	8.82	595	21.88	2.28	8.11	3.14	4.77	4.18	3.88	1.48	AMP
207	2.91	18.63	595	3.35	86.61	285.56	288.87	282.87	388.94	386.98	389.79	PHASE

TABLE VII.- Continued

(b) Continued

FLAPWISE 37 PERCENT RADIUS												
RUN NO		8										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
156	34.89	11.96	595	6.68	3.34	3.48	.35	2.37	.29	.25	.38	AMP
				136.19	319.84	358.96	331.64	46.67	223.69	215.99	196.49	PHASE
157	36.12	12.78	594	7.58	3.61	4.38	.44	2.12	.48	.28	.32	AMP
				133.91	314.57	345.78	323.25	28.98	238.71	185.34	142.17	PHASE
158	37.36	14.89	595	8.56	4.12	4.88	.46	2.25	.38	.35	.27	AMP
				135.19	316.52	351.42	322.31	28.82	226.13	186.23	147.74	PHASE
159	38.64	15.18	595	9.62	4.65	5.22	.58	2.46	.32	.39	.38	AMP
				136.16	328.81	.18	323.74	33.78	213.99	218.74	148.98	PHASE
160	39.79	15.96	594	18.37	5.85	5.65	.69	2.49	.33	.43	.25	AMP
				139.32	326.48	13.81	336.84	55.56	217.64	271.29	172.38	PHASE
161	48.92	17.18	594	11.38	5.37	5.87	.81	2.48	.41	.48	.18	AMP
				136.88	323.12	18.85	328.18	58.28	283.97	282.12	148.74	PHASE
162	41.78	17.38	594	11.98	5.67	5.79	.66	2.19	.41	.45	.22	AMP
				133.12	318.53	2.24	382.91	45.36	168.16	269.64	79.68	PHASE
163	42.19	17.86	594	12.18	5.77	5.72	.65	2.12	.49	.37	.19	AMP
				131.41	318.23	1.22	286.87	48.56	165.14	268.12	65.78	PHASE
164	33.78	13.42	596	7.75	4.88	3.88	.29	2.48	.36	.25	.42	AMP
				133.77	314.11	351.88	383.54	56.41	241.97	188.33	194.16	PHASE
165	34.84	14.86	595	8.58	4.54	3.89	.48	2.15	.43	.38	.32	AMP
				138.99	321.44	4.87	317.18	83.69	252.42	215.32	283.67	PHASE
166	36.19	15.43	595	9.41	4.85	4.35	.48	1.91	.58	.24	.28	AMP
				148.31	322.38	11.21	313.84	78.87	252.46	282.83	197.61	PHASE
167	37.37	16.64	595	18.38	5.23	4.72	.35	1.97	.56	.27	.31	AMP
				138.59	317.39	8.27	287.25	62.59	233.89	196.52	178.53	PHASE
168	38.27	16.88	594	18.96	5.37	4.96	.36	1.86	.61	.27	.38	AMP
				136.77	315.95	18.65	283.11	67.83	221.41	222.81	171.37	PHASE
169	39.38	17.81	595	11.59	5.23	5.16	.39	1.79	.54	.29	.17	AMP
				136.29	317.82	17.41	258.92	85.78	215.43	252.82	169.93	PHASE
170	48.38	18.65	595	12.23	5.31	5.23	.64	1.68	.78	.33	.88	AMP
				138.95	315.88	18.58	216.55	95.91	185.17	275.66	34.89	PHASE
171	48.69	18.23	595	12.15	5.73	4.65	1.89	1.98	.95	.19	.25	AMP
				128.78	313.69	8.32	195.94	116.55	175.78	296.48	11.13	PHASE
172	41.18	17.93	595	12.14	6.88	4.43	1.49	1.88	1.85	.86	.22	AMP
				124.72	316.18	355.13	198.33	132.83	172.85	311.25	8.86	PHASE
173	32.38	14.45	595	8.92	4.52	2.48	.83	2.89	.33	.28	.27	AMP
				139.37	317.69	9.34	298.23	79.52	332.92	219.68	239.25	PHASE
174	33.49	16.89	595	9.85	4.92	3.35	.14	3.88	.28	.28	.83	AMP
				137.15	318.58	2.27	67.24	65.27	288.19	181.92	283.24	PHASE
175	34.45	16.76	594	18.57	5.19	3.68	.35	2.98	.17	.89	.89	AMP
				137.64	318.34	7.28	183.16	78.91	281.82	191.86	185.15	PHASE
176	35.45	16.79	595	11.29	5.55	4.88	.51	2.59	.37	.28	.87	AMP
				138.92	311.98	18.24	113.81	78.53	258.14	179.99	38.95	PHASE
177	36.37	17.84	594	11.97	5.85	4.28	.62	2.38	.41	.34	.14	AMP
				137.79	312.49	23.18	123.85	85.38	218.21	199.58	38.33	PHASE
179	37.11	18.45	596	12.49	6.28	4.56	.58	1.74	.59	.36	.46	AMP
				134.43	318.84	21.86	122.67	88.57	195.87	285.94	351.93	PHASE
180	37.84	18.32	595	12.87	6.91	4.49	.57	.81	.84	.33	.84	AMP
				138.53	389.72	15.59	128.71	68.58	177.37	281.52	342.88	PHASE
181	38.62	18.22	595	12.83	7.88	3.78	.69	.62	1.88	.29	.97	AMP
				127.18	318.54	352.61	194.58	271.47	188.19	183.91	5.67	PHASE
182	39.11	28.18	594	12.43	9.28	3.55	1.21	.85	1.15	.58	.84	AMP
				125.21	314.88	324.36	214.16	285.38	158.72	159.29	44.71	PHASE

TABLE VII.- Continued

(b) Continued

CHORDWISE 37 PERCENT RADIUS											
RUN NO		Ø									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
156	24.47	22.9#	595	5.95	1.8#	2.65	4.66	2.57	11.1#	2.85	1.8# AMP
157	24.77	29.25	594	297.94	122.58	239.92	41.58	14.85	323.46	334.72	121.47 PHASE
158	25.25	38.58	595	12.74	3.27	5.22	5.82	4.74	11.3#	1.73	AMP
159	25.12	57.65	595	317.2#	116.24	281.51	17.43	319.88	324.76	353.14	186.8# PHASE
160	24.54	72.71	594	21.19	4.47	9.45	7.86	5.87	9.69	2.86	1.17 AMP
161	23.23	85.73	594	332.59	123.13	288.83	17.9#	328.8#	328.84	212.33	112.58 PHASE
162	21.83	97.54	594	3#.6#	5.38	14.16	9.85	4.9#	1#.27	4.91	1.24 AMP
163	21.16	1#2.7#	594	34#.9#	129.35	224.12	19.88	335.38	327.58	26#.11	1#2.94 PHASE
164	21.73	22.78	596	39.24	5.49	18.82	11.49	4.23	11.21	7.87	1.57 AMP
165	21.72	3#.22	595	349.1#	139.83	241.73	38.91	346.81	354.4#	3#5.65	11#.68 PHASE
166	21.14	33.83	595	49.94	6.46	24.84	13.72	3.23	11.39	9.63	1.78 AMP
167	19.98	54.37	595	349.9#	136.44	242.36	17.46	3#4.74	349.54	314.24	8#.57 PHASE
168	18.63	66.66	594	6#7.75	7.17	27.55	15.2#	4.8#	11.77	9.62	2.34 AMP
169	16.68	78.67	595	349.75	136.13	236.44	358.82	233.39	326.28	3#8.69	51.17 PHASE
170	14.63	96.67	595	66.7#	7.75	29.85	16.24	5.26	13.85	9.69	2.18 AMP
171	13.77	1#8.62	595	349.53	139.84	235.95	348.61	219.73	33#.4#	315.86	46.87 PHASE
172	13.99	112.15	595	9.2#	2.77	3.97	3.75	3.13	8.28	2.86	.94 AMP
173	13.53	58.23	594	278.47	1#1.47	247.8#	41.82	26.48	277.45	337.37	118.12 PHASE
174	13.53	58.23	594	14.97	4.99	4.36	4.15	3.61	7.88	4.56	1.29 AMP
175	13.53	58.23	594	3#2.78	114.47	237.89	28.67	333.32	4.36	15.86	149.85 PHASE
176	15.86	47.82	595	23.12	6.7#	8.81	6.25	6.61	3.51	2.95	1.17 AMP
177	15.86	47.82	595	321.99	124.43	225.17	25.78	35#.56	326.55	59.74	138.45 PHASE
178	15.86	47.82	595	32.58	8.3#	12.29	8.89	6.74	7.39	2.98	2.13 AMP
179	15.86	47.82	595	331.98	125.42	227.82	22.44	357.9#	313.16	3#8.37	188.85 PHASE
180	8.85	95.79	595	4#7.87	9.51	16.88	9.24	7.14	9.75	6.88	1.94 AMP
181	8.83	1#3.2#	595	336.67	128.7#	234.98	27.95	354.79	329.33	313.15	96.13 PHASE
182	9.31	11#4.8	594	5#6.61	1#7.73	2#7.31	1#6.63	7.93	12.41	9.6#	1.85 AMP
				342.62	132.57	248.6#	31.78	355.13	.56	327.52	95.88 PHASE
				65.66	11.53	25.18	12.84	6.62	11.87	12.8#	1.82 AMP
				345.44	129.97	246.98	14.54	338.58	359.63	32#4.2	29.49 PHASE
				72.85	12.77	27.84	11.54	7.83	12.65	1#7.52	1.97 AMP
				349.36	135.43	248.51	11.8#	299.93	351.94	342.1#	8.84 PHASE
				81.44	13.79	29.82	11.2#	1#7.72	18.93	9.74	1.76 AMP
				352.13	148.46	243.49	354.8#	276.23	344.46	354.95	344.29 PHASE
				13.36	3.26	4.73	3.75	4.42	7.83	2.11	1.8# AMP
				271.73	18#7.25	267.12	58.37	46.59	282.94	43.4#	83.53 PHASE
				19.88	5.71	5.14	3.41	3.82	12.51	4.83	1.73 AMP
				291.55	1#1.7#	255.41	24.19	332.8#	314.54	352.67	97.86 PHASE
				26.87	7.87	6.87	5.57	5.8#	7.9#	5.49	1.32 AMP
				3#5.64	111.12	237.4#	15.54	32#5.55	318.99	18.31	81.38 PHASE
				34.88	1#1.13	9.65	7.62	7.81	1#7.41	5.11	1.46 AMP
				321.8#	12#5.57	238.43	33.83	351.82	332.81	28.63	58.81 PHASE
				43.15	11.62	13.25	9.36	7.47	13.62	7.38	1.87 AMP
				329.93	125.15	247.37	4#7.25	357.26	5.25	5.4#	45.43 PHASE
				52.62	13.18	16.56	9.54	1#7.36	19.64	9.4#	3.45 AMP
				336.15	128.71	25#8.8#	34.31	353.87	9.53	331.99	359.48 PHASE
				64.8#	15.27	19.85	1#7.75	12.88	23.66	13.56	5.78 AMP
				342.81	13#6.61	25#7.77	21.64	347.32	9.75	315.32	333.49 PHASE
				75.39	16.92	24.88	1#7.53	8.25	18.48	1#7.59	6.77 AMP
				348.83	135.8#	249.87	359.94	3#9.84	17.77	34#6.63	351.37 PHASE
				84.14	18.58	26.19	8.86	5.97	14.13	3.33	5.85 AMP
				354.83	151.51	251.8#	359.83	263.96	35.36	21.79	349.37 PHASE

TABLE VII.- Continued

(b) Continued

TORSION 36 PERCENT RADIUS												
PT NO	RUN NO		RPM	1P	2P	3P	4P	5P	6P	7P	8P	
	MEAN	1/2 P-P										
156	5.83	6.88	595	5.32	.49	.19	.82	1.81	.19	.22	.11	AMP
				334.51	85.86	335.56	222.33	267.89	54.98	223.38	31.43	PHASE
157	4.22	7.82	594	5.78	.36	.21	284.88	.96	.14	.21	.84	AMP
				337.41	69.39	.79	284.89	252.32	22.16	217.38	3.98	PHASE
158	2.53	8.18	595	6.55	.38	.13	1.82	1.11	.11	.35	.87	AMP
				343.62	53.71	35.88	213.88	258.67	355.84	288.52	325.85	PHASE
159	.63	9.15	595	7.47	.33	.24	1.38	1.31	.11	.31	.82	AMP
				348.96	58.27	152.38	215.33	259.73	28.93	288.81	184.12	PHASE
168	-1.87	18.18	594	8.24	.42	.59	1.54	1.29	.28	.32	.81	AMP
				356.24	76.31	177.11	229.99	285.79	74.86	219.84	286.77	PHASE
161	-2.84	11.82	594	9.28	.64	.96	1.68	1.33	.33	.35	.85	AMP
				357.93	99.45	179.84	228.58	295.48	56.19	286.16	187.87	PHASE
162	-4.15	13.68	594	18.31	.96	1.42	1.77	1.34	.42	.41	.17	AMP
				357.48	97.49	177.43	221.25	291.99	38.27	178.48	288.14	PHASE
163	-5.83	14.68	594	11.84	1.28	1.72	1.84	1.58	.44	.48	.14	AMP
				357.87	97.45	176.57	221.81	295.72	24.94	182.28	216.53	PHASE
164	6.67	7.38	596	5.66	.83	.25	.93	.92	.38	.31	.21	AMP
				329.79	95.85	311.86	238.55	273.97	41.51	288.85	24.21	PHASE
165	4.99	7.68	595	6.14	.64	.19	.88	.85	.38	.32	.12	AMP
				348.81	93.12	346.95	235.61	383.35	72.66	245.87	74.86	PHASE
166	3.17	8.36	595	6.83	.62	.18	.96	.81	.17	.46	.13	AMP
				346.15	83.93	313.85	233.26	295.44	74.88	243.81	147.73	PHASE
167	1.28	9.48	595	7.84	.73	.23	1.29	.94	.27	.59	.85	AMP
				349.24	72.85	282.78	222.72	288.82	63.95	211.82	52.98	PHASE
168	-.34	18.69	594	8.76	.98	.66	1.58	1.81	.38	.54	.15	AMP
				352.55	81.31	194.29	228.28	294.47	66.11	213.54	116.71	PHASE
169	-2.55	13.81	595	18.22	1.37	1.38	1.58	1.13	.38	.47	.21	AMP
				358.36	96.18	199.39	237.31	316.83	63.84	223.68	142.86	PHASE
178	-4.98	16.56	595	12.42	2.16	2.87	1.78	1.44	.27	.48	.25	AMP
				359.86	94.78	194.34	238.13	315.84	341.81	222.88	147.65	PHASE
171	-6.41	18.89	595	13.99	2.46	2.88	2.87	1.68	.66	.79	.33	AMP
				359.84	93.36	283.72	244.18	387.32	278.58	224.14	166.79	PHASE
172	-8.86	28.77	595	16.81	2.88	2.68	2.15	1.61	1.88	1.88	.39	AMP
				357.69	83.49	218.58	251.19	381.99	265.88	222.71	157.43	PHASE
173	7.37	8.19	595	5.91	1.35	.48	1.83	1.15	.15	.33	.21	AMP
				331.45	116.11	12.82	268.62	292.62	46.43	227.65	127.87	PHASE
174	5.48	8.42	595	6.32	1.17	.55	.83	1.29	.18	.42	.22	AMP
				334.22	188.51	17.98	247.88	269.56	86.87	219.75	135.23	PHASE
175	3.86	9.83	594	6.89	1.11	.45	.98	1.15	.15	.43	.25	AMP
				339.58	98.17	17.73	248.98	273.37	123.58	289.34	148.49	PHASE
176	1.75	18.83	595	7.93	1.33	.89	1.22	1.26	.15	.47	.29	AMP
				346.68	85.62	49.58	246.24	276.46	152.34	222.67	171.96	PHASE
177	-.38	11.96	594	9.32	1.69	.43	1.64	1.36	.87	.39	.38	AMP
				351.43	87.48	282.41	249.12	293.32	314.47	241.63	168.57	PHASE
179	-2.64	13.98	596	11.16	2.28	.99	1.94	1.56	.32	.42	.62	AMP
				353.82	87.47	286.26	243.64	277.86	314.58	245.19	142.48	PHASE
188	-5.45	18.29	595	13.81	2.52	1.71	2.63	2.17	.72	.69	.84	AMP
				353.52	84.46	218.19	242.48	263.29	282.24	248.71	142.91	PHASE
181	-8.25	21.38	595	16.88	2.52	2.51	2.99	2.57	1.58	1.25	.64	AMP
				352.96	76.84	243.91	251.84	262.69	273.76	243.86	167.59	PHASE
182	-18.48	23.68	594	19.29	2.84	3.69	3.18	3.88	3.44	2.35	1.87	AMP
				353.24	78.27	261.93	255.29	258.23	267.58	264.83	258.45	PHASE

TABLE VII.- Continued

(b) Continued

FLAPWISE 51 PERCENT RADIUS												
RUN NO 8												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
156	22.85	13.87	595	8.55	4.36	4.57	.64	.88	.45	.61	.77	AMP
				127.24	387.14	345.41	291.89	231.11	127.23	35.95	215.89	PHASE
157	23.93	14.75	594	9.76	4.71	5.85	.58	.98	.31	1.49	.49	AMP
				127.88	299.15	339.69	289.87	214.26	112.89	11.22	152.19	PHASE
158	24.96	16.56	595	11.88	5.43	6.67	.42	.88	.34	.55	.65	AMP
				138.21	299.78	345.87	283.39	228.64	128.62	39.88	156.31	PHASE
159	26.83	18.88	595	12.56	6.15	7.49	.25	.92	.29	.47	.41	AMP
				133.81	382.86	354.81	288.94	238.37	89.37	22.37	159.86	PHASE
160	27.83	28.78	594	13.68	6.76	8.34	.22	.97	.38	.48	.43	AMP
				137.83	387.88	7.78	384.63	253.83	91.56	14.26	165.54	PHASE
161	28.89	22.99	594	15.18	7.28	9.86	.14	1.06	.32	.66	.12	AMP
				137.82	383.44	5.61	342.77	257.89	71.93	357.86	114.92	PHASE
162	28.78	24.41	594	16.88	7.68	9.22	.14	.97	.36	.87	.59	AMP
				134.96	296.64	357.73	128.73	249.28	33.85	336.46	65.48	PHASE
163	29.27	24.99	594	16.58	7.78	9.25	.29	1.01	.33	.94	.43	AMP
				134.28	295.78	356.78	117.58	246.28	23.74	334.92	68.88	PHASE
164	21.88	14.98	596	9.68	5.34	4.28	.89	1.02	.52	1.14	1.42	AMP
				124.69	383.69	345.88	286.52	238.21	128.18	24.18	218.38	PHASE
165	21.98	16.22	595	18.81	5.96	5.46	.93	1.81	.44	1.89	.97	AMP
				131.28	388.79	359.88	311.37	258.15	135.66	54.32	248.89	PHASE
166	23.18	18.56	595	12.88	5.56	6.34	.84	1.88	.41	1.48	.56	AMP
				134.19	387.32	4.21	315.79	265.39	124.89	59.86	249.98	PHASE
167	24.12	21.32	595	13.68	7.23	7.13	.77	1.88	.44	1.63	.61	AMP
				133.65	388.78	.68	318.22	257.21	95.68	41.97	285.63	PHASE
168	24.95	22.96	594	14.88	7.68	7.62	.66	1.81	.39	1.64	.26	AMP
				133.61	298.89	2.83	312.24	259.27	78.83	39.72	243.33	PHASE
169	25.95	24.41	595	15.99	7.76	8.19	.62	1.12	.43	1.67	.25	AMP
				135.26	297.36	8.88	316.25	278.94	78.32	41.37	348.58	PHASE
170	26.87	25.68	595	17.17	8.18	8.49	.38	1.28	.47	2.83	.88	AMP
				132.31	291.41	1.18	293.67	262.77	42.27	17.84	346.28	PHASE
171	27.11	26.13	595	17.35	8.71	7.95	.19	1.23	.61	2.52	1.43	AMP
				131.59	298.48	.86	256.37	268.99	25.39	14.43	342.83	PHASE
172	27.47	26.19	595	17.48	9.13	7.78	.35	1.18	.89	2.88	1.62	AMP
				129.98	298.79	351.68	181.61	268.25	25.88	13.88	335.19	PHASE
173	18.97	16.83	595	18.58	6.15	3.61	.59	1.87	.95	1.43	.54	AMP
				131.13	313.18	359.79	388.67	248.49	128.32	73.99	291.84	PHASE
174	28.81	17.15	595	11.84	6.62	4.76	.69	.88	1.56	.68	.68	AMP
				138.88	382.55	353.37	298.32	219.23	118.83	53.88	336.24	PHASE
175	28.88	19.71	594	12.94	7.14	5.33	.64	.83	.78	1.55	.61	AMP
				131.79	299.66	356.81	387.49	225.86	188.61	58.43	358.36	PHASE
176	21.76	21.48	595	14.38	7.58	5.82	.62	.73	.77	1.75	.93	AMP
				134.71	388.28	5.85	316.86	226.12	183.89	68.88	17.29	PHASE
177	22.54	22.54	594	15.65	8.84	6.16	.61	.66	.75	1.69	1.58	AMP
				134.98	388.85	8.25	338.48	249.28	98.43	68.75	3.88	PHASE
179	23.25	24.64	596	16.83	8.68	6.45	.67	.34	.84	1.96	2.84	AMP
				133.17	296.44	6.16	345.48	253.18	56.67	52.68	349.24	PHASE
180	23.87	26.69	595	17.89	9.47	6.46	.42	.18	1.27	2.52	4.89	AMP
				131.85	294.84	359.84	28.73	178.33	38.83	38.77	343.14	PHASE
181	24.49	28.44	595	18.29	18.82	6.22	.33	.15	1.63	2.91	4.54	AMP
				131.34	294.39	345.39	98.43	88.89	27.97	36.16	351.26	PHASE
182	24.73	27.34	594	17.91	12.53	5.59	.51	.36	1.48	2.89	3.79	AMP
				131.28	388.85	333.38	157.56	46.38	52.36	42.85	12.15	PHASE

TABLE VII.- Continued

(b) Continued

CHORDWISE 51 PERCENT RADIUS												
RUN NO		8										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
156	24.4 8	26.92	595	6.22	1.56	2.6 8	5.55	2.57	13.24	2.66	1.4 8	AMP
				297.1 8	127.37	266.34	39.84	17.41	325.84	337.33	133.65	PHASE
157	24.8 5	33.61	594	11.93	2.85	4.28	7.2 8	4.76	13.67	2.14	1.37	AMP
				312.73	116.61	224.24	18.84	328.24	326.89	359.83	128.22	PHASE
158	24.8 5	41.91	595	18.97	3.89	7.92	9.43	5.16	11.99	2.95	1.95	AMP
				326.74	121.92	225.92	21.46	338.21	338.58	288.84	138.81	PHASE
159	23.89	55.22	595	27.84	4.48	12.12	11.87	5.21	12.6 8	6.73	2.86	AMP
				334.52	129.16	237.38	23.62	339.25	329.19	258.86	123.88	PHASE
168	23.27	66.8 8	594	34.27	4.59	16.18	13.9 8	4.32	13.77	18.61	2.88	AMP
				342.17	137.86	253.57	34.13	351.98	356.58	385.88	134.98	PHASE
161	21.95	79.37	594	43.37	5.44	21.11	16.58	2.92	13.95	12.82	2.81	AMP
				342.78	131.92	253.85	22.8 8	318.68	351.78	314.87	98.83	PHASE
162	28.46	86.53	594	52.88	5.99	24.46	18.84	3.73	14.18	12.71	2.92	AMP
				342.72	127.59	246.23	4.89	231.52	328.92	389.75	55.39	PHASE
163	19.78	93.3 8	594	57.14	6.46	26.85	19.86	5.85	16.66	12.78	2.52	AMP
				342.66	138.46	245.34	354.95	217.19	332.68	317.63	47.48	PHASE
164	22.1 8	25.52	596	8.97	2.58	3.63	4.56	3.14	9.84	3.76	1.12	AMP
				279.29	188.87	262.18	37.38	26.87	279.62	343.83	136.47	PHASE
165	21.88	32.34	595	14.86	4.37	3.86	5.48	3.83	8.79	5.99	1.77	AMP
				299.68	112.48	258.98	31.49	331.89	6.81	28.16	159.42	PHASE
166	21.67	36.55	595	28.98	5.86	6.59	7.73	7.12	4.35	4.12	1.66	AMP
				316.25	128.38	241.87	38.61	349.42	331.57	66.94	144.97	PHASE
167	21.19	51.82	595	29.8 8	7.38	18.35	9.71	7.32	9.8 8	3.32	3.84	AMP
				324.98	119.34	248.37	25.39	357.17	316.43	313.84	122.39	PHASE
168	19.9 8	61.95	594	35.64	8.45	13.78	11.14	7.69	11.73	7.41	2.67	AMP
				329.78	123.57	246.13	29.19	354.42	332.66	318.86	115.22	PHASE
169	17.92	78.79	595	45.17	9.73	18.13	12.94	8.73	15.39	12.19	2.43	AMP
				335.98	126.57	257.89	32.22	357.89	3.74	338.22	112.69	PHASE
178	15.83	88.26	595	58.22	11.38	23.58	15.82	6.95	14.91	15.69	2.25	AMP
				339.11	122.12	254.47	15.58	342.84	2.73	324.69	31.64	PHASE
171	13.98	93.57	595	64.87	13.61	25.94	14.48	7.85	15.67	14.34	3.87	AMP
				343.38	127.69	254.58	12.79	296.61	354.42	348.58	8.87	PHASE
172	13.78	189.11	595	78.41	16.85	29.43	14.28	12.8 8	23.44	13.53	2.88	AMP
				347.26	134.46	249.23	358.43	271.83	346.32	3.89	348.34	PHASE
173	21.38	31.59	595	12.56	3.88	4.29	4.18	4.53	9.35	3.85	1.89	AMP
				272.24	182.13	277.76	59.61	47.78	285.58	52.44	79.89	PHASE
174	28.61	43.45	595	18.18	5.21	4.89	4.29	3.82	15.25	5.22	2.32	AMP
				289.88	188.23	267.42	27.47	333.79	317.88	.16	181.16	PHASE
175	28.82	44.24	594	23.46	7.19	5.51	6.56	5.84	9.81	7.26	1.48	AMP
				381.58	187.42	258.32	22.84	319.75	322.86	24.37	98.93	PHASE
176	18.33	51.31	595	38.75	9.45	8.47	8.76	7.38	12.65	6.63	1.68	AMP
				316.43	115.81	249.76	39.21	354.98	335.55	39.99	88.47	PHASE
177	16.85	66.81	594	39.18	18.88	11.68	18.82	8.29	16.77	8.85	1.99	AMP
				324.58	118.65	256.38	43.81	1.82	8.64	15.48	61.13	PHASE
179	12.88	81.34	596	48.14	12.58	14.82	11.44	11.88	24.67	18.95	4.58	AMP
				338.22	128.89	258.81	34.83	359.85	13.28	348.64	3.89	PHASE
188	9.88	97.88	595	58.31	15.86	18.61	13.61	13.98	29.97	15.84	8.25	AMP
				336.77	123.86	257.22	28.69	355.28	13.94	322.14	338.59	PHASE
181	8.91	99.69	595	67.58	18.13	25.89	14.13	8.65	23.48	12.61	18.17	AMP
				343.69	138.22	254.65	3.42	318.69	22.11	352.59	354.88	PHASE
182	9.32	184.76	594	73.68	28.53	27.85	12.82	6.48	18.18	4.25	9.81	AMP
				358.68	148.41	258.53	2.17	278.42	41.69	49.29	355.52	PHASE

TABLE VII.- Continued

(b) Continued

TORSION % PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
156	2.86	5.93	595	4.46	.34	.17	.62	.83	.24	.18	.15	AMP
				343.81	115.19	.14	249.42	295.32	79.16	264.57	97.13	PHASE
157	1.58	5.87	594	4.81	.28	.17	.58	.77	.18	.16	.11	AMP
				346.53	116.74	29.88	238.12	279.62	59.28	257.94	65.64	PHASE
158	.83	6.72	595	5.39	.11	.16	.71	.92	.12	.26	.11	AMP
				352.33	135.68	72.57	236.51	278.45	39.91	252.98	45.61	PHASE
159	-1.64	7.36	595	6.83	.13	.15	.97	1.11	.14	.24	.85	AMP
				357.46	156.88	134.47	236.68	287.18	68.44	245.52	99.47	PHASE
160	-3.13	8.84	594	6.68	.18	.33	1.12	1.11	.21	.25	.83	AMP
				4.72	168.24	179.88	249.98	312.47	98.84	254.43	124.83	PHASE
161	-4.73	9.41	594	7.33	.38	.59	1.25	1.13	.33	.28	.81	AMP
				5.98	159.24	186.19	248.81	322.22	98.63	237.58	147.39	PHASE
162	-5.89	18.63	594	8.86	.57	.92	1.32	1.14	.42	.36	.11	AMP
				5.14	142.82	185.87	248.65	319.66	71.88	287.53	275.86	PHASE
163	-6.78	11.32	594	8.56	.77	1.13	1.38	1.26	.46	.35	.18	AMP
				5.39	133.98	182.98	248.18	323.12	68.59	289.67	281.99	PHASE
164	3.63	6.15	596	4.76	.69	.27	.72	.81	.33	.22	.19	AMP
				338.34	117.48	338.86	255.76	382.79	73.12	258.46	99.51	PHASE
165	2.18	6.41	595	5.12	.52	.23	.61	.72	.32	.24	.15	AMP
				348.33	126.53	8.84	268.99	338.98	185.33	295.74	143.97	PHASE
166	.54	6.94	595	5.64	.48	.14	.78	.66	.18	.33	.14	AMP
				354.48	124.31	15.89	257.76	321.98	188.89	294.97	179.82	PHASE
167	-1.13	7.58	595	6.38	.34	.83	.88	.78	.27	.43	.88	AMP
				357.23	113.78	248.18	246.18	385.62	89.38	258.98	127.98	PHASE
168	-2.48	8.27	594	6.81	.37	.25	1.87	.89	.35	.48	.14	AMP
				.27	116.62	285.84	247.28	318.88	98.96	255.58	168.54	PHASE
169	-4.31	9.74	595	7.68	.56	.68	1.27	1.83	.43	.38	.17	AMP
				5.38	117.21	281.87	254.83	341.18	98.78	261.56	186.54	PHASE
170	-6.33	12.41	595	9.14	1.81	1.26	1.52	1.36	.48	.48	.19	AMP
				5.16	186.99	192.71	252.44	348.36	52.81	264.48	184.16	PHASE
171	-7.54	13.84	595	18.22	1.15	1.55	1.78	1.53	.48	.71	.23	AMP
				4.49	181.18	282.96	258.82	336.88	335.53	271.82	212.58	PHASE
172	-8.96	15.32	595	11.66	1.38	1.44	1.83	1.56	.62	.95	.25	AMP
				2.31	82.86	288.93	265.88	333.33	388.12	278.18	213.25	PHASE
173	4.83	6.88	595	4.98	1.18	.48	.81	1.88	.17	.19	.28	AMP
				348.82	131.96	18.78	294.35	321.37	99.45	272.27	189.61	PHASE
174	2.48	6.98	595	5.28	.94	.52	.64	1.85	.18	.32	.19	AMP
				342.41	124.61	19.42	276.38	388.58	113.75	261.16	195.93	PHASE
175	1.12	7.28	594	5.57	.88	.58	.64	.93	.18	.32	.28	AMP
				347.58	121.17	21.78	268.95	381.91	162.25	257.32	199.31	PHASE
176	-.65	7.78	595	6.18	.71	.33	.84	1.85	.12	.34	.22	AMP
				354.33	115.31	25.72	278.88	388.15	174.87	267.56	224.69	PHASE
177	-2.32	8.93	594	6.99	.79	.82	1.23	1.18	.87	.32	.28	AMP
				358.38	186.78	17.73	267.99	318.61	61.42	292.95	213.21	PHASE
179	-4.28	18.18	596	8.88	.98	.48	1.68	1.31	.21	.35	.46	AMP
				359.48	94.53	286.75	261.29	388.37	344.54	384.39	188.14	PHASE
180	-6.46	13.34	595	9.85	1.15	.98	2.38	1.74	.65	.59	.64	AMP
				357.77	79.35	218.11	261.42	293.48	385.79	388.56	192.58	PHASE
181	-8.91	16.42	595	12.14	1.39	1.29	2.79	2.87	1.48	1.81	.57	AMP
				355.67	56.25	249.87	273.11	294.99	384.83	299.53	226.93	PHASE
182	-18.78	19.28	594	14.88	1.58	1.83	3.19	2.99	3.18	2.85	1.81	AMP
				354.55	37.86	267.81	278.94	283.77	299.87	312.92	384.87	PHASE

TABLE VII.- Continued

(b) Continued

FLAPWISE 77 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
156	.13	18.64	595	13.14	4.81	3.24	1.85	3.38	.32	.78	1.27	AMP
				137.37	318.89	318.44	148.95	217.88	62.69	186.81	38.86	PHASE
157	1.86	18.95	594	13.89	4.29	3.95	1.82	3.15	.46	.59	.91	AMP
				137.87	389.39	388.89	114.93	288.21	41.57	158.86	338.83	PHASE
158	3.59	22.89	595	15.85	4.83	4.58	1.17	3.38	.44	.49	1.11	AMP
				148.73	389.53	318.64	188.72	288.83	44.43	188.78	343.38	PHASE
159	5.51	24.17	595	16.22	5.88	4.99	1.26	3.78	.39	.41	.75	AMP
				143.57	388.33	338.26	98.74	286.45	36.38	162.87	348.83	PHASE
160	7.23	25.55	594	17.22	6.54	5.52	1.41	3.89	.58	.59	.67	AMP
				148.78	311.76	347.23	184.27	229.68	61.35	168.84	348.37	PHASE
161	8.89	27.63	594	18.68	7.32	6.88	1.65	4.88	.58	.84	.22	AMP
				148.56	386.88	347.38	93.42	232.94	48.68	158.43	296.71	PHASE
162	18.87	29.33	594	19.86	7.84	6.33	1.65	3.78	.68	1.84	.88	AMP
				146.63	297.79	341.35	74.21	221.64	27.89	138.49	247.26	PHASE
163	18.86	29.99	594	28.54	8.28	6.45	1.84	3.72	.68	1.87	.68	AMP
				146.29	296.85	341.43	67.55	223.68	13.18	132.98	243.76	PHASE
164	-1.67	28.82	596	14.31	4.87	2.93	1.36	3.48	.41	1.28	1.96	AMP
				133.71	315.86	382.73	136.27	228.88	35.21	184.32	31.38	PHASE
165	-.81	28.71	595	15.23	5.32	3.53	1.13	3.12	.58	1.12	1.31	AMP
				148.39	319.83	328.47	139.31	257.93	65.96	213.62	59.22	PHASE
166	1.77	22.44	595	16.24	5.87	3.94	1.86	2.79	.63	1.42	.79	AMP
				143.76	317.46	329.98	121.84	258.85	68.88	222.94	57.16	PHASE
167	3.68	24.86	595	17.67	6.67	4.45	.99	2.97	.76	1.53	.86	AMP
				144.19	318.27	328.98	95.88	243.91	56.56	284.28	15.87	PHASE
168	5.16	26.58	594	18.66	7.23	4.54	.98	3.13	.82	1.48	.23	AMP
				145.38	386.39	333.12	76.71	245.72	55.98	199.71	54.44	PHASE
169	7.13	28.88	595	28.18	7.57	4.82	1.21	3.27	.96	1.51	.51	AMP
				148.85	385.38	342.55	57.98	261.98	67.54	199.85	198.68	PHASE
170	9.11	38.48	595	21.97	8.21	5.82	1.48	3.36	1.85	1.82	1.41	AMP
				146.75	298.14	334.84	31.24	268.62	47.34	175.24	176.25	PHASE
171	9.82	31.82	595	22.71	8.64	4.62	1.84	3.44	1.88	2.45	2.35	AMP
				146.98	297.68	332.77	22.81	284.36	49.86	178.41	178.17	PHASE
172	18.44	32.95	595	23.26	9.26	4.98	2.41	2.88	1.83	2.75	2.63	AMP
				146.81	297.82	322.34	28.48	298.89	46.14	181.88	165.18	PHASE
173	-3.36	21.75	595	14.85	5.58	2.98	1.78	3.82	.45	1.54	.64	AMP
				137.95	319.58	386.94	174.25	248.37	357.84	243.86	187.41	PHASE
174	-1.62	23.16	595	15.83	5.98	3.41	1.13	4.29	.43	1.76	.75	AMP
				137.73	388.41	386.37	164.88	237.35	313.12	222.58	163.94	PHASE
175	-.11	24.17	594	16.64	6.42	3.61	1.78	4.12	.16	1.75	.96	AMP
				148.57	385.59	313.42	163.65	244.55	316.66	214.16	176.67	PHASE
176	1.88	25.89	595	17.86	6.87	3.58	.53	3.78	.18	1.78	1.39	AMP
				144.42	386.11	326.87	157.41	247.64	343.36	233.78	193.58	PHASE
177	3.48	27.96	594	19.89	7.31	3.57	.28	3.71	.47	1.78	2.21	AMP
				146.35	386.18	332.45	124.79	262.18	332.25	235.51	181.63	PHASE
179	5.27	31.83	596	28.58	7.73	3.88	.41	2.94	.67	1.85	4.86	AMP
				145.96	381.57	332.63	73.88	259.87	342.43	228.72	167.11	PHASE
180	7.24	33.28	595	22.58	7.69	2.31	.85	1.36	.64	2.47	5.91	AMP
				144.85	299.28	323.51	92.14	252.66	15.84	285.76	161.98	PHASE
181	8.69	35.61	595	23.91	8.27	2.16	1.98	1.18	.64	3.28	6.66	AMP
				144.42	382.88	388.83	76.36	65.54	71.21	282.95	178.84	PHASE
182	9.86	36.43	594	24.28	9.69	2.61	2.76	2.18	.17	2.56	5.65	AMP
				145.47	388.85	287.24	75.91	89.98	124.35	211.85	193.44	PHASE

TABLE VII.- Continued

(b) Continued

CHORDWISE 77 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
156	14.41	16.62	595	5.85	1.91	3.82	2.85	1.68	5.14	.78	1.83 AMP
				154.57	321.35	388.77	51.86	227.87	319.65	316.45	66.68 PHASE
157	15.89	15.21	594	3.72	1.93	3.39	2.84	2.18	5.46	.63	4.88 AMP
				159.18	319.56	295.54	28.26	241.88	322.81	14.32	52.93 PHASE
158	17.85	15.15	595	2.21	2.88	4.18	3.88	1.88	4.88	1.46	5.53 AMP
				172.18	323.65	293.58	31.25	246.23	326.69	191.38	78.22 PHASE
159	18.58	19.28	595	2.68	2.68	5.18	4.99	2.85	5.28	2.71	7.75 AMP
				228.98	328.69	297.11	32.35	245.98	323.34	242.77	95.26 PHASE
168	19.48	22.65	594	1.83	3.15	6.35	5.95	2.48	5.69	3.96	6.66 AMP
				388.24	323.98	388.42	43.43	258.82	351.93	294.58	119.43 PHASE
161	28.82	26.66	594	3.72	3.78	7.88	7.12	3.31	6.84	4.68	7.78 AMP
				313.64	321.29	383.31	33.88	246.26	346.22	385.82	85.79 PHASE
162	28.82	28.27	594	5.47	4.84	8.65	7.56	3.96	6.13	4.53	5.59 AMP
				318.32	314.72	293.83	16.33	221.88	324.68	382.98	35.39 PHASE
163	28.29	29.88	594	6.56	4.28	9.66	7.78	4.44	7.17	4.68	5.58 AMP
				319.43	312.87	291.57	9.15	217.66	326.78	312.17	19.38 PHASE
164	18.63	19.46	596	5.73	2.33	2.91	1.73	1.49	3.77	.96	1.38 AMP
				155.78	323.85	298.58	59.76	246.87	275.63	323.29	51.98 PHASE
165	11.74	14.83	595	4.73	2.36	3.31	2.88	2.98	3.88	1.91	1.18 AMP
				172.15	335.92	313.68	48.58	288.28	4.92	12.35	183.27 PHASE
166	13.64	16.85	595	3.29	2.38	3.56	3.15	3.26	2.81	1.24	.98 AMP
				198.59	336.81	318.34	42.86	384.75	345.17	82.67	113.98 PHASE
167	15.12	18.86	595	2.35	2.62	4.54	4.12	2.73	3.88	1.85	1.49 AMP
				222.85	331.28	383.81	34.75	382.72	321.85	269.73	99.99 PHASE
168	15.83	22.87	594	2.53	2.75	5.37	4.88	3.86	5.23	2.49	1.59 AMP
				261.64	326.27	381.59	35.61	381.28	333.62	299.68	111.66 PHASE
169	16.94	27.45	595	4.16	3.82	6.78	5.88	3.88	7.88	4.23	1.54 AMP
				294.93	329.84	386.62	36.42	313.88	1.99	319.28	134.38 PHASE
178	17.33	38.73	595	6.78	3.28	8.88	6.45	4.28	7.13	5.43	.74 AMP
				312.55	332.37	294.18	19.55	388.47	359.24	316.56	125.61 PHASE
171	17.84	38.63	595	7.25	2.15	8.88	5.62	5.61	7.35	4.88	.59 AMP
				323.82	339.88	283.74	15.72	282.22	349.22	341.87	141.78 PHASE
172	18.98	33.78	595	7.57	.68	9.43	5.27	7.25	18.51	4.55	.98 AMP
				336.22	347.11	266.27	365.66	273.99	341.18	359.21	173.23 PHASE
173	8.81	28.68	595	6.29	2.76	3.85	1.42	1.33	3.71	.58	.87 AMP
				167.87	328.88	383.73	188.21	278.93	283.96	19.84	91.58 PHASE
174	18.17	23.38	595	8.22	2.61	3.49	1.38	3.82	6.31	1.68	1.48 AMP
				179.88	324.61	382.33	51.28	251.18	318.47	338.66	128.26 PHASE
175	11.69	19.51	594	4.48	2.48	3.39	2.26	3.93	4.14	2.18	1.18 AMP
				194.36	327.39	383.24	35.16	268.15	319.45	16.89	136.58 PHASE
176	12.88	21.73	595	3.39	2.27	3.68	3.28	3.87	5.25	1.88	1.46 AMP
				222.58	336.72	386.82	48.32	294.12	331.57	35.47	156.32 PHASE
177	13.55	24.75	594	3.44	2.37	4.29	4.12	3.68	7.45	2.97	2.81 AMP
				258.81	348.93	386.79	49.68	388.83	.91	8.93	158.48 PHASE
179	13.93	31.18	596	4.54	2.44	4.86	4.55	4.59	11.15	3.63	1.87 AMP
				289.83	338.89	381.78	38.71	326.19	5.39	335.89	141.18 PHASE
188	14.45	38.88	595	5.99	2.17	5.36	5.86	5.31	13.56	4.94	1.53 AMP
				312.31	352.48	287.17	28.24	348.91	9.34	311.73	166.62 PHASE
181	15.33	41.55	595	7.88	1.98	7.44	5.11	3.62	18.91	3.87	1.87 AMP
				336.42	16.88	265.98	11.28	336.89	28.56	352.98	168.98 PHASE
182	16.14	42.46	594	8.74	.66	9.71	4.18	1.68	8.88	1.75	2.89 AMP
				344.71	17.28	256.91	359.98	388.54	36.46	98.68	268.84 PHASE

TABLE VII.- Continued

(b) Continued

TORSION 75 PERCENT RADIUS													
PT NO	RUN NO	B	1/2 P-P	RPM	B								
					1P	2P	3P	4P	5P	6P	7P	8P	
156	.19	3.92	595	2.57	.56	.89	.43	.45	.89	.87	.89	AMP	
				333.22	123.98	121.68	273.33	383.83	79.18	22.69	285.27	PHASE	
157	-1.82	3.88	594	2.87	.47	.15	.36	.38	.85	.88	.86	AMP	
				339.48	134.44	184.11	268.86	284.37	73.29	331.88	92.51	PHASE	
158	-2.33	4.68	595	3.37	.46	.24	.43	.47	.85	.85	.86	AMP	
				348.12	155.44	118.41	256.84	288.65	346.91	346.35	86.43	PHASE	
159	-3.81	5.36	595	3.88	.56	.33	.56	.56	.81	4.38	79.73	PHASE	
				355.35	164.77	145.61	244.53	286.37	.11	.83	.85	AMP	
168	-5.12	5.73	594	4.35	.67	.48	.68	.68	.18	.83	.85	AMP	
				3.88	172.23	169.28	253.93	318.12	47.56	232.84	125.54	PHASE	
161	-6.47	6.69	594	4.94	.98	.66	.75	.61	.26	.87	.82	AMP	
				5.77	169.42	178.88	248.36	315.28	47.82	194.52	156.33	PHASE	
162	-7.36	7.28	594	5.43	1.83	.82	.78	.68	.34	.11	.83	AMP	
				5.46	163.35	164.86	232.41	386.89	27.69	168.13	181.18	PHASE	
163	-7.94	7.48	594	5.72	1.13	.87	.88	.58	.37	.89	.83	AMP	
				5.96	168.22	161.87	227.99	388.19	28.66	165.78	185.38	PHASE	
164	.71	4.33	596	2.91	.98	.85	.51	.12	.18	.18	.28	AMP	
				325.16	118.11	53.88	282.89	318.23	87.23	23.72	212.76	PHASE	
165	-1.58	4.67	595	3.17	.88	.18	.41	.48	.13	.17	.12	AMP	
				338.86	133.44	75.63	299.25	334.45	114.81	35.49	249.55	PHASE	
166	-1.94	4.98	595	3.61	.74	.12	.41	.48	.85	.25	.88	AMP	
				347.88	144.81	182.22	288.57	321.85	126.83	27.84	264.68	PHASE	
167	-3.43	5.84	595	4.15	.74	.19	.58	.45	.18	.18	.87	AMP	
				353.15	149.81	142.63	264.35	382.36	64.94	14.84	265.37	PHASE	
168	-4.58	6.28	594	4.54	.81	.28	.59	.51	.17	.16	.89	AMP	
				357.48	155.76	165.97	255.28	388.72	61.67	28.86	278.41	PHASE	
169	-6.87	7.13	595	5.87	.91	.45	.67	.58	.25	.13	.85	AMP	
				3.84	164.11	177.84	253.65	323.23	69.18	7.86	318.44	PHASE	
178	-7.42	7.34	595	5.81	1.86	.61	.71	.58	.29	.23	.85	AMP	
				5.87	164.81	164.81	248.93	318.81	37.61	341.89	6.82	PHASE	
171	-8.15	7.63	595	6.27	.99	.48	.71	.51	.28	.42	.14	AMP	
				4.41	172.21	167.36	245.12	318.12	358.46	329.93	329.42	PHASE	
172	-9.82	8.86	595	7.81	.62	.27	.54	.44	.88	.53	.28	AMP	
				.81	185.54	91.62	253.88	328.81	326.48	316.81	327.75	PHASE	
173	1.84	4.88	595	3.15	1.22	.23	.62	.66	.82	.22	.22	AMP	
				326.13	122.93	21.15	312.27	334.59	59.26	68.68	298.75	PHASE	
174	-1.33	4.88	595	3.88	1.12	.26	.54	.59	.83	.15	.74	AMP	
				331.99	128.99	28.84	382.37	315.98	56.98	26.34	299.93	PHASE	
175	-1.53	5.31	594	3.69	1.82	.23	.49	.55	.82	.18	.22	AMP	
				339.32	125.21	17.32	388.76	314.87	297.83	6.89	311.59	PHASE	
176	-3.83	5.67	595	4.89	.93	.18	.54	.68	.18	.28	.26	AMP	
				348.96	135.34	15.18	298.48	318.24	332.45	26.85	326.95	PHASE	
177	-4.38	5.97	594	4.52	.92	.83	.59	.64	.16	.26	.38	AMP	
				354.99	145.29	278.96	277.48	314.12	345.81	11.77	335.58	PHASE	
179	-5.67	6.22	596	5.83	.92	.14	.68	.62	.28	.35	.41	AMP	
				358.84	153.86	239.94	259.87	292.53	313.17	358.84	338.68	PHASE	
188	-7.86	7.62	595	5.78	.88	.23	.92	.89	.68	.59	.58	AMP	
				358.83	169.84	244.91	258.25	264.88	291.39	339.97	332.23	PHASE	
181	-8.49	9.17	595	6.79	.72	.33	1.19	1.29	1.38	.88	.61	AMP	
				356.84	191.12	388.21	258.62	266.42	388.88	346.72	343.38	PHASE	
182	-9.58	11.12	594	7.88	.46	.27	1.55	1.82	1.88	1.14	.54	AMP	
				354.55	283.72	5.89	259.86	267.91	296.68	344.82	9.14	PHASE	

TABLE VII.- Continued

(b) Concluded

PITCH LINK												
RUN NO		Ø										
PT NO	MEAN	1/2 P-P	RPM.	1P	2P	3P	4P	5P	6P	7P	8P	
156	-1.54	5.45	595	4.83	.19	.76	.76	1.25	.89	.43	.22	AMP
				176.33	54.42	149.15	66.63	131.55	195.52	47.94	224.13	PHASE
157	-.38	6.32	594	4.46	.25	.73	.82	1.29	.14	.32	.13	AMP
				182.36	76.99	149.82	49.89	119.43	117.53	17.99	91.34	PHASE
158	.98	7.63	595	5.19	.39	.61	.87	1.47	.28	.47	.89	AMP
				188.67	113.32	147.71	55.68	119.53	126.78	39.22	182.41	PHASE
159	2.48	8.97	595	6.33	.43	.46	1.28	1.68	.18	.48	.89	AMP
				192.75	129.14	118.42	62.48	126.39	64.77	27.44	73.33	PHASE
160	3.72	18.37	594	7.51	.51	.68	1.38	1.69	.12	.32	.28	AMP
				198.95	131.71	73.88	77.89	145.69	64.47	31.98	93.16	PHASE
161	5.85	12.14	594	8.94	.33	.89	1.59	1.85	.19	.38	.28	AMP
				199.83	122.87	38.56	77.95	158.83	315.82	13.58	54.78	PHASE
162	6.12	14.36	594	18.36	.12	1.85	1.78	1.92	.35	.48	.49	AMP
				198.91	185.37	38.53	72.82	148.23	278.71	341.44	54.36	PHASE
163	6.85	15.67	594	11.34	.36	2.35	1.92	2.11	.39	.31	.44	AMP
				198.85	247.42	26.81	72.84	139.96	264.76	337.21	49.42	PHASE
164	-2.22	6.12	596	4.45	.23	.79	.83	1.84	.28	.66	.44	AMP
				171.57	314.29	138.62	75.68	142.64	224.21	37.88	222.64	PHASE
165	-.98	6.76	595	5.12	.86	.78	.83	1.81	.85	.59	.18	AMP
				188.14	347.63	161.18	76.97	165.65	261.84	72.81	267.83	PHASE
166	.41	8.86	595	5.78	.82	.78	.98	.97	.15	.74	.86	AMP
				187.72	126.21	158.26	76.93	164.41	86.71	68.82	38.31	PHASE
167	1.84	9.96	596	6.73	.14	.58	1.17	1.17	.16	.98	.14	AMP
				189.76	188.87	117.27	63.37	148.78	38.71	49.19	296.99	PHASE
168	3.84	11.79	594	7.84	.13	.66	1.34	1.29	.21	.78	.17	AMP
				192.57	228.53	72.69	69.44	157.33	357.17	47.98	338.82	PHASE
169	4.78	13.41	595	9.65	.58	1.35	1.43	1.53	.25	.58	.27	AMP
				197.26	272.72	47.75	84.49	173.18	37.96	53.35	16.83	PHASE
170	6.84	17.78	595	12.28	1.39	2.52	1.81	1.83	.26	.48	.42	AMP
				197.87	274.42	38.84	83.34	161.99	128.23	28.86	13.73	PHASE
171	8.85	28.95	595	14.25	1.68	3.35	1.97	1.89	.78	.73	.54	AMP
				196.34	278.78	43.14	85.16	147.59	188.87	46.78	28.85	PHASE
172	9.46	24.75	595	16.66	2.29	3.78	2.15	1.89	.94	.91	.77	AMP
				194.64	268.32	45.98	92.53	137.89	188.85	53.49	8.27	PHASE
173	-3.89	7.35	595	5.85	.76	.66	.94	1.19	.12	.74	.26	AMP
				172.59	317.86	188.89	115.71	157.72	138.96	69.45	321.18	PHASE
174	-1.62	8.22	595	5.45	.65	.65	.83	1.37	.84	.74	.41	AMP
				176.52	388.23	189.17	88.47	137.88	59.62	68.85	337.52	PHASE
175	-.41	9.65	594	6.82	.66	.51	.97	1.29	.22	.76	.52	AMP
				181.88	286.88	187.12	83.81	144.75	48.56	43.87	3.84	PHASE
176	1.19	18.71	595	7.28	.82	.25	1.13	1.48	.25	.88	.59	AMP
				186.18	278.45	173.74	89.39	144.55	65.39	63.58	7.17	PHASE
177	2.05	13.81	594	8.65	1.12	.43	1.52	1.58	.28	.63	.79	AMP
				198.28	288.29	76.97	92.42	154.89	115.28	74.64	5.59	PHASE
179	4.89	16.66	596	18.74	1.59	1.14	1.65	1.82	.43	.55	1.32	AMP
				191.36	274.65	56.36	83.34	131.34	126.62	69.31	349.93	PHASE
180	7.48	21.18	595	13.93	2.11	2.11	2.14	2.76	.95	.88	1.67	AMP
				198.89	273.21	58.61	83.66	118.94	121.62	73.52	348.52	PHASE
181	9.81	25.94	595	17.51	2.28	3.23	2.48	3.45	1.44	1.45	1.47	AMP
				198.89	263.64	71.48	92.83	183.88	114.79	98.62	1.99	PHASE
182	11.93	38.94	594	28.61	2.89	4.83	2.39	5.23	3.78	2.69	1.21	AMP
				198.26	252.18	84.35	89.43	87.98	117.48	128.19	95.28	PHASE

TABLE VII.- Continued

(c) $\mu = 0.30$; $M_T = 0.65$

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CQ/SIGMA
213	-1.3	5.2	4.1	.04287	-.00294	.00256
214	-2.3	6.6	6.0	.05092	-.00446	.00321
215	-2.4	7.6	8.0	.06195	-.00568	.00385
216	-2.7	8.0	9.9	.07463	-.00654	.00449
217	-3.3	9.2	11.9	.08551	-.00838	.00551
218	-4.2	10.5	14.1	.09520	-.01058	.00692
219	-4.4	10.6	14.8	.09788	-.01096	.00739
220	-4.8	11.2	15.8	.10209	-.01195	.00823
221	-.8	5.3	3.9	.02050	-.00307	.00234
222	-1.0	5.1	5.9	.03618	-.00540	.00324
223	-1.7	6.2	7.8	.04642	-.00734	.00401
224	-2.1	6.8	9.9	.05940	-.00970	.00491
225	-3.0	8.1	11.8	.06727	-.01206	.00591
226	-3.1	9.6	13.9	.07837	-.01476	.00723
227	-3.1	9.8	14.9	.08303	-.01548	.00774
228	-3.3	9.9	15.9	.08991	-.01593	.00829
236	-2.2	4.2	0.0	.03409	.00050	.00134
237	-2.4	5.1	1.8	.04574	.00033	.00154
238	-2.2	6.1	3.8	.05815	.00017	.00188
239	-2.4	6.7	5.8	.07053	.00021	.00226
240	-2.7	8.2	7.9	.08046	-.00064	.00303
241	-3.3	9.0	9.8	.09151	-.00101	.00376
242	-3.8	10.1	11.8	.10096	-.00182	.00492
243	-4.5	11.1	13.8	.10760	-.00233	.00647
244	-.6	3.4	-3.1	.03404	.00474	.00045
245	-1.5	4.6	-.1	.05352	.00627	.00024
246	-2.1	5.5	1.8	.06479	.00701	.00039
247	-2.6	6.4	3.8	.07612	.00763	.00065
248	-2.8	8.2	5.8	.08404	.00683	.00132
249	-3.2	8.8	7.8	.09565	.00797	.00162
250	-3.9	10.0	9.9	.10354	.00733	.00305

TABLE VII.- Continued

(c) Continued

FLAPWISE 25 PERCENT RADIUS												
PT NO	RUN NO		1/2 P-P	RPM	1#							
	MEAN				1P	2P	3P	4P	5P	6P	7P	8P
213	48.79	13.67	623	4.57	3.65	2.63	.87	4.45	1.28	1.94	1.1#	AMP
				145.55	32#.#	2.58	322.92	65.21	312.21	23#.#	28.42	PHASE
214	5#.#	14.1#	622	4.98	3.8#	3.16	.92	4.14	1.21	1.87	.74	AMP
				136.22	319.37	357.24	3#7.84	6#.#	295.54	218.25	14.68	PHASE
215	51.33	14.12	622	5.41	4.11	3.36	1.#5	4.15	.98	2.12	.94	AMP
				134.#	324.51	3.23	296.91	6#.#	295.34	217.76	358.78	PHASE
216	52.53	14.#5	623	5.45	4.29	3.33	1.18	4.59	.88	2.22	.75	AMP
				123.95	319.#5	357.94	275.36	45.27	263.72	193.23	353.7#	PHASE
217	53.73	14.23	622	5.86	4.23	3.35	1.#7	5.#	.74	2.23	.76	AMP
				115.26	326.44	1.89	272.91	6#.#	245.39	199.61	4.75	PHASE
218	54.92	14.42	622	6.39	4.3#	3.11	1.64	4.97	1.#4	2.23	.38	AMP
				1#2.4#	336.5#	.14	254.15	77.91	217.13	197.24	23.89	PHASE
219	55.3#	14.64	624	6.66	4.56	2.78	2.#	5.#7	1.13	2.55	.57	AMP
				92.15	332.27	344.74	23#.#	71.66	19#.#	17#.#	58.86	PHASE
22#	55.7#	16.48	621	7.41	4.82	2.74	2.47	5.#1	1.33	2.82	.59	AMP
				82.55	335.#3	327.62	226.99	81.32	181.38	164.65	77.92	PHASE
221	47.23	11.42	622	4.#1	2.43	2.33	.77	3.93	1.#7	.94	.75	AMP
				141.19	313.52	338.#6	17.35	3#.#	298.16	214.53	345.45	PHASE
222	48.78	11.37	621	3.99	3.#2	3.#9	.89	3.95	1.#1	1.#2	.78	AMP
				146.28	323.#1	357.91	341.7#	42.39	31#.#	233.73	355.34	PHASE
223	5#.#	12.66	622	4.31	3.35	3.38	1.#5	4.22	.9#	1.#4	.84	AMP
				137.#6	325.#3	357.86	33#.#	34.#5	3#3.26	223.16	341.4#	PHASE
224	51.74	13.13	622	4.7#	3.75	3.64	1.35	4.78	.71	1.#	.77	AMP
				13#.#	329.63	.44	319.#	4#.#	295.35	21#.#	339.64	PHASE
225	53.#4	14.23	623	5.38	3.85	3.75	1.6#	5.#4	.5#	.9#	.76	AMP
				115.49	324.1#	343.29	299.9#	16.71	25#.#	166.38	293.3#	PHASE
226	54.38	14.38	621	6.16	3.96	3.75	1.98	4.91	.54	.9#	.73	AMP
				112.37	34#.#	353.14	312.32	43.27	227.8#	179.61	3#1.85	PHASE
227	55.15	14.#3	621	6.36	4.#7	3.53	2.15	4.83	.58	1.#6	.56	AMP
				1#4.72	338.78	346.32	296.41	4#.#	2#6.12	161.49	287.63	PHASE
228	55.74	14.44	615	6.96	4.27	3.35	2.45	4.38	.81	1.24	.84	AMP
				93.98	332.53	334.#4	275.97	37.3#	171.77	148.73	286.2#	PHASE
236	47.71	13.43	622	4.97	3.58	2.47	.71	5.49	1.88	2.#9	.69	AMP
				136.14	3#7.2#	355.17	12.#9	46.7#	314.64	234.62	63.83	PHASE
237	48.92	13.81	622	5.32	3.92	2.11	.69	5.83	1.77	2.14	.34	AMP
				138.47	313.81	7.#4	26.43	55.35	33#.#	249.51	148.47	PHASE
238	5#.#	13.82	623	5.72	4.24	2.43	.45	5.63	1.37	2.#2	.52	AMP
				14#.#	319.11	2#.#	45.91	62.95	335.#8	252.6#	289.13	PHASE
239	51.32	12.99	623	5.79	4.59	2.7#	.45	5.34	1.17	2.34	.85	AMP
				134.17	314.#7	17.74	28.67	41.79	3#.#	236.88	189.66	PHASE
24#	52.42	13.5#	621	6.23	4.83	3.16	.42	4.77	.94	2.37	.75	AMP
				13#.#	32#.#	21.88	66.54	6#.#	285.67	248.55	185.#	PHASE
241	53.38	14.34	622	6.27	5.15	3.17	.2#	3.42	1.16	2.64	1.65	AMP
				12#.#	323.85	23.37	5#.#	53.19	247.#2	235.11	161.47	PHASE
242	54.11	15.78	622	6.58	5.57	2.48	.41	1.62	1.7#	2.74	1.88	AMP
				189.48	333.77	17.22	277.56	58.#4	243.96	242.56	177.94	PHASE
243	54.42	19.67	622	7.55	6.54	2.2#	1.61	5.55	2.#	3.15	2.14	AMP
				81.73	321.5#	282.88	245.56	269.#5	194.61	193.78	149.63	PHASE
244	46.#1	14.34	621	6.4#	4.24	88	1.#4	5.93	2.27	2.13	.81	AMP
				143.77	313.11	91.45	76.84	51.32	327.82	266.46	156.83	PHASE
245	47.87	15.27	622	6.9#	4.9#	1.75	1.36	5.52	2.12	2.#3	.68	AMP
				144.32	318.2#	84.86	85.#2	61.67	347.79	281.16	2#3.49	PHASE
246	48.88	16.#6	622	7.19	5.23	2.25	1.52	5.62	1.97	2.#6	.4#	AMP
				138.19	31#.#	67.12	69.99	38.71	32#.#	249.43	246.52	PHASE
247	49.92	15.16	622	7.38	5.59	2.78	1.49	5.14	1.94	2.23	.6#	AMP
				137.89	315.42	64.48	76.94	39.27	318.22	262.45	233.94	PHASE
248	5#.#	15.26	622	7.78	5.86	2.93	1.#6	4.34	1.58	2.19	.71	AMP
				131.52	317.25	58.18	63.65	35.#1	3#6.71	25#.#	22#.#	PHASE
249	51.56	17.13	622	7.6#	6.25	2.48	.51	3.48	1.34	2.3#	1.23	AMP
				124.71	322.7#	52.66	55.98	23.56	291.77	244.23	175.88	PHASE
25#	52.15	18.#5	622	7.6#	7.16	.81	1.#7	2.#6	1.37	2.74	1.55	AMP
				11#.#	325.53	345.25	252.#2	345.51	259.21	233.25	169.38	PHASE

TABLE VII.- Continued

(c) Continued

CHORDWISE 25 PERCENT RADIUS												
PT NO	RUN NO		RPM	1#								
	MEAN	1/2 P-P		1P	2P	3P	4P	5P	6P	7P	8P	
213	52.67	33.78	623	19.89	6.88	5.62	3.67	6.61	5.38	1.53	.64	AMP
				387.37	123.28	218.95	31.59	315.81	295.42	346.82	88.81	PHASE
214	52.85	38.88	622	26.82	8.37	9.31	5.87	7.43	5.49	1.75	.67	AMP
				313.99	125.97	287.47	11.98	389.87	294.79	357.59	78.49	PHASE
215	52.51	58.22	622	37.34	18.19	18.85	7.29	7.86	6.29	1.58	1.15	AMP
				338.28	129.32	215.85	17.19	319.95	274.87	312.83	69.56	PHASE
216	51.48	82.44	623	49.68	12.84	28.84	8.79	8.83	11.48	3.31	1.16	AMP
				339.19	125.99	215.97	14.85	383.43	269.93	286.39	43.49	PHASE
217	58.79	98.39	622	62.85	12.64	25.11	9.26	9.67	13.91	3.73	1.12	AMP
				344.46	129.73	227.35	24.88	388.65	383.78	298.87	54.99	PHASE
218	58.78	115.73	622	78.68	13.29	29.63	9.33	9.41	13.81	3.77	.95	AMP
				348.25	137.25	233.77	17.18	311.63	321.99	311.69	57.61	PHASE
219	51.29	122.69	624	86.23	12.75	38.62	8.78	9.82	18.89	3.89	.94	AMP
				348.71	134.24	227.15	35.31	286.88	317.27	382.55	31.63	PHASE
228	51.45	127.59	621	96.48	12.48	33.32	8.85	9.83	8.32	3.61	.79	AMP
				351.76	138.25	227.89	329.61	259.53	311.86	329.38	56.86	PHASE
221	51.64	28.83	622	7.84	1.61	4.19	4.67	5.79	5.48	.73	.56	AMP
				286.18	127.95	221.91	39.72	381.24	247.72	346.85	48.58	PHASE
222	53.85	31.18	621	16.38	4.55	7.38	5.64	5.68	7.28	.64	.45	AMP
				328.45	137.51	283.38	32.85	318.18	384.12	353.12	77.53	PHASE
223	54.21	49.28	622	24.94	5.48	12.85	7.25	4.58	5.45	1.27	.66	AMP
				348.16	137.28	218.41	23.19	322.88	287.65	383.72	63.55	PHASE
224	54.54	71.86	622	37.51	5.78	18.84	9.33	4.98	18.48	2.86	.76	AMP
				352.85	142.88	223.88	23.59	387.87	298.88	388.54	66.65	PHASE
225	55.52	85.48	623	47.81	7.27	22.68	11.24	5.16	12.61	2.48	1.13	AMP
				346.22	128.64	218.73	358.86	263.98	268.51	266.98	7.11	PHASE
226	55.51	188.55	621	66.96	9.31	28.93	13.13	6.26	12.75	2.96	1.27	AMP
				352.88	143.24	228.78	9.32	263.74	384.25	314.14	49.88	PHASE
227	54.69	118.95	621	78.13	9.41	31.85	13.34	7.37	11.87	3.62	1.58	AMP
				355.63	148.69	229.46	352.34	237.96	296.83	318.23	41.88	PHASE
228	53.19	126.31	615	87.11	9.96	33.91	15.55	9.93	14.68	3.88	1.55	AMP
				357.17	148.84	225.78	319.38	224.87	383.26	389.88	28.52	PHASE
236	55.61	29.23	622	14.62	4.21	5.29	3.69	5.59	4.13	1.17	.49	AMP
				261.87	181.11	248.21	42.84	8.97	286.32	342.38	68.92	PHASE
237	54.61	43.58	622	21.35	5.88	7.25	4.58	3.88	13.88	.72	AMP	
				285.83	115.85	252.28	47.38	341.13	242.84	348.55	75.33	PHASE
238	53.44	49.99	623	31.82	9.59	6.97	5.18	7.96	18.86	2.38	.67	AMP
				387.24	128.59	235.79	38.42	315.66	283.88	4.49	71.76	PHASE
239	51.44	57.83	623	41.34	11.92	11.48	6.51	8.12	14.27	2.92	.89	AMP
				321.69	128.74	219.26	38.48	311.23	283.81	331.88	33.86	PHASE
248	49.52	73.86	621	53.99	13.77	15.96	7.49	18.26	16.66	4.84	1.15	AMP
				332.83	138.88	233.28	48.14	327.71	324.81	332.31	38.88	PHASE
241	47.58	91.77	622	65.12	14.98	19.77	8.47	11.53	18.73	5.73	.88	AMP
				348.29	133.32	248.69	34.88	329.72	328.48	389.41	18.22	PHASE
242	46.62	112.77	622	79.39	15.81	22.88	8.85	12.62	18.84	6.42	1.53	AMP
				351.88	142.21	252.75	33.18	349.32	356.46	325.56	36.42	PHASE
243	47.36	142.31	622	98.68	17.22	26.75	18.33	9.17	18.88	6.69	.76	AMP
				356.48	144.26	248.88	4.19	383.78	321.68	288.89	343.98	PHASE
244	58.98	39.51	621	21.65	5.23	6.41	3.85	5.37	5.88	1.12	.35	AMP
				264.43	86.96	251.85	49.45	359.34	268.29	358.75	177.19	PHASE
245	48.89	56.11	622	28.96	7.42	8.25	5.53	3.37	14.53	.99	.62	AMP
				291.47	128.53	287.49	81.13	324.25	272.12	324.64	148.38	PHASE
246	45.97	68.36	622	34.96	18.84	6.94	6.28	7.64	17.83	1.39	.73	AMP
				388.71	121.38	268.56	66.97	283.68	274.84	326.88	133.39	PHASE
247	43.72	64.44	622	42.34	13.42	8.31	6.43	18.63	17.74	1.44	.47	AMP
				316.49	129.42	253.59	88.18	382.59	386.93	296.53	239.48	PHASE
248	42.15	71.43	622	53.32	15.81	12.83	5.93	12.54	17.41	2.73	.34	AMP
				322.67	138.31	244.58	61.58	387.18	318.62	272.65	319.68	PHASE
249	39.39	88.41	622	64.19	17.46	16.33	6.17	12.64	16.82	7.28	.38	AMP
				338.65	134.99	258.74	58.55	338.39	317.24	273.79	339.93	PHASE
258	38.81	187.33	622	76.48	17.51	19.28	5.67	13.89	15.95	8.46	.55	AMP
				346.59	137.82	253.76	22.27	321.38	383.64	268.32	56.88	PHASE

TABLE VII.- Continued

(c) Continued

TORSION 20 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
213	6.77	7.9#	623	6.37	.71	.68	1.27	1.8#	.25	.75	.13 AMP
214	5.83	8.33	622	345.44	88.25	342.81	252.75	323.82	63.91	268.53	94.37 PHASE
215	3.1#	9.68	622	6.85	.59	.62	1.28	.99	.89	.75	.11 AMP
216	.95	12.13	623	349.32	56.82	338.18	246.24	321.86	48.53	253.98	188.77 PHASE
217	-1.27	14.62	622	7.79	.7#	.49	1.5#	.93	.11	1.87	.83 AMP
218	-3.83	18.1#	622	355.43	51.3#	316.85	246.59	311.88	92.74	246.52	18.31 PHASE
219	-5.84	28.61	624	9.28	1.8#	.77	1.78	1.8#	.86	1.89	.15 AMP
220	-6.68	22.91	621	357.3#	67.98	257.88	238.26	384.89	68.69	226.88	141.83 PHASE
221	7.86	6.25	622	18.91	1.35	1.25	1.89	1.38	.14	.99	.17 AMP
222	5.94	6.87	621	3.54	91.12	244.28	258.37	319.53	8.61	248.41	156.61 PHASE
223	4.2#	7.42	622	13.23	2.84	2.82	2.14	1.88	.64	.88	.22 AMP
224	2.18	9.31	622	7.71	181.83	237.65	256.96	328.81	358.85	258.28	221.73 PHASE
225	.47	18.41	623	14.84	2.46	2.63	2.46	2.39	1.8#	.91	.28 AMP
226	-1.61	12.32	621	5.29	94.56	231.68	251.23	315.85	325.97	232.45	217.87 PHASE
227	-2.79	14.8#	621	16.87	2.98	3.27	2.49	2.38	1.26	1.87	.18 AMP
228	-3.83	15.97	615	5.18	92.33	237.68	268.27	317.83	387.99	248.16	266.65 PHASE
236	18.81	8.7#	622	5.19	1.48	.69	1.85	1.85	.18	.38	.87 AMP
237	8.15	9.87	622	334.25	78.73	324.82	237.77	287.76	98.73	238.67	43.12 PHASE
238	5.99	9.82	623	5.71	.41	.68	1.12	.96	.12	.42	.85 AMP
239	3.63	11.74	623	347.17	57.72	346.32	246.42	388.68	34.8#	257.34	93.84 PHASE
240	1.22	14.41	621	6.32	.43	.59	1.24	1.13	.89	.64	.84 AMP
241	-1.72	17.56	622	352.66	31.93	336.75	249.86	291.61	358.96	251.92	31.43 PHASE
242	-4.98	21.65	622	7.34	.53	.58	1.64	1.26	.83	.76	.88 AMP
243	-9.51	27.27	622	358.87	34.31	328.33	248.76	293.86	251.24	249.63	218.85 PHASE
244	11.59	9.78	621	8.19	.57	.48	1.74	1.44	.89	.75	.89 AMP
245	8.47	18.29	622	357.83	29.99	277.51	225.87	268.49	181.93	213.81	186.56 PHASE
246	6.24	18.98	622	9.59	.65	.72	2.85	1.51	.15	.63	.23 AMP
247	3.6#	12.97	622	5.13	67.75	237.47	245.79	382.91	145.88	239.31	233.89 PHASE
248	1.18	15.87	622	18.68	.95	1.28	2.15	1.52	.29	.62	.28 AMP
249	-2.35	19.58	622	6.89	88.87	225.36	244.88	388.68	187.49	225.65	223.37 PHASE
250	-6.23	24.3#	622	11.87	1.39	1.78	2.31	1.77	.28	.68	.19 AMP
				4.7#	85.64	211.16	236.95	385.38	51.13	212.49	237.97 PHASE
				6.17	1.37	.77	1.36	1.41	.88	.73	.27 AMP
				332.73	112.51	2.57	269.95	383.83	317.13	252.88	148.18 PHASE
				6.53	1.17	.92	1.28	1.39	.23	.89	.32 AMP
				341.82	187.93	12.73	278.95	385.22	334.88	259.79	184.87 PHASE
				7.31	1.19	.83	1.25	1.44	.17	.93	.47 AMP
				349.71	95.89	23.82	273.64	318.91	285.69	265.35	287.71 PHASE
				8.63	1.48	.54	1.43	1.68	.33	1.11	.52 AMP
				351.76	83.15	356.33	264.58	282.81	259.16	254.81	187.14 PHASE
				18.29	1.91	.37	1.86	1.92	.42	1.85	.58 AMP
				359.85	98.82	313.17	265.56	296.74	311.28	278.11	199.87 PHASE
				12.89	2.47	1.14	2.19	2.42	.61	1.21	.66 AMP
				3.89	98.65	268.18	263.31	286.75	324.83	271.64	187.68 PHASE
				16.21	2.66	2.34	2.76	3.18	.97	1.49	.52 AMP
				7.45	187.89	279.66	273.76	388.58	344.88	298.38	214.21 PHASE
				21.69	2.86	5.35	2.96	4.29	2.24	2.85	.49 AMP
				1.43	118.76	275.38	267.61	272.23	288.89	265.28	272.76 PHASE
				6.67	1.69	.41	.94	1.49	.43	.76	.59 AMP
				336.56	116.58	49.78	279.57	317.46	335.99	277.11	185.28 PHASE
				7.48	1.42	.13	.82	1.13	.41	.97	.55 AMP
				349.39	121.15	56.76	382.94	317.43	358.84	277.82	218.41 PHASE
				8.47	1.58	.85	.73	1.31	.39	1.85	.45 AMP
				349.98	186.15	285.54	281.41	285.18	314.53	252.32	188.26 PHASE
				18.87	1.97	.24	.74	1.72	.55	1.84	.58 AMP
				356.12	184.12	192.91	267.33	288.36	388.54	271.89	281.38 PHASE
				11.68	2.23	.39	1.13	2.87	.71	1.18	.62 AMP
				357.78	188.41	216.21	256.58	282.31	318.25	263.36	197.93 PHASE
				15.87	2.88	.95	1.55	2.69	.68	1.39	.76 AMP
				1.68	182.48	255.43	267.85	293.38	337.91	269.71	177.68 PHASE
				18.99	2.36	2.48	1.88	2.82	.49	1.64	.11 AMP
				1.43	97.51	288.88	286.51	384.92	4.83	268.35	154.76 PHASE

TABLE VII.- Continued

(c) Continued

FLAPWISE 37 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
213	34.78	15.85	623	8.58	4.61	3.76	.44	2.51	.38	.26	.38	AMP
214	35.96	16.82	622	138.44	318.71	3.93	321.38	67.87	254.82	176.31	198.28	PHASE
215	37.84	16.58	622	9.14	4.82	4.38	.54	2.27	.47	.23	.32	AMP
216	37.89	16.96	623	136.35	316.28	359.83	311.86	63.83	238.38	158.78	178.65	PHASE
217	39.88	18.88	622	18.27	5.38	4.84	.56	2.21	.58	.23	.29	AMP
218	48.86	19.28	622	137.48	316.49	6.46	386.87	58.31	237.35	161.34	172.68	PHASE
219	48.38	19.66	624	11.88	5.61	5.18	.46	2.33	.56	.27	.27	AMP
220	48.68	19.98	621	132.42	388.16	2.37	274.85	44.61	289.44	178.52	157.66	PHASE
221	34.68	18.98	622	11.94	5.55	5.58	.31	2.56	.58	.25	.26	AMP
222	35.88	13.84	621	131.56	318.61	9.13	269.92	61.89	288.71	215.99	184.89	PHASE
223	36.92	13.78	622	12.51	5.71	5.65	.66	2.49	.69	.28	.28	AMP
224	38.89	15.88	622	129.94	312.96	12.79	225.38	81.24	184.36	243.53	212.59	PHASE
225	39.23	15.72	623	12.55	5.96	5.21	.99	2.65	.79	.35	.21	AMP
226	48.47	16.88	621	125.37	386.92	3.87	197.17	77.61	158.39	245.45	223.14	PHASE
227	41.86	17.57	621	12.64	6.31	5.82	1.33	2.61	.95	.24	.12	AMP
228	32.62	14.58	622	121.75	387.24	358.63	192.38	91.38	152.37	239.88	285.88	PHASE
229	33.55	15.95	622	6.67	2.99	2.93	.45	2.48	.28	.14	.31	AMP
230	34.57	16.81	623	132.15	321.88	358.76	354.83	28.53	291.15	283.86	168.44	PHASE
231	35.37	17.47	623	7.66	3.98	4.84	.57	2.21	.32	.24	.38	AMP
232	36.38	18.48	615	139.82	322.25	2.79	348.74	44.53	268.12	191.91	178.88	PHASE
233	37.63	19.13	622	8.47	4.31	4.57	.68	2.39	.39	.21	.27	AMP
234	38.81	14.85	621	138.81	321.78	4.76	334.97	34.29	265.29	196.83	163.39	PHASE
235	32.25	16.23	622	9.61	5.82	5.22	.79	2.78	.38	.27	.27	AMP
236	32.97	17.53	622	139.45	323.79	8.88	328.43	37.68	257.61	237.46	152.68	PHASE
237	33.68	18.22	622	18.51	5.18	5.57	.98	3.88	.28	.34	.25	AMP
238	34.47	19.58	622	132.65	313.88	354.57	318.88	14.33	224.46	213.88	113.95	PHASE
239	34.96	18.48	621	11.79	5.51	6.18	1.13	2.88	.38	.58	.26	AMP
240	35.54	28.64	622	136.31	322.91	9.22	326.74	48.91	228.77	261.88	147.46	PHASE
241	35.96	18.79	622	12.18	5.84	6.87	1.89	2.88	.25	.53	.16	AMP
242	36.95	18.79	622	134.74	319.28	5.94	388.36	37.87	191.78	263.18	117.61	PHASE
243	37.63	19.13	622	12.55	6.11	5.89	.83	2.58	.34	.38	.17	AMP
244	38.81	14.85	621	129.69	312.49	359.28	298.18	39.78	151.63	246.79	93.88	PHASE
245	38.81	14.85	621	8.38	4.28	2.37	.21	3.18	.58	.13	.31	AMP
246	39.23	15.72	623	134.56	313.21	352.21	292.27	52.57	289.19	184.88	195.46	PHASE
247	39.88	18.88	622	9.48	4.75	2.99	.13	3.43	.48	.19	.84	AMP
248	40.86	19.28	622	137.82	314.36	3.26	355.89	59.74	322.69	168.83	244.13	PHASE
249	41.86	17.57	621	18.46	5.29	3.47	.17	3.31	.31	.26	.85	AMP
250	41.86	17.57	621	139.48	315.59	13.82	99.67	78.63	318.65	161.55	2.12	PHASE
251	41.86	17.57	621	11.41	5.82	3.99	.32	3.85	.33	.33	.16	AMP
252	41.86	17.57	621	135.98	388.21	9.76	81.89	48.98	281.91	149.62	359.95	PHASE
253	41.86	17.57	621	12.29	6.22	4.72	.55	2.83	.23	.29	.15	AMP
254	41.86	17.57	621	135.74	311.94	18.76	182.82	65.38	245.39	181.66	343.89	PHASE
255	41.86	17.57	621	12.88	6.78	5.81	.57	2.11	.51	.25	.49	AMP
256	41.86	17.57	621	133.86	313.24	22.51	94.51	55.52	282.24	288.21	322.73	PHASE
257	41.86	17.57	621	13.35	7.64	4.53	.56	1.17	.79	.36	.55	AMP
258	41.86	17.57	621	133.72	319.84	29.54	148.82	56.14	283.67	241.87	338.58	PHASE
259	41.86	17.57	621	13.15	9.88	2.46	.88	2.65	.89	.28	.58	AMP
260	41.86	17.57	621	125.28	386.37	353.98	288.88	333.63	149.42	153.16	382.58	PHASE
261	41.86	17.57	621	9.96	4.77	1.82	.34	3.14	.48	.28	.89	AMP
262	41.86	17.57	621	136.98	315.25	41.84	183.75	62.15	314.81	158.98	294.78	PHASE
263	41.86	17.57	621	11.68	5.78	1.96	.63	2.98	.48	.31	.89	AMP
264	41.86	17.57	621	141.79	315.31	57.55	188.34	68.68	357.18	168.92	37.48	PHASE
265	41.86	17.57	621	12.58	6.31	2.57	.82	3.81	.35	.32	.23	AMP
266	41.86	17.57	621	137.12	386.11	44.89	83.25	44.28	325.91	149.46	92.89	PHASE
267	41.86	17.57	621	13.32	6.98	3.98	.98	2.85	.39	.28	.34	AMP
268	41.86	17.57	621	138.56	389.51	42.78	85.61	43.65	332.48	141.98	97.43	PHASE
269	41.86	17.57	621	14.81	7.48	3.96	.76	2.41	.21	.36	.36	AMP
270	41.86	17.57	621	136.58	388.79	32.28	88.91	39.43	317.43	141.16	95.32	PHASE
271	41.86	17.57	621	14.61	8.36	4.84	.51	2.84	.84	.22	.25	AMP
272	41.86	17.57	621	136.19	312.45	36.58	118.26	24.75	233.91	151.81	12.69	PHASE
273	41.86	17.57	621	14.64	9.86	2.59	1.85	1.38	.33	.29	.42	AMP
274	41.86	17.57	621	133.64	312.49	15.84	215.43	345.98	288.62	174.87	345.48	PHASE

TABLE VII.- Continued

(c) Continued

CHORDWISE 37 PERCENT RADIUS												
RUN NO	1#											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
213	29.55	33.99	623	15.79	5.41	4.19	5.92	6.98	9.82	3.81	1.42	AMP
214	29.39	37.58	622	381.88	116.78	239.88	25.56	323.85	295.82	354.61	117.57	PHASE
215	28.33	51.71	622	21.26	6.64	6.66	7.64	8.21	9.11	4.21	1.51	AMP
216	26.22	74.13	623	388.66	121.55	226.44	15.33	316.29	293.78	1.44	91.55	PHASE
217	24.45	85.89	622	29.76	8.23	11.28	18.55	8.26	18.34	2.28	2.71	AMP
218	22.88	188.36	622	323.61	125.39	238.31	19.64	326.47	273.93	327.44	82.83	PHASE
219	22.65	181.13	624	39.27	18.87	16.87	12.42	9.78	18.29	5.12	2.22	AMP
220	21.98	184.59	621	331.91	124.86	231.94	15.79	388.14	269.86	275.28	62.51	PHASE
221	28.38	21.68	622	49.93	12.32	28.95	13.58	11.53	21.55	6.52	1.92	AMP
222	28.77	32.64	621	337.47	129.34	243.41	23.32	313.14	383.16	282.71	65.84	PHASE
223	29.24	46.91	622	62.68	13.98	25.47	13.72	18.96	19.67	7.22	2.83	AMP
224	29.88	64.83	622	341.82	136.58	249.34	18.25	315.17	321.26	288.81	58.15	PHASE
225	29.23	75.56	623	68.83	14.64	26.94	12.67	18.89	14.85	7.88	2.84	AMP
226	28.18	96.99	621	342.42	133.44	241.23	359.88	287.21	315.59	283.24	14.38	PHASE
227	26.85	188.46	621	75.57	16.83	29.79	12.18	18.58	11.71	7.82	1.54	AMP
228	25.48	184.74	615	345.79	138.88	239.97	344.93	252.78	387.61	312.14	15.86	PHASE
229	25.85	75.58	621	6.68	1.53	3.89	5.96	1.22	8.52	1.97	1.28	AMP
230	25.48	64.83	622	285.35	137.15	237.46	31.88	5.73	247.99	342.68	83.19	PHASE
231	25.85	75.58	621	13.82	3.72	4.88	7.67	6.36	11.87	1.39	1.26	AMP
232	25.85	75.58	621	321.63	135.42	222.81	32.45	324.96	382.29	2.63	118.99	PHASE
233	25.85	75.58	621	19.28	4.69	8.42	9.68	6.71	13.32	1.37	1.66	AMP
234	25.85	75.58	621	331.98	135.36	227.23	27.28	329.78	286.26	279.38	98.82	PHASE
235	25.85	75.58	621	28.18	5.34	13.27	12.85	6.88	16.55	4.22	1.73	AMP
236	33.16	32.16	622	343.34	148.49	238.45	26.75	324.69	288.32	287.78	96.41	PHASE
237	32.88	45.25	622	35.78	6.34	17.36	14.67	5.58	19.88	5.66	1.72	AMP
238	38.52	52.88	623	337.71	127.38	224.89	2.77	286.85	266.98	244.68	41.45	PHASE
239	28.82	68.75	623	58.72	8.18	22.97	17.39	5.37	19.79	6.48	2.25	AMP
240	25.85	75.58	621	345.25	139.59	242.18	14.66	281.41	382.15	283.94	68.75	PHASE
241	21.71	93.42	622	58.68	8.85	25.94	17.63	5.75	18.28	7.46	2.45	AMP
242	19.29	188.61	622	347.89	136.19	241.79	9.2	247.13	294.76	291.86	46.41	PHASE
243	18.88	118.68	622	64.97	9.86	28.26	18.17	8.65	21.87	7.49	2.85	AMP
244	29.52	38.88	621	349.14	134.25	236.96	332.28	224.19	388.84	294.15	12.65	PHASE
245	26.81	55.23	622	12.58	3.44	4.37	4.87	7.46	5.15	2.54	.34	AMP
246	24.56	63.88	622	262.38	99.73	258.49	34.81	13.23	289.56	8.61	78.43	PHASE
247	21.64	66.98	622	18.15	5.37	6.45	6.84	5.83	19.68	2.88	1.41	AMP
248	19.24	75.85	622	283.48	189.39	268.14	37.63	357.68	248.86	358.68	57.78	PHASE
249	15.34	91.23	622	26.26	8.78	6.62	7.52	8.43	16.81	5.29	1.76	AMP
250	13.11	97.66	622	383.55	115.44	253.47	36.41	328.37	283.71	14.36	84.14	PHASE
				33.99	11.19	9.84	9.54	9.44	22.43	4.74	1.83	AMP
				315.57	117.47	238.88	38.94	319.78	285.81	355.39	48.91	PHASE
				43.99	13.34	13.58	11.89	12.53	26.83	5.26	2.83	AMP
				327.12	127.85	252.79	41.66	334.19	327.24	345.21	44.73	PHASE
				53.63	15.13	17.13	12.48	15.78	29.86	8.88	2.43	AMP
				335.17	132.61	259.31	37.16	336.99	331.52	387.45	18.19	PHASE
				65.83	16.98	28.58	12.87	17.85	27.59	18.13	3.68	AMP
				345.75	143.48	269.84	38.82	353.76	359.82	328.52	16.77	PHASE
				79.25	28.86	25.25	13.12	14.11	27.47	11.58	2.93	AMP
				351.81	147.77	257.98	8.16	318.66	327.89	282.93	388.97	PHASE
				17.88	4.52	5.22	3.93	8.31	7.24	2.33	.48	AMP
				263.34	85.88	251.86	47.32	7.47	258.57	24.34	248.43	PHASE
				24.22	7.48	7.35	6.96	3.44	21.97	1.97	.83	AMP
				298.28	116.78	289.84	73.72	338.43	278.86	16.28	92.32	PHASE
				29.45	18.88	7.88	8.21	8.48	27.12	3.89	1.36	AMP
				299.26	118.18	276.86	62.39	288.31	275.12	.85	91.32	PHASE
				35.79	13.51	8.82	8.65	12.78	27.46	2.86	1.84	AMP
				314.56	128.16	273.84	77.16	389.48	389.75	7.66	112.94	PHASE
				44.79	15.18	18.89	8.68	15.73	27.84	2.89	1.68	AMP
				328.76	129.23	265.54	68.42	315.11	314.71	298.67	54.87	PHASE
				54.67	18.84	14.78	9.22	18.21	25.83	18.31	1.96	AMP
				325.85	135.58	271.95	58.81	339.74	324.14	271.45	29.25	PHASE
				65.28	19.28	18.82	8.41	19.19	24.87	13.88	2.58	AMP
				343.88	141.82	274.74	25.21	328.28	389.53	263.34	38.47	PHASE

TABLE VII.- Continued

(c) Continued

TORSION 36 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
213	5.31	8.14	623	6.66	.88	.32	1.88	.91	.26	.47	.87	AMP
214	3.58	8.41	622	338.78	82.89	314.78	223.28	277.25	48.49	221.35	28.29	PHASE
215	1.45	9.63	622	7.14	.63	.27	1.86	.98	.15	.53	.87	AMP
216	-.81	11.63	623	341.84	67.51	381.79	215.78	275.38	43.34	215.91	122.48	PHASE
217	-3.18	13.98	622	8.18	.76	.24	1.38	.98	.18	.91	.86	AMP
218	-5.74	17.82	622	347.37	65.98	247.14	215.62	268.45	62.88	281.75	265.16	PHASE
219	-6.97	19.83	624	9.53	1.14	.73	1.68	1.81	.19	.73	.88	AMP
220	-8.55	21.19	621	349.83	72.22	283.85	288.18	257.58	47.28	181.62	81.21	PHASE
221	5.48	6.76	622	11.83	1.52	1.25	1.71	1.26	.19	.52	.12	AMP
222	3.47	7.41	621	355.88	87.97	281.82	219.27	274.65	29.29	195.53	98.44	PHASE
223	1.88	7.96	622	13.82	2.14	1.95	1.95	1.71	.44	.67	.13	AMP
224	-1.19	8.97	622	358.75	92.28	288.39	227.64	288.39	324.38	289.88	157.36	PHASE
225	-1.88	9.96	623	14.43	2.52	2.39	2.21	2.16	.78	.68	.11	AMP
226	-3.98	11.91	621	356.18	84.48	195.99	222.82	277.54	293.84	194.28	158.77	PHASE
227	5.86	13.42	621	16.19	2.92	2.81	2.28	2.22	.98	.88	.12	AMP
228	-6.12	15.33	615	355.93	81.41	282.31	232.54	281.61	271.86	288.18	283.72	PHASE
229	8.57	18.95	623	5.64	.57	.31	.91	.94	.13	.23	.84	AMP
230	-2.58	15.41	622	329.31	78.18	381.83	289.22	243.93	44.18	192.37	322.36	PHASE
231	-5.44	19.13	622	6.15	.58	.38	.98	.98	.14	.38	.83	AMP
232	9.43	23.56	622	348.88	78.88	319.86	215.18	256.82	36.15	224.21	61.96	PHASE
233	1.88	7.96	622	6.79	.48	.22	1.18	1.82	.88	.44	.84	AMP
234	-1.19	8.97	622	345.29	55.96	299.88	216.24	249.22	16.21	287.48	381.65	PHASE
235	-3.18	13.98	622	7.79	.47	.19	1.39	1.17	.88	.55	.82	AMP
236	-5.74	17.82	622	358.88	52.77	234.88	216.88	251.47	79.67	282.43	122.71	PHASE
237	-8.55	21.19	621	8.57	.58	.34	1.57	1.32	.11	.56	.88	AMP
238	5.48	6.76	622	348.54	49.87	187.47	192.61	226.25	71.53	165.52	81.55	PHASE
239	3.47	7.41	621	9.82	.69	.83	1.82	1.35	.22	.48	.18	AMP
240	-1.19	8.97	622	356.28	82.62	185.78	213.28	268.79	82.28	191.15	186.32	PHASE
241	-3.18	13.98	621	18.75	1.81	1.24	1.89	1.33	.47	.18	.18	AMP
242	-5.74	17.82	622	357.13	86.98	183.59	211.91	266.63	57.97	176.97	182.71	PHASE
243	-8.55	21.19	623	11.81	1.46	1.78	2.81	1.54	.34	.49	.12	AMP
244	5.86	13.42	621	355.48	85.83	174.93	284.89	266.25	18.78	167.56	287.27	PHASE
245	1.45	9.63	622	6.35	1.48	.54	1.21	1.27	.82	.44	.18	AMP
246	-3.18	13.98	622	326.83	182.65	344.32	238.15	268.84	339.36	211.66	98.48	PHASE
247	-5.74	17.82	622	334.47	1.31	.65	1.12	1.28	.14	.55	.19	AMP
248	8.57	18.95	623	7.44	1.26	.55	1.88	1.35	.85	.62	.27	AMP
249	3.47	7.41	621	341.88	93.13	6.94	244.37	267.33	228.83	219.25	159.24	PHASE
250	1.88	7.96	622	8.67	1.53	.22	1.32	1.51	.13	.76	.38	AMP
251	-3.18	13.98	621	343.38	78.22	335.71	233.44	242.57	282.83	218.11	141.99	PHASE
252	-5.74	17.82	622	18.27	1.92	.27	1.72	1.73	.23	.74	.25	AMP
253	-8.55	21.19	622	358.22	82.74	221.27	234.84	259.57	264.25	235.63	158.52	PHASE
254	5.48	6.76	621	12.41	2.36	.98	2.88	2.86	.48	.85	.48	AMP
255	1.45	9.63	622	353.56	86.11	219.28	233.84	249.92	274.14	231.16	136.14	PHASE
256	-3.18	13.98	622	15.32	2.49	1.83	2.67	2.61	.71	.86	.36	AMP
257	-5.74	17.82	622	357.41	92.42	241.34	245.38	264.14	298.48	249.91	168.16	PHASE
258	-8.55	21.19	622	19.93	1.86	.84	3.85	3.48	1.85	2.87	.48	AMP
259	5.48	6.76	621	358.57	86.62	246.92	241.88	238.38	236.35	222.11	215.89	PHASE
260	1.88	7.96	622	6.76	1.88	.41	.85	1.32	.27	.47	.37	AMP
261	-3.18	13.98	622	328.75	187.21	18.83	242.87	274.65	385.41	235.51	132.88	PHASE
262	-5.74	17.82	622	7.49	1.62	.89	.88	1.88	.24	.62	.34	AMP
263	8.57	18.95	623	348.32	112.24	34.41	263.97	274.78	317.48	238.88	154.53	PHASE
264	3.47	7.41	621	8.35	1.74	.15	.76	1.12	.18	.78	.25	AMP
265	-1.19	8.97	622	348.21	97.67	165.52	242.92	243.83	284.78	285.66	128.69	PHASE
266	-3.18	13.98	622	9.76	2.85	.45	.88	1.43	.31	.78	.34	AMP
267	-5.74	17.82	622	345.87	92.32	159.49	234.46	239.87	256.79	228.26	148.69	PHASE
268	8.57	18.95	623	11.28	2.35	.61	1.22	1.67	.47	.75	.39	AMP
269	3.47	7.41	621	347.23	87.38	169.97	227.41	248.76	268.24	222.43	144.56	PHASE
270	-1.19	8.97	622	14.18	2.69	.89	1.68	2.11	.51	.85	.47	AMP
271	-3.18	13.98	622	358.78	85.36	283.99	237.71	252.15	298.68	223.58	132.44	PHASE
272	-5.74	17.82	622	17.47	2.27	1.78	1.96	2.81	.39	.99	.63	AMP
273	8.57	18.95	623	358.84	76.11	254.76	268.56	266.65	319.81	213.16	185.55	PHASE

TABLE VII.- Continued

(c) Continued

FLAPWISE 51 PERCENT RADIUS											
RUN NO		I#									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
213	21.17	17.72	623	11.82	6.31	5.27	.95	.97	.57	1.65	.93 AMP
				129.38	386.42	358.32	312.92	245.46	128.52	41.57	218.28 PHASE
214	22.27	18.78	622	11.99	6.59	6.23	.91	.97	.48	1.63	.58 AMP
				129.41	381.58	354.55	308.24	241.48	121.68	38.96	284.12 PHASE
215	23.86	21.74	622	13.57	7.48	7.86	.98	.92	.39	1.93	.68 AMP
				131.82	388.31	359.82	313.64	251.84	189.55	32.35	179.11 PHASE
216	23.68	24.85	623	15.13	8.14	7.51	.84	.97	.39	2.85	.46 AMP
				125.64	298.91	354.86	385.88	236.78	81.49	9.27	176.15 PHASE
217	24.53	26.14	622	16.43	8.46	8.16	.82	1.84	.26	2.85	.45 AMP
				138.12	291.56	359.33	387.48	248.93	76.97	15.58	184.51 PHASE
218	25.58	27.57	622	17.49	8.83	8.63	.62	1.15	.38	2.87	.89 AMP
				138.36	291.77	2.31	312.66	255.23	63.56	15.96	276.26 PHASE
219	25.62	27.73	624	17.74	9.21	8.17	.36	1.24	.26	2.36	.55 AMP
				127.88	284.95	353.24	296.81	237.31	31.56	349.13	269.82 PHASE
228	25.93	28.54	621	18.84	9.68	8.18	.87	1.17	.41	2.52	.88 AMP
				125.89	284.81	358.38	261.69	239.54	28.23	344.35	284.62 PHASE
221	22.83	12.23	622	8.53	3.98	3.85	.62	.83	.39	.71	.58 AMP
				124.19	386.74	343.23	286.32	225.59	189.38	19.99	165.18 PHASE
222	22.76	14.99	621	9.98	5.16	5.46	.56	.81	.43	.78	.53 AMP
				131.32	387.96	355.85	387.12	234.44	132.85	37.43	177.85 PHASE
223	23.66	17.13	622	11.88	5.69	6.29	.44	.81	.92	.92	.59 AMP
				132.51	385.95	358.19	381.18	226.17	123.73	31.68	159.47 PHASE
224	24.51	19.91	622	12.63	6.66	7.41	.48	.93	.25	.91	.52 AMP
				135.28	386.61	2.89	389.37	242.26	121.76	21.58	157.76 PHASE
225	25.54	21.71	623	13.93	7.88	8.86	.35	.91	.19	.81	.55 AMP
				138.89	295.88	348.76	388.88	222.38	66.98	337.46	187.94 PHASE
226	26.73	24.43	621	15.68	7.65	9.86	.25	.93	.21	.78	.64 AMP
				135.28	383.16	3.46	343.37	245.92	63.35	349.51	111.71 PHASE
227	27.28	25.18	621	16.48	8.87	9.21	.22	1.83	.23	1.81	.45 AMP
				134.92	297.59	.26	356.88	246.99	8.96	338.98	94.59 PHASE
228	27.37	26.64	615	17.89	8.26	9.28	.31	.92	.38	1.18	.68 AMP
				138.91	298.82	353.42	63.83	231.45	344.54	319.84	99.72 PHASE
236	18.69	16.14	622	18.16	5.99	3.47	.63	1.12	1.81	1.97	.59 AMP
				125.43	387.28	346.45	298.59	212.78	113.48	47.75	257.13 PHASE
237	19.54	17.48	622	11.59	6.53	4.43	.64	.95	1.14	2.12	.52 AMP
				138.84	387.45	356.63	311.38	222.64	118.38	62.93	353.46 PHASE
238	28.33	19.82	623	13.85	7.25	5.85	.67	.83	1.82	1.95	.69 AMP
				133.29	386.48	2.61	318.25	228.85	125.25	78.52	22.42 PHASE
239	28.97	21.81	623	14.78	7.85	5.67	.63	.72	.95	2.38	1.81 AMP
				131.16	297.86	357.83	314.76	191.41	92.87	54.74	1.69 PHASE
248	21.79	23.94	621	16.16	8.57	6.55	.77	.49	.94	2.39	1.88 AMP
				132.85	388.84	6.38	344.26	287.71	93.78	66.19	1.55 PHASE
241	22.39	25.82	622	17.38	9.38	6.73	.89	.24	.95	2.72	1.98 AMP
				132.24	388.23	9.44	7.53	157.12	73.51	53.72	341.84 PHASE
242	22.91	27.59	622	18.49	18.49	6.25	.82	.32	1.87	2.84	2.17 AMP
				134.64	385.49	15.74	55.84	128.63	67.57	65.31	359.82 PHASE
243	22.81	29.41	622	18.58	13.46	4.59	.58	.29	1.57	3.15	2.76 AMP
				129.75	293.27	348.98	99.47	15.64	28.51	18.52	327.29 PHASE
244	16.71	16.22	621	11.28	6.43	2.14	.34	1.33	1.38	1.98	1.82 AMP
				127.85	311.84	12.68	292.86	289.74	133.82	76.91	336.72 PHASE
245	17.89	28.89	622	13.44	7.61	3.21	.53	.92	1.24	2.84	.93 AMP
				135.19	318.23	33.37	323.95	227.65	136.88	88.38	13.98 PHASE
246	18.45	21.81	622	14.55	8.38	3.72	.78	.98	1.16	1.89	.37 AMP
				132.84	299.17	28.58	388.48	282.71	114.66	68.68	358.83 PHASE
247	19.83	23.98	622	16.12	8.91	4.59	.83	.74	1.17	1.92	.76 AMP
				134.17	381.41	24.18	338.88	193.46	118.51	74.27	8.69 PHASE
248	19.72	26.81	622	17.18	9.69	5.54	.91	.64	.93	2.88	.99 AMP
				133.65	299.13	15.83	345.84	186.17	181.18	68.28	5.52 PHASE
249	19.99	28.39	622	18.25	11.34	5.98	.78	.56	.83	2.27	1.78 AMP
				135.26	388.98	17.24	9.21	183.78	74.54	52.76	344.88 PHASE
258	28.19	38.13	622	18.68	13.98	5.22	.37	.28	1.87	2.88	2.35 AMP
				135.56	388.52	359.43	18.68	228.74	28.84	39.38	341.28 PHASE

TABLE VII.- Continued

(c) Continued

CHORDWISE 51 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
213	27.92	38.50	623	15.45	4.84	3.95	7.44	7.60	11.45	5.15	1.99
				298.66	115.97	261.52	29.59	323.94	296.28	3.40	132.66
214	27.58	43.78	622	20.30	5.88	5.96	9.64	8.85	11.46	5.69	2.12
				304.29	118.66	246.24	19.41	316.13	296.87	8.07	101.00
215	26.70	53.16	622	27.54	7.44	9.71	12.62	9.20	12.93	2.82	3.91
				316.94	120.48	246.73	23.25	327.65	276.29	341.86	93.44
216	24.35	75.81	623	35.77	9.99	14.15	14.59	10.92	22.86	6.18	3.29
				324.29	120.08	245.52	16.82	310.28	272.01	279.93	80.22
217	21.50	84.07	622	45.38	11.45	19.14	16.19	12.43	27.02	8.29	2.73
				330.48	124.69	254.55	23.19	317.07	305.58	285.29	88.44
218	18.07	93.23	622	56.66	13.46	24.10	17.09	11.41	24.67	9.68	2.31
				335.32	130.03	258.04	18.46	318.75	323.46	291.32	64.23
219	18.19	91.83	624	61.10	14.98	26.04	16.14	10.17	18.69	10.71	2.38
				336.16	126.37	248.50	.08	287.05	317.01	288.30	15.90
220	16.81	100.99	621	67.31	17.54	29.79	15.50	12.00	15.03	9.59	1.92
				340.47	131.76	247.14	350.75	246.20	307.70	317.67	6.40
221	24.70	27.22	622	6.74	1.38	2.94	6.96	1.27	10.66	2.71	1.81
				207.58	151.06	258.72	30.85	6.39	250.28	345.31	89.54
222	24.13	36.60	621	12.47	3.29	4.12	9.31	6.63	14.09	1.71	1.87
				316.20	135.00	246.33	34.30	325.76	304.10	14.28	124.63
223	24.29	50.46	622	17.05	4.18	7.28	11.61	7.25	16.95	1.65	2.58
				325.51	135.33	245.95	30.95	332.61	287.90	270.36	112.14
224	24.25	66.81	622	25.43	4.70	11.68	14.35	6.74	20.91	5.71	2.93
				335.65	138.62	253.86	30.59	330.61	289.57	285.07	116.58
225	24.43	77.65	623	32.26	5.60	15.10	17.42	5.76	25.04	7.76	2.62
				330.53	126.88	238.28	6.26	295.66	268.53	242.40	61.58
226	23.26	93.59	621	44.76	6.99	20.55	20.85	5.04	24.94	9.19	3.06
				330.41	137.04	254.70	10.58	287.01	304.01	202.20	84.42
227	22.37	91.62	621	51.17	7.52	23.59	21.02	5.23	22.75	10.28	3.15
				340.72	130.30	253.15	5.65	246.03	296.50	291.39	54.23
228	21.28	95.37	615	56.19	8.62	26.03	21.09	8.43	26.91	10.17	2.38
				341.38	126.49	246.57	339.96	221.62	301.26	296.93	15.67
236	33.74	34.89	622	12.55	3.33	4.23	5.52	8.07	6.47	3.02	.53
				264.62	100.75	260.95	36.23	14.08	211.20	16.05	90.64
237	32.89	48.31	622	17.56	5.07	6.15	7.07	5.45	24.24	2.83	2.01
				282.25	100.01	268.73	38.79	.35	243.11	3.41	62.01
238	32.03	55.20	623	24.39	8.02	6.25	8.85	8.81	20.04	7.13	2.41
				299.79	113.19	265.25	39.07	326.00	286.76	22.12	90.42
239	29.00	67.00	623	31.47	10.48	8.86	11.10	10.15	27.04	6.29	2.61
				311.00	111.95	249.67	32.94	323.37	280.60	6.63	68.62
240	27.02	81.00	621	40.77	12.55	12.51	13.13	14.17	32.44	6.21	2.33
				321.58	121.34	263.92	43.77	339.96	300.32	.45	60.23
241	23.55	101.02	622	50.09	14.32	15.90	14.97	10.19	36.33	8.44	2.80
				323.93	124.04	260.91	37.52	344.74	335.43	315.97	16.71
242	20.40	103.71	622	60.43	16.94	19.64	16.39	20.50	34.60	11.38	4.99
				339.62	136.08	277.16	37.00	2.21	4.00	326.31	17.00
243	17.74	115.97	622	71.79	22.00	26.43	17.20	16.00	34.62	13.50	5.12
				346.64	144.60	266.14	.04	318.59	333.04	290.47	305.29
244	30.91	38.75	621	16.51	4.23	4.54	4.34	6.46	8.69	3.31	.52
				263.05	88.13	258.01	53.95	7.29	250.61	35.35	293.07
245	29.24	56.42	622	22.56	6.95	6.26	7.48	3.47	27.26	2.86	1.58
				287.38	113.81	291.04	74.97	340.31	272.08	34.53	86.57
246	27.50	64.53	622	27.26	10.13	5.92	8.89	8.51	33.56	5.91	2.25
				295.02	113.00	200.00	63.27	209.35	277.02	15.36	94.21
247	25.18	73.13	622	33.44	12.07	6.07	9.71	13.42	34.13	3.52	2.18
				310.09	120.54	279.45	75.68	312.77	313.09	41.24	114.44
248	22.73	81.46	622	41.06	14.74	9.78	10.22	17.13	33.46	1.28	2.77
				316.41	120.58	274.12	58.95	320.57	319.33	341.35	76.05
249	18.51	99.77	622	51.64	17.02	14.00	11.59	21.06	32.03	11.11	3.04
				329.74	125.05	200.92	46.16	348.49	330.40	273.56	45.56
250	15.03	105.46	622	61.04	19.55	19.61	12.24	21.46	29.82	14.62	4.01
				338.14	133.21	282.46	23.93	336.07	316.00	263.09	35.26

TABLE VII.- Continued

(c) Continued

TORSION 5# PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
213	2.67	6.99	623	5.65	.61	.31	.88	.82	.38	.34	.11	AMP
				347.45	113.95	343.11	249.85	387.85	83.27	274.33	123.82	PHASE
214	1.28	7.17	622	6.88	.48	.23	.79	.79	.28	.48	.11	AMP
				358.38	189.68	348.58	241.87	385.14	69.88	271.84	158.83	PHASE
215	- .54	7.84	622	6.67	.35	.11	.92	.78	.22	.52	.81	AMP
				355.75	187.39	385.87	248.61	295.11	92.15	258.78	358.38	PHASE
216	-2.34	9.84	623	7.44	.45	.28	1.21	.96	.32	.54	.12	AMP
				355.64	96.62	217.71	226.93	287.11	78.16	226.39	134.71	PHASE
217	-4.14	18.73	622	8.34	.63	.64	1.45	1.28	.38	.56	.14	AMP
				1.66	182.77	198.98	238.89	387.28	78.89	241.82	123.88	PHASE
218	-6.27	12.92	622	9.75	1.82	1.22	1.73	1.58	.39	.53	.12	AMP
				4.77	188.47	196.22	247.21	321.71	39.33	268.38	147.37	PHASE
219	-7.28	14.33	624	18.67	1.23	1.47	1.97	1.97	.51	.59	.18	AMP
				1.66	88.18	192.22	241.63	318.38	349.77	253.15	126.54	PHASE
228	-8.54	15.88	621	11.85	1.42	1.63	2.85	2.13	.61	.73	.83	AMP
				.67	88.58	198.93	251.86	316.39	324.88	257.45	282.68	PHASE
221	3.32	5.85	622	4.82	.42	.23	.78	.88	.18	.17	.87	AMP
				338.98	96.65	332.76	236.48	274.11	66.71	239.13	78.48	PHASE
222	1.68	6.28	621	5.23	.38	.19	.71	.74	.18	.21	.18	AMP
				358.88	118.73	351.28	239.56	287.26	76.85	271.83	97.67	PHASE
223	.19	6.63	622	5.68	.18	.18	.88	.86	.14	.32	.88	AMP
				354.41	112.82	343.36	239.38	278.31	69.71	255.29	63.93	PHASE
224	-1.61	7.37	622	6.48	.15	.85	1.82	1.82	.13	.41	.83	AMP
				359.67	112.24	251.94	236.78	283.88	88.28	245.86	117.85	PHASE
225	-3.89	8.21	623	5.98	.17	.17	1.28	1.15	.15	.42	.84	AMP
				357.15	117.29	188.11	213.38	258.34	78.14	282.47	64.83	PHASE
226	-4.86	9.57	621	7.93	.36	.53	1.41	1.18	.28	.39	.82	AMP
				4.62	141.66	189.67	233.85	292.59	97.71	223.75	263.89	PHASE
227	-5.98	18.68	621	8.57	.56	.82	1.47	1.17	.41	.48	.85	AMP
				5.89	129.53	188.41	232.15	298.18	81.86	287.77	275.39	PHASE
228	-6.75	12.16	615	9.19	.79	1.17	1.53	1.28	.41	.45	.12	AMP
				3.86	119.27	179.66	223.22	296.82	55.18	288.84	299.28	PHASE
236	4.87	7.22	622	5.29	1.28	.52	.95	1.11	.89	.27	.28	AMP
				334.95	119.12	357.37	264.54	289.21	99.51	269.74	167.17	PHASE
237	3.31	7.32	622	5.54	1.84	.61	.86	1.11	.87	.33	.18	AMP
				343.42	123.92	7.83	274.63	294.41	29.84	263.85	288.55	PHASE
238	1.53	7.56	623	6.85	.89	.59	.78	1.11	.87	.42	.28	AMP
				358.49	121.94	16.84	269.33	297.83	193.15	278.15	219.28	PHASE
239	- .33	8.16	623	6.75	.77	.46	.95	1.24	.12	.53	.19	AMP
				351.34	185.76	4.16	254.83	271.87	224.94	257.82	288.46	PHASE
248	-2.18	9.73	621	7.72	.91	.15	1.35	1.43	.12	.57	.19	AMP
				357.16	98.47	18.61	256.86	298.88	279.99	284.85	283.88	PHASE
241	-4.29	11.48	622	9.81	1.87	.39	1.82	1.61	.38	.63	.33	AMP
				359.88	88.38	217.91	254.85	282.22	297.85	287.25	182.74	PHASE
242	-6.77	14.34	622	11.83	1.22	1.87	2.47	1.93	.78	.75	.33	AMP
				1.33	81.71	239.66	269.92	294.64	319.59	389.37	217.92	PHASE
243	-9.98	17.69	622	14.36	1.15	2.34	3.15	2.68	1.84	1.52	.57	AMP
				351.43	32.54	258.89	265.83	269.49	273.67	278.94	261.23	PHASE
244	6.83	7.41	621	5.45	1.51	.48	.65	1.88	.18	.28	.29	AMP
				336.23	121.61	16.52	274.42	383.97	356.11	298.41	192.32	PHASE
245	3.51	7.61	622	5.89	1.19	.38	.59	.83	.12	.35	.23	AMP
				347.91	132.91	4.66	287.94	384.77	1.43	272.48	217.84	PHASE
246	1.83	7.88	622	6.38	1.89	.19	.58	.92	.87	.46	.15	AMP
				347.34	119.77	357.65	262.81	274.96	315.64	246.79	168.97	PHASE
247	- .11	8.92	622	7.19	1.85	.17	.72	1.87	.28	.49	.21	AMP
				351.91	188.32	182.56	254.75	278.53	267.91	274.57	186.29	PHASE
248	-1.94	9.97	622	8.14	1.83	.23	1.81	1.24	.35	.55	.25	AMP
				352.55	97.39	139.25	249.36	271.41	277.31	268.73	198.83	PHASE
249	-4.51	12.44	622	18.88	1.31	.46	1.45	1.52	.49	.58	.33	AMP
				354.81	76.93	198.11	263.17	288.88	317.69	274.89	188.46	PHASE
258	-7.38	14.64	622	12.55	1.89	.89	1.89	1.57	.54	.53	.37	AMP
				351.34	44.92	264.27	285.88	294.18	336.86	247.81	167.84	PHASE

TABLE VII.- Continued

(c) Continued

FLAPWISE 77 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
213	-.49	22.65	623	16.27 139.56	5.79 318.51	3.57 313.38	1.66 138.33	3.55 239.82	.48 55.15	1.82 286.23	1.32 33.23	AMP PHASE
214	1.18	22.99	622	16.92 139.85	5.98 313.57	4.84 316.25	1.41 119.12	3.35 237.14	.42 42.18	1.83 197.15	.84 16.93	AMP PHASE
215	2.84	25.85	622	18.38 142.49	6.82 311.52	4.58 323.73	1.89 112.18	3.38 234.71	.54 59.89	2.81 199.42	.97 352.84	AMP PHASE
216	4.36	28.14	623	19.71 148.98	7.88 388.29	4.38 328.12	1.14 81.32	3.79 228.93	.57 38.72	2.84 174.43	.56 343.41	AMP PHASE
217	6.16	29.85	622	21.15 143.86	8.33 388.38	4.75 327.52	.85 66.85	4.35 236.49	.68 43.78	1.98 176.43	.39 358.37	AMP PHASE
218	8.18	32.25	622	22.76 145.48	8.96 298.98	5.81 331.57	1.35 38.92	4.56 254.25	.82 28.97	1.98 176.99	.39 189.57	AMP PHASE
219	8.68	33.28	624	23.47 142.89	9.39 292.48	4.85 328.15	1.72 15.97	4.75 249.39	1.88 11.44	2.41 151.88	.92 122.88	AMP PHASE
220	9.39	33.97	621	24.33 142.71	9.72 291.38	4.98 316.36	2.11 18.74	4.78 259.69	.95 2.51	2.53 148.98	1.32 126.78	AMP PHASE
221	-.48	17.84	622	15.82 135.88	3.93 322.24	3.82 381.71	1.38 144.88	3.46 199.58	.58 85.69	.87 168.53	.89 348.77	AMP PHASE
222	1.17	28.24	621	14.88 141.84	4.85 328.27	3.85 319.54	1.48 133.61	3.25 215.11	.38 88.45	.94 195.81	.84 4.81	AMP PHASE
223	2.75	21.96	622	15.74 142.63	5.35 316.36	4.21 324.56	1.54 124.58	3.56 285.65	.38 75.46	1.81 193.53	.89 346.42	AMP PHASE
224	4.54	24.78	622	17.11 144.99	6.29 313.72	4.79 335.58	1.67 111.28	4.12 211.84	.48 75.58	1.84 182.79	.77 341.88	AMP PHASE
225	6.11	26.42	623	18.17 148.98	6.98 388.72	5.38 324.15	1.74 82.59	4.58 187.51	.35 41.46	3.88 136.29	.92 298.15	AMP PHASE
226	7.95	29.51	621	19.82 146.68	7.87 386.59	6.18 341.98	1.93 99.89	4.52 215.98	.39 55.84	.93 145.35	.94 288.44	AMP PHASE
227	8.85	38.54	621	28.76 145.93	8.48 388.27	6.21 348.27	2.83 84.77	4.56 213.14	.45 51.77	1.28 132.15	.77 264.72	AMP PHASE
228	9.63	31.57	615	21.71 143.13	8.73 293.59	6.87 335.17	2.82 67.45	4.32 213.15	.41 16.82	1.33 123.41	.97 264.78	AMP PHASE
236	-4.23	22.86	622	15.68 133.95	5.68 315.92	3.28 287.36	2.35 149.16	4.86 216.95	.41 329.54	2.22 222.68	.88 78.24	AMP PHASE
237	-2.76	24.24	622	16.58 139.19	6.89 315.28	3.53 381.52	1.86 164.81	4.65 228.58	.46 291.29	2.48 236.55	.77 181.32	AMP PHASE
238	-1.87	25.63	623	17.65 143.15	6.78 312.55	3.67 311.42	1.38 164.44	4.57 248.68	.35 384.11	2.33 238.29	1.18 285.71	AMP PHASE
239	.68	27.72	623	19.11 141.43	7.77 383.63	1.88 389.45	1.68 148.98	4.45 221.89	.22 271.32	1.88 228.14	.63 184.53	AMP PHASE
248	2.44	38.13	621	28.61 144.73	7.71 386.28	3.53 322.33	.78 156.38	4.25 238.33	.58 269.72	2.57 239.13	1.59 188.21	AMP PHASE
241	4.29	32.98	622	22.23 145.86	8.82 383.99	2.78 328.49	.67 125.43	3.15 231.31	.55 319.78	2.81 226.38	2.91 161.13	AMP PHASE
242	6.83	34.28	622	24.28 147.98	8.52 389.81	1.92 327.34	1.22 188.94	1.32 235.56	.37 34.35	3.82 238.94	3.45 182.29	AMP PHASE
243	7.42	36.42	622	25.99 141.35	9.78 299.78	3.88 253.49	3.89 73.16	1.38 89.22	.86 69.65	3.52 193.46	4.83 158.18	AMP PHASE
244	-7.81	24.24	621	15.29 134.79	6.92 315.19	2.59 387.43	1.78 179.87	4.67 223.33	.14 311.94	2.81 245.94	1.78 153.11	AMP PHASE
245	-4.38	25.63	622	16.74 141.97	7.37 316.68	1.98 336.36	1.77 194.89	4.34 231.47	.19 189.44	2.87 255.78	1.42 189.43	AMP PHASE
246	-2.66	26.66	622	17.91 139.42	7.77 385.37	1.88 331.52	1.68 188.11	4.45 287.48	.22 123.17	1.88 227.89	.63 167.96	AMP PHASE
247	-.86	28.48	622	19.25 142.65	7.98 386.28	1.98 343.57	1.44 188.72	4.25 289.21	.16 113.35	1.88 248.66	1.82 178.43	AMP PHASE
248	1.84	38.47	622	21.82 142.14	7.99 383.32	2.88 343.74	1.38 171.77	3.53 286.88	.15 5.58	1.98 239.98	1.44 182.22	AMP PHASE
249	2.94	32.55	622	23.83 144.17	8.49 382.43	1.76 347.75	.88 159.65	2.58 193.85	.49 58.97	1.99 226.33	2.71 164.16	AMP PHASE
258	4.82	33.59	622	25.84 143.88	9.32 388.88	1.25 299.91	1.28 91.87	1.65 129.92	.81 94.79	2.93 285.85	2.75 162.98	AMP PHASE

TABLE VII.- Continued

(c) Continued

CHORDWISE 77 PERCENT RADIUS												
PT NO	RUN NO		RPM	1#								
	MEAN	1/2 P-P		1P	2P	3P	4P	5P	6P	7P	8P	
213	23.37	17.96	623	4.76	2.37	3.49	2.78	4.88	4.68	1.29	1.19	AMP
				175.36	338.67	311.68	46.15	278.11	294.28	343.18	83.48	PHASE
214	24.94	28.14	622	4.88	2.38	4.89	3.85	4.44	4.67	1.46	1.15	AMP
				188.69	327.81	384.44	32.87	278.68	295.73	2.88	72.52	PHASE
215	27.28	19.58	622	3.13	2.58	5.84	5.11	4.11	5.83	.51	1.84	AMP
				213.58	327.68	384.94	32.84	285.55	276.14	278.48	72.32	PHASE
216	28.64	27.39	623	2.78	2.68	6.11	6.17	5.81	9.34	2.24	1.78	AMP
				249.58	315.69	295.83	21.82	269.89	269.56	258.13	71.85	PHASE
217	29.95	33.98	622	4.28	2.94	7.69	6.93	6.88	11.38	2.85	1.55	AMP
				283.75	318.96	298.85	25.42	279.44	382.57	261.75	88.76	PHASE
218	31.34	34.83	622	6.42	2.82	8.88	7.44	6.59	11.85	3.36	.95	AMP
				383.78	321.51	296.99	21.86	285.81	328.39	269.69	182.96	PHASE
219	32.28	33.72	624	6.62	2.14	8.84	6.68	7.27	8.98	3.58	.95	AMP
				318.13	317.12	288.64	3.88	261.31	312.45	269.34	61.76	PHASE
228	32.96	34.18	621	7.14	.94	9.68	6.82	8.78	7.69	3.15	.81	AMP
				322.89	386.67	269.92	352.61	244.56	381.68	386.75	74.48	PHASE
221	26.88	28.31	622	5.38	1.78	2.91	2.28	2.88	4.88	2.67	1.81	AMP
				163.83	316.77	388.56	42.54	281.47	241.97	336.95	43.59	PHASE
222	25.23	17.46	621	3.94	2.89	3.51	3.56	2.88	5.88	.16	.77	AMP
				163.56	324.99	318.87	45.38	266.35	299.83	43.47	83.27	PHASE
223	27.37	28.69	622	2.73	2.15	4.28	4.53	2.37	6.75	.99	.99	AMP
				174.54	323.65	386.78	41.72	265.59	282.92	221.98	78.81	PHASE
224	29.87	22.59	622	1.32	2.75	5.63	5.94	2.83	8.41	2.34	1.85	AMP
				284.87	328.13	389.83	39.71	255.73	284.48	261.24	99.84	PHASE
225	38.34	27.81	623	1.67	3.85	6.62	7.24	3.29	18.26	3.12	.89	AMP
				262.84	389.86	292.19	14.69	219.75	262.69	222.46	42.58	PHASE
226	31.19	38.89	621	3.86	3.62	8.47	8.82	4.21	18.31	3.41	.88	AMP
				385.61	316.84	384.78	28.81	234.67	298.75	266.84	76.54	PHASE
227	31.71	31.78	621	4.94	3.95	9.32	8.78	4.96	9.45	3.59	.82	AMP
				313.53	313.34	299.93	17.35	228.85	291.51	278.78	35.14	PHASE
228	31.74	36.88	615	5.78	4.81	9.75	8.18	6.89	11.38	3.44	.92	AMP
				318.65	386.61	298.86	355.91	212.48	295.29	289.94	323.49	PHASE
236	28.86	19.48	622	6.61	2.55	3.88	1.92	1.26	2.47	.84	.88	AMP
				165.34	323.62	286.53	74.96	298.29	288.46	316.39	83.61	PHASE
237	21.95	28.48	622	5.94	2.58	3.98	2.27	2.53	9.88	1.15	.83	AMP
				181.74	327.96	297.69	68.99	268.17	237.96	287.48	184.21	PHASE
238	23.68	24.84	623	5.83	2.39	3.87	3.12	4.64	8.56	2.87	1.25	AMP
				288.51	336.68	386.53	51.95	276.76	261.86	357.68	139.71	PHASE
239	24.63	27.14	623	4.81	2.21	4.16	4.15	4.19	11.61	1.86	1.78	AMP
				218.41	334.22	297.34	42.22	271.36	283.89	337.87	124.79	PHASE
248	25.16	29.29	621	4.82	2.25	5.27	5.14	5.33	13.82	1.94	2.82	AMP
				254.76	339.11	387.92	48.74	381.58	324.23	337.72	134.17	PHASE
241	25.71	38.61	622	4.94	2.36	5.67	5.95	6.19	15.78	2.98	2.28	AMP
				284.71	341.88	387.94	42.66	321.88	331.16	292.85	134.51	PHASE
242	26.57	41.35	622	6.18	2.86	5.83	6.37	7.37	15.11	3.64	1.17	AMP
				313.23	358.88	383.16	44.58	353.21	1.85	299.11	167.59	PHASE
243	27.23	47.48	622	8.87	1.86	7.82	6.85	6.26	15.18	4.56	2.84	AMP
				338.26	381.53	269.98	14.65	328.86	333.26	268.32	192.97	PHASE
244	28.18	19.28	621	7.82	3.18	2.45	1.33	2.85	3.51	.61	1.84	AMP
				172.74	327.79	291.89	92.78	262.61	258.68	332.28	156.85	PHASE
245	28.99	27.99	622	6.27	2.73	2.45	2.45	2.92	18.85	.68	1.26	AMP
				192.66	338.54	322.56	96.51	251.87	264.58	332.31	146.85	PHASE
246	21.98	38.34	622	5.53	2.38	2.77	3.11	4.58	13.19	1.98	1.68	AMP
				199.36	324.37	321.28	78.19	241.28	278.87	2.28	189.21	PHASE
247	22.76	31.97	622	4.55	2.87	3.89	3.67	4.88	13.46	1.17	2.18	AMP
				218.35	334.48	338.34	83.76	271.38	388.41	39.86	131.56	PHASE
248	23.51	32.13	622	4.33	2.13	3.96	4.18	5.41	13.53	.89	2.11	AMP
				246.81	348.28	324.28	67.31	291.63	315.33	256.71	119.99	PHASE
249	23.47	43.34	622	5.18	2.68	4.88	4.88	6.16	13.12	4.11	2.61	AMP
				291.86	352.83	326.38	54.85	348.39	388.51	258.85	118.65	PHASE
258	23.83	58.91	622	8.11	3.94	6.38	5.66	7.86	11.18	6.12	2.78	AMP
				315.12	346.46	311.58	33.28	343.81	318.72	236.82	117.82	PHASE

TABLE VII.- Continued

(c) Continued

TORSION 76 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
213	- .75	4.89	623	3.58	.87	.84	.47	.58	.89	.29	.18 AMP
				337.84	128.14	51.56	287.82	316.21	113.27	28.18	244.82 PHASE
214	-1.98	5.23	622	3.76	.74	.87	.45	.47	.89	.38	.85 AMP
				342.71	134.57	182.45	275.62	318.18	187.88	5.37	266.21 PHASE
215	-3.48	5.95	622	4.31	.77	.19	.58	.48	.87	.26	.18 AMP
				358.48	145.72	147.68	263.83	299.35	83.49	18.38	283.85 PHASE
216	-4.89	6.61	623	4.91	.87	.31	.62	.58	.18	.26	.12 AMP
				353.42	144.86	163.59	236.14	286.85	43.59	359.67	242.33 PHASE
217	-6.28	7.35	622	5.48	.97	.47	.73	.62	.22	.19	.89 AMP
				359.63	153.97	178.86	241.17	381.28	46.18	355.39	262.75 PHASE
218	-7.74	7.91	622	6.18	1.88	.64	.78	.63	.27	.29	.86 AMP
				4.18	159.88	167.25	238.57	389.45	21.92	351.81	17.54 PHASE
219	-8.36	8.11	624	6.59	1.82	.53	.77	.71	.36	.45	.83 AMP
				1.35	159.29	156.53	231.88	296.35	348.58	326.82	37.11 PHASE
228	-9.86	8.71	621	7.89	.86	.36	.71	.77	.45	.49	.87 AMP
				2.86	167.15	141.39	241.73	388.62	339.82	319.16	267.87 PHASE
221	.42	3.84	622	2.82	.59	.88	.43	.46	.83	.18	.84 AMP
				325.31	113.24	123.97	262.44	286.98	55.73	9.76	188.63 PHASE
222	-1.12	4.14	621	3.12	.57	.89	.39	.39	.85	.13	.81 AMP
				341.93	135.84	148.65	278.22	299.87	98.45	16.93	96.72 PHASE
223	-2.44	4.88	622	3.47	.82	.16	.46	.45	.84	.12	.82 AMP
				349.84	158.81	148.21	268.28	298.24	59.38	28.59	37.88 PHASE
224	-4.84	5.36	622	4.86	.59	.31	.58	.56	.18	.78	.83 AMP
				356.74	157.98	165.11	245.98	293.15	42.49	48.75	337.11 PHASE
225	-5.34	5.96	623	4.54	.68	.89	.58	.61	.15	.84	.82 AMP
				355.26	151.82	157.72	218.88	266.81	2.26	65.82	311.91 PHASE
226	-6.84	7.16	621	5.31	.94	.71	.81	.64	.24	.18	.85 AMP
				3.59	162.47	169.23	235.58	295.46	37.16	165.86	18.37 PHASE
227	-7.67	7.57	621	5.76	1.85	.83	.86	.65	.33	.12	.81 AMP
				4.67	157.86	164.68	227.24	293.53	26.23	142.99	33.66 PHASE
228	-8.22	7.93	615	6.86	1.18	.91	.84	.55	.33	.88	.86 AMP
				3.16	153.63	157.81	214.65	286.28	7.86	174.81	58.35 PHASE
236	1.29	5.18	622	3.35	1.27	.24	.64	.76	.85	.38	.22 AMP
				328.19	111.81	5.94	289.54	385.64	219.88	38.28	267.65 PHASE
237	-.88	5.22	622	3.54	1.18	.28	.59	.74	.85	.48	.26 AMP
				331.84	128.48	12.86	381.16	317.36	316.85	48.84	386.85 PHASE
238	-1.67	5.42	623	3.96	1.88	.26	.54	.78	.85	.31	.88 AMP
				342.14	126.92	9.18	381.84	319.11	327.86	41.68	333.28 PHASE
239	-3.22	5.83	623	4.42	.97	.19	.57	.66	.14	.34	.37 AMP
				345.95	127.99	345.85	276.46	295.11	294.42	22.25	313.32 PHASE
248	-4.62	6.48	621	4.95	.97	.18	.61	.68	.19	.33	.37 AMP
				353.65	141.78	312.18	269.45	298.15	388.63	17.81	333.57 PHASE
241	-6.18	6.84	622	5.54	.95	.23	.76	.72	.34	.41	.44 AMP
				357.82	155.25	251.41	253.44	276.72	284.98	357.68	329.38 PHASE
242	-7.56	8.83	622	6.42	.98	.36	1.86	1.88	.67	.63	.35 AMP
				2.13	176.74	253.68	255.15	278.85	382.65	11.98	.53 PHASE
243	-9.17	18.15	622	7.81	.84	.33	1.48	1.51	1.11	.69	.31 AMP
				353.25	186.57	256.66	234.89	239.38	264.18	328.51	384.68 PHASE
244	2.27	5.53	621	3.55	1.87	.29	.51	.75	.89	.31	.32 AMP
				328.38	118.87	356.69	381.61	328.11	271.97	41.85	381.25 PHASE
245	-.88	5.68	622	3.89	1.42	.39	.52	.67	.17	.31	.35 AMP
				335.62	124.34	331.38	315.85	331.14	383.85	68.87	326.22 PHASE
246	-1.45	5.65	622	4.19	1.28	.42	.52	.66	.19	.22	.38 AMP
				337.38	119.31	388.85	295.13	384.45	277.15	21.78	384.86 PHASE
247	-2.92	5.89	622	4.55	1.14	.39	.58	.59	.27	.28	.38 AMP
				344.55	129.88	388.39	291.28	381.61	277.83	14.27	326.35 PHASE
248	-4.24	6.18	622	5.81	1.86	.39	.54	.66	.34	.28	.39 AMP
				347.18	148.16	292.77	277.37	289.82	279.74	5.87	332.16 PHASE
249	-5.67	7.88	622	5.62	1.88	.36	.56	.69	.43	.24	.33 AMP
				353.75	151.91	284.39	259.43	278.55	282.75	18.34	318.79 PHASE
258	-7.89	8.32	622	6.55	.99	.37	.69	.78	.44	.45	.26 AMP
				354.67	162.56	318.33	255.35	265.19	314.97	58.72	332.28 PHASE

TABLE VII.- Continued

(c) Concluded

PITCH LINK											
RUN NO 1#											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
213	-5.80	8.66	623	5.38	.24	.82	1.14	1.17	.13	.98	.88 AMP
				188.82	274.75	153.96	68.36	147.36	165.66	49.11	166.55 PHASE
214	.75	9.46	622	6.11	.14	.76	1.21	1.28	.28	.89	.22 AMP
				185.35	232.17	147.93	63.48	144.39	128.81	31.79	57.55 PHASE
215	2.21	11.88	622	7.81	.24	.76	1.33	1.23	.11	1.13	.88 AMP
				189.96	219.93	126.99	61.53	148.55	88.85	38.57	24.81 PHASE
216	3.81	12.92	623	8.68	.49	.83	1.55	1.29	.31	1.13	.88 AMP
				188.84	245.81	82.32	53.57	127.76	67.39	16.73	383.53 PHASE
217	5.56	14.59	622	18.44	.75	1.33	1.68	1.65	.28	.96	.88 AMP
				193.56	266.68	58.88	64.97	138.71	97.16	27.88	328.41 PHASE
218	7.68	18.98	622	13.18	1.42	2.28	2.88	2.12	.58	.76	.23 AMP
				196.71	274.14	45.96	69.98	148.12	133.43	23.96	39.49 PHASE
219	8.72	21.53	624	14.85	1.76	2.77	2.27	2.52	.83	.73	.23 AMP
				193.86	261.87	36.48	63.79	125.88	122.73	3.92	25.26 PHASE
228	18.89	24.48	621	16.99	2.25	3.57	2.41	2.41	.92	.76	.24 AMP
				192.38	261.81	41.71	71.95	122.94	188.55	14.25	56.89 PHASE
221	-7.72	5.51	622	3.74	.87	.98	.84	1.22	.86	.48	.88 AMP
				177.38	82.49	132.55	54.18	122.62	68.86	16.12	112.64 PHASE
222	.65	6.87	621	4.54	.23	1.88	.98	1.19	.19	.58	.16 AMP
				182.49	127.19	168.82	59.86	131.82	118.76	37.32	95.66 PHASE
223	2.88	8.39	622	5.51	.41	.95	.94	1.48	.24	.64	.28 AMP
				187.15	136.91	152.28	63.79	124.85	97.42	48.56	77.64 PHASE
224	3.48	9.65	622	6.73	.51	.76	1.28	1.58	.31	.69	.21 AMP
				192.81	129.85	136.78	65.83	124.38	69.54	37.88	76.84 PHASE
225	4.76	18.69	623	7.88	.49	.61	1.36	1.69	.34	.58	.24 AMP
				198.98	119.78	96.64	39.88	96.31	22.48	.87	41.74 PHASE
226	6.35	13.88	621	9.17	.25	1.81	1.74	1.92	.32	.57	.42 AMP
				199.58	148.78	61.83	68.77	132.29	39.86	359.69	62.78 PHASE
227	7.26	14.95	621	18.48	.28	1.52	1.91	2.88	.28	.68	.39 AMP
				198.92	216.89	48.91	62.61	138.14	356.61	339.93	48.61 PHASE
228	8.81	17.83	615	11.82	.58	2.21	2.16	2.19	.18	.42	.41 AMP
				196.89	242.82	25.48	54.98	115.23	281.89	328.18	51.11 PHASE
236	-3.92	8.84	622	5.87	.89	.59	1.16	1.32	.24	.98	.27 AMP
				169.39	294.63	177.81	84.82	126.55	189.58	52.24	285.23 PHASE
237	-2.54	9.55	622	6.29	.77	.77	1.11	1.35	.36	1.16	.38 AMP
				176.84	289.81	187.15	98.47	132.85	115.86	64.94	349.35 PHASE
238	-.94	11.87	623	6.86	.82	.69	1.13	1.44	.34	1.87	.65 AMP
				183.54	278.88	191.21	89.38	141.38	95.89	64.26	19.92 PHASE
239	.75	12.17	623	8.85	.97	.56	1.17	1.63	.56	1.29	.72 AMP
				182.18	264.44	165.84	79.88	118.66	72.45	54.63	351.81 PHASE
248	2.57	14.88	621	9.47	1.27	.43	1.52	1.91	.76	1.18	.78 AMP
				189.38	278.48	128.21	79.48	121.75	118.81	71.69	.95 PHASE
241	4.88	17.42	622	11.98	1.72	.99	1.74	2.58	.81	1.26	.98 AMP
				198.92	276.83	78.29	72.71	186.46	119.39	65.22	346.88 PHASE
242	7.37	22.19	622	15.33	2.82	2.87	2.19	3.36	.98	1.36	.87 AMP
				194.62	285.77	83.58	84.88	116.65	143.31	85.54	6.88 PHASE
243	11.15	38.79	622	21.81	1.67	4.82	2.24	4.48	2.23	2.57	.37 AMP
				187.67	283.88	77.26	77.63	75.11	84.75	71.98	22.88 PHASE
244	-5.47	8.58	621	6.82	1.13	.28	.79	1.48	.54	.91	.59 AMP
				178.12	294.78	255.69	95.48	145.88	138.24	74.98	348.95 PHASE
245	-3.21	18.27	622	7.17	.97	.21	.65	1.17	.54	1.18	.64 AMP
				188.16	388.84	297.17	111.19	141.88	143.84	85.22	15.18 PHASE
246	-1.57	11.78	622	8.15	1.17	.28	.58	1.31	.56	1.25	.59 AMP
				179.18	293.29	314.26	91.65	111.88	185.78	56.86	355.81 PHASE
247	.48	13.84	622	9.63	1.42	.24	.46	1.71	.88	1.25	.72 AMP
				184.88	291.45	337.56	81.82	184.88	114.49	74.98	2.29 PHASE
248	2.38	15.75	622	18.92	1.68	.41	.98	2.13	.85	1.35	.83 AMP
				186.66	288.68	24.83	69.24	185.18	117.79	62.94	.65 PHASE
249	5.12	28.52	622	14.11	2.15	.76	1.21	2.98	.88	1.52	1.18 AMP
				188.12	287.11	54.25	76.15	111.35	135.92	73.27	338.56 PHASE
258	8.33	25.86	622	18.28	2.88	2.84	1.54	3.29	.49	1.69	1.48 AMP
				188.14	282.75	85.95	95.81	112.56	142.72	68.26	324.29 PHASE

TABLE VII.- Continued.

(d) $\mu = 0.30$; $M_T = 0.68$

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CQ/SIGMA
279	-1.5	4.3	.1	.03555	.00093	.00134
280	-1.6	5.5	2.1	.04728	.00072	.00159
281	-1.9	6.3	4.1	.05886	.00052	.00189
282	-2.3	7.4	6.0	.06964	.00008	.00244
283	-2.5	8.3	8.0	.08031	.00016	.00304
284	-2.8	9.5	9.9	.08985	.00084	.00386
285	-3.4	10.7	11.9	.09759	.00183	.00495
286	-3.8	12.1	13.9	.10400	.00291	.00669
287	-1.2	4.8	2.1	.02774	.00156	.00205
288	-1.6	5.6	4.1	.04059	.00282	.00255
289	-1.7	6.8	6.1	.05100	.00405	.00313
290	-2.2	7.5	8.0	.06236	.00523	.00378
291	-2.5	8.7	10.1	.07400	.00676	.00466
292	-3.0	9.7	12.0	.08424	.00825	.00562
293	-3.4	10.7	14.0	.09376	.00977	.00677
294	-3.9	11.4	15.0	.09715	.01085	.00752
295	-1.3	5.8	6.1	.03457	.00543	.00325
296	-1.8	6.8	8.0	.04463	.00736	.00407
297	-2.1	7.4	9.9	.05722	.00957	.00498
299	-2.5	8.6	12.0	.06737	.01184	.00603
300	-2.8	8.9	13.0	.07355	.01299	.00657
301	-2.9	9.6	14.1	.07986	.01420	.00727

TABLE VII.- Continued

(d) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO 11											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
279	47.67	13.78	653	4.98 143.54 5.36	3.62 315.17 3.99	1.25 9.35 1.96	.59 357.69 5.66	5.53 56.66 1.96	2.15 331.61 2.24	2.31 246.27 2.24	.58 AMP PHASE
280	48.83	14.38	654	5.67 139.14	4.49 389.59	2.48 1.22	1.52 351.96	5.68 29.67	1.72 389.92	2.11 217.27	51.91 AMP PHASE
281	58.86	13.78	653	5.67 141.83	4.49 328.18	2.48 24.38	1.52 16.85	5.68 55.45	1.72 336.31	2.11 249.88	169.31 AMP PHASE
282	51.16	14.33	653	5.96 136.76	4.87 319.12	2.88 24.16	1.49 16.42	5.19 51.76	1.64 322.13	2.29 243.89	103.97 AMP PHASE
283	52.12	14.64	652	6.33 126.91	5.17 313.38	3.52 13.73	2.62 24.88	4.73 31.98	1.47 292.64	2.37 214.89	158.61 AMP PHASE
284	53.89	15.83	653	5.51 122.56	5.47 322.93	3.55 27.21	1.78 19.58	5.86 44.12	1.28 282.54	2.58 228.66	178.97 AMP PHASE
285	53.74	18.64	653	6.75 185.81	6.13 317.84	2.76 11.38	.78 298.48	1.98 358.47	1.65 235.13	3.29 193.18	144.12 AMP PHASE
286	54.81	21.66	653	7.57 85.81	7.83 319.61	1.77 315.96	1.81 268.27	2.24 382.11	1.86 244.17	3.33 187.56	171.89 AMP PHASE
287	47.53	13.63	653	4.46 141.37	3.28 315.86	1.89 358.72	2.87 327.57	4.88 51.88	1.65 317.85	2.82 212.15	13.83 AMP PHASE
288	48.88	14.41	652	4.61 143.25	3.64 323.66	2.63 7.84	1.22 316.95	4.74 63.94	1.55 323.88	2.12 227.38	38.11 AMP PHASE
289	58.24	14.61	653	5.85 136.98	4.83 315.87	3.11 356.71	1.43 292.68	4.66 43.43	1.44 287.57	2.88 187.95	349.92 AMP PHASE
290	51.49	14.57	654	5.19 138.98	4.27 313.87	3.29 356.25	1.58 282.68	4.68 33.57	1.45 281.88	2.38 178.87	328.76 AMP PHASE
291	52.83	15.28	653	5.47 131.88	4.47 327.76	3.57 28.71	1.66 384.65	5.86 74.87	1.28 311.71	2.58 228.78	26.66 AMP PHASE
292	53.99	14.78	653	6.82 118.68	4.39 325.28	3.59 11.86	1.68 288.89	5.36 62.67	1.82 275.73	2.76 193.98	13.23 AMP PHASE
293	55.89	15.68	654	6.47 185.87	4.54 331.28	3.25 11.84	1.95 257.36	5.77 78.53	1.86 245.96	3.84 186.88	29.14 AMP PHASE
294	55.61	16.48	652	6.95 94.98	4.79 329.17	2.93 3.16	2.35 248.99	6.24 69.87	1.18 211.34	1.88 164.68	18.92 AMP PHASE
295	49.17	11.75	653	4.22 148.91	2.89 321.97	2.75 355.73	1.98 338.87	4.24 33.73	1.88 386.44	1.87 199.48	345.79 AMP PHASE
296	58.52	13.28	653	4.66 133.42	3.32 323.81	3.28 356.14	1.19 328.36	4.58 28.96	1.18 381.58	1.19 185.82	321.99 AMP PHASE
297	51.96	14.22	653	5.81 132.25	3.81 338.97	3.64 6.46	1.56 323.91	5.12 37.68	1.87 315.49	1.85 197.16	344.34 AMP PHASE
299	53.38	15.15	653	5.68 124.51	4.84 332.98	2.98 2.98	1.88 319.79	5.12 33.63	1.88 383.87	1.88 181.39	316.88 AMP PHASE
300	54.14	15.28	652	5.82 119.18	4.28 332.43	3.94 359.53	2.14 312.99	5.67 32.33	.87 297.37	1.31 178.88	312.68 AMP PHASE
301	55.88	15.61	652	6.21 114.39	4.35 336.43	3.85 .91	2.42 389.98	5.73 41.38	.64 295.37	1.39 164.47	311.76 AMP PHASE

CHORDWISE 25 PERCENT RADIUS											
RUN NO 11											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
279	57.27	39.26	653	18.94 273.25	4.42 185.75	6.67 253.88	3.69 58.88	6.94 352.81	5.88 198.44	1.27 317.25	.38 AMP PHASE
280	56.53	49.88	654	26.79 289.48	7.37 182.33	5.76 248.18	4.57 28.43	6.89 388.76	7.33 194.31	1.55 283.79	.28 AMP PHASE
281	55.58	53.79	653	35.21 389.68	18.53 119.88	7.15 232.94	6.39 32.48	18.23 316.38	7.18 238.94	2.11 333.75	.44 AMP PHASE
282	53.31	63.93	653	44.82 321.87	13.18 123.53	18.93 231.87	8.26 35.44	18.48 318.63	9.82 245.49	2.65 326.88	.71 AMP PHASE
283	51.11	88.89	652	55.81 328.81	15.79 123.28	15.95 227.78	9.78 28.28	12.42 296.68	18.65 253.61	3.52 285.51	1.82 AMP PHASE
284	49.53	97.77	653	69.28 348.11	17.64 137.31	28.23 248.23	11.83 37.16	12.75 321.55	18.94 298.75	4.89 299.21	.88 AMP PHASE
285	49.29	116.82	653	81.88 344.25	18.97 136.57	23.75 241.64	18.86 14.87	12.94 294.27	12.12 284.16	6.82 268.85	1.19 AMP PHASE
286	51.17	145.85	653	99.88 385.18	22.84 158.12	27.92 251.39	12.98 7.46	6.77 328.64	8.67 389.88	5.76 259.49	.68 AMP PHASE
287	56.12	26.21	653	12.16 277.65	2.92 114.58	5.58 241.31	4.85 43.85	5.11 341.26	2.38 198.84	1.88 298.54	.49 AMP PHASE
288	55.79	35.29	652	19.56 388.64	6.75 128.76	5.58 234.56	4.86 34.95	7.37 382.82	3.16 234.37	1.36 317.48	.38 AMP PHASE
289	56.11	52.56	653	38.28 315.63	9.92 116.92	9.25 288.71	7.87 5.11	9.73 293.24	2.76 193.25	1.42 281.59	.48 AMP PHASE
290	55.76	67.66	654	39.73 326.31	11.74 128.23	8.78 287.31	8.44 8.81	8.86 294.18	4.27 185.89	2.88 254.78	.57 AMP PHASE
291	55.18	84.88	653	53.85 341.53	14.66 139.48	19.78 238.55	18.74 39.18	8.91 316.44	6.63 263.49	2.52 315.86	.98 AMP PHASE
292	54.38	183.31	653	66.75 343.57	15.26 134.62	25.85 235.84	11.82 28.87	18.69 295.85	8.75 269.71	2.61 297.58	.97 AMP PHASE
293	54.41	128.34	654	84.49 349.87	15.79 133.74	29.37 231.88	18.27 18.27	18.55 286.99	7.68 297.84	2.57 383.29	1.86 AMP PHASE
294	54.62	126.21	652	92.53 349.72	16.83 139.39	31.78 235.85	11.54 355.36	11.54 267.55	6.84 383.88	2.88 294.11	1.88 AMP PHASE
295	57.48	33.89	653	16.22 313.81	5.82 137.98	5.63 218.37	6.16 31.35	5.64 288.56	2.77 247.35	.66 318.65	.88 AMP PHASE
296	58.32	47.98	653	26.23 329.99	6.87 133.65	11.37 288.37	8.78 17.74	4.42 285.57	3.41 228.22	.72 289.92	.37 AMP PHASE
297	59.68	72.81	653	37.82 345.57	7.96 141.73	8.85 224.77	4.85 28.29	4.85 287.98	5.74 254.41	2.88 254.41	1.88 AMP PHASE
299	68.33	98.15	653	52.64 349.87	9.64 141.25	22.92 228.91	14.87 23.88	5.68 261.93	7.24 252.87	1.85 386.88	.88 AMP PHASE
300	59.78	181.33	652	59.83 358.81	18.11 141.32	25.72 229.51	14.45 13.39	5.84 244.82	7.74 253.51	2.14 388.79	1.83 AMP PHASE
301	59.93	115.63	652	72.19 364.86	11.35 143.83	29.39 237.17	14.98 7.67	7.78 237.12	8.16 264.48	2.51 329.28	1.26 AMP PHASE

TABLE VII.- Continued

(d) Continued

TORSION 28 PERCENT RADIUS											
RUN NO 11											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
279	10.38	9.55	653	6.63	1.56	.79	1.54	1.37	.28	1.00	.30
				335.74	112.00	6.34	263.72	301.58	320.20	257.84	197.49
280	8.24	9.90	654	7.12	1.42	.89	1.46	1.34	.24	1.02	.33
				338.31	95.00	358.94	246.17	274.30	286.20	225.67	160.65
281	6.13	10.09	653	7.95	1.42	.74	1.58	1.32	.29	1.06	.47
				349.54	95.20	8.44	264.99	302.10	273.99	254.73	203.19
282	3.73	12.26	653	9.31	1.63	.65	1.73	1.25	.46	1.22	.30
				354.41	88.17	337.10	267.39	288.34	278.99	248.70	207.00
283	1.04	15.24	652	11.39	2.28	.61	1.98	1.66	.51	1.18	.45
				356.63	85.72	294.36	247.60	266.42	291.31	224.76	169.43
284	-1.92	18.42	653	14.21	2.65	1.55	2.42	2.18	.68	1.54	.55
				4.28	103.54	270.24	265.00	278.66	315.69	250.11	196.22
285	-5.33	23.53	653	17.89	2.94	3.11	3.03	2.95	.80	2.18	.38
				2.62	103.07	256.69	249.49	262.85	284.68	230.56	190.09
286	-10.23	30.70	653	23.67	2.46	5.98	2.78	5.09	2.51	3.58	1.11
				4.67	136.11	274.65	243.22	259.01	275.36	261.44	303.36
287	9.41	8.60	653	6.12	1.11	.79	1.69	1.13	.27	.79	.02
				333.49	91.57	324.17	243.31	300.30	47.35	240.42	23.19
288	7.37	8.01	652	6.66	.86	.78	1.60	1.05	.31	.83	.04
				344.42	83.95	336.66	249.19	318.02	48.22	256.38	187.30
289	5.29	9.75	653	7.51	.84	.65	1.70	1.00	.21	.87	.14
				346.25	59.54	315.53	229.54	298.00	18.00	217.32	195.57
290	3.33	11.56	654	8.48	.96	.59	1.89	.98	.21	1.14	.15
				350.45	48.93	288.27	225.54	290.61	17.28	199.97	206.91
291	.08	13.50	653	10.07	1.12	.96	2.10	1.06	.12	1.22	.18
				3.41	81.39	272.43	258.75	335.77	72.15	247.58	232.93
292	-1.49	15.72	653	12.01	1.50	1.58	2.20	1.29	.26	1.24	.25
				4.67	95.64	250.24	249.24	319.07	1.06	222.24	192.53
293	-4.35	20.48	654	15.10	2.51	2.02	2.68	2.10	.04	1.17	.27
				7.85	104.43	244.11	259.17	321.05	349.18	223.32	227.62
294	-5.97	23.39	652	17.12	3.07	3.64	3.01	2.73	1.12	1.00	.18
				6.25	101.85	236.17	258.60	316.29	334.28	219.00	281.04
295	6.34	7.43	653	6.00	.51	.79	1.36	.96	.14	.43	.03
				344.29	57.27	325.98	232.07	291.46	24.41	223.37	198.79
296	4.46	8.44	653	6.75	.55	.73	1.46	1.05	.17	.66	.08
				349.28	35.98	318.36	231.28	274.27	2.10	214.55	297.70
297	2.46	9.97	653	7.75	.64	.68	1.77	1.21	.05	.79	.07
				350.06	39.84	312.23	242.74	291.87	355.89	234.04	205.79
299	.40	11.63	653	0.96	.72	.61	2.05	1.30	.05	.03	.16
				1.95	48.13	275.93	239.13	286.11	179.40	222.68	211.85
300	-7.00	12.01	652	9.63	.72	.76	2.20	1.40	.08	.81	.15
				3.26	55.66	257.22	237.12	286.54	110.07	215.12	206.33
301	-1.93	14.29	652	10.71	.87	1.12	2.37	1.50	.22	.79	.17
				6.60	71.73	243.06	243.12	302.15	100.70	213.50	224.33

TABLE VII.- Continued

(d) Continued

FLAPWISE 37 PERCENT RADIUS											
RUN NO 11											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
279	32.45	14.19	653	8.48	4.22	1.98	.33	3.01	.45	.11	.29
				138.89	318.67	8.37	295.31	56.31	302.03	163.37	212.95
280	33.47	15.27	654	9.61	4.67	2.79	.28	3.12	.38	.13	.14
				134.61	308.55	357.17	313.16	35.35	294.74	81.11	169.94
281	34.31	16.71	653	10.67	5.43	3.34	.37	3.07	.33	.13	.18
				139.79	314.30	16.83	30.18	64.32	315.14	134.94	269.17
282	35.09	17.52	653	11.58	5.98	3.88	.28	2.88	.27	.17	.22
				137.50	312.17	18.88	82.64	57.92	282.75	175.99	329.82
283	35.74	18.83	652	12.54	6.57	4.90	.48	2.63	.28	.23	.33
				131.91	304.21	9.81	52.42	34.75	244.29	217.97	307.73
284	36.58	19.66	653	13.33	7.28	5.38	.62	2.01	.45	.34	.53
				133.45	312.68	28.69	69.98	43.79	216.90	268.89	334.95
285	37.21	20.04	653	13.70	8.51	5.13	.33	1.46	.61	.42	.68
				127.21	307.13	21.88	44.68	358.85	186.31	241.73	297.34
286	37.76	21.32	653	13.30	10.94	3.50	.88	1.92	.59	.24	.34
				126.43	309.82	23.37	261.61	328.43	166.88	234.65	339.87
287	33.32	12.93	653	7.34	3.77	2.62	.54	2.74	.42	.18	.47
				134.28	319.83	3.19	310.67	51.04	271.54	191.55	172.19
288	34.67	14.76	652	8.34	4.39	3.58	.75	2.63	.37	.17	.42
				137.84	322.11	11.48	325.45	64.43	263.91	168.87	194.57
289	35.70	16.24	653	9.45	4.98	3.98	.98	2.52	.43	.14	.38
				133.96	308.81	359.43	299.06	44.67	226.96	169.38	157.56
290	36.69	16.73	654	10.38	5.31	4.63	.86	2.39	.43	.21	.24
				132.20	304.18	.06	287.52	34.15	210.41	172.21	139.97
291	37.69	18.03	653	11.36	5.83	5.38	.91	2.56	.64	.29	.26
				137.91	316.48	24.73	300.46	73.52	244.16	252.55	180.90
292	38.63	19.71	653	12.21	5.93	5.77	.83	2.71	.57	.42	.23
				132.87	309.65	17.85	284.80	62.65	215.36	249.64	186.37
293	39.47	20.35	654	12.74	6.25	5.88	.88	2.95	.74	.55	.24
				129.23	309.93	20.57	238.88	72.62	186.77	251.13	228.85
294	39.88	20.95	652	12.89	6.59	5.53	1.23	3.27	.89	.55	.28
				124.70	306.50	15.20	213.95	73.97	159.49	239.46	212.90
295	35.57	12.20	653	7.47	3.58	3.51	.79	2.36	.28	.14	.26
				136.41	323.55	2.23	338.32	29.27	260.22	224.80	168.94
296	36.68	13.22	653	8.56	4.20	4.34	.98	2.52	.35	.15	.32
				135.25	318.41	1.28	326.33	17.89	255.48	210.11	147.44
297	37.77	15.00	653	9.69	4.99	5.00	1.12	2.96	.35	.32	.27
				138.95	324.51	13.23	329.25	33.12	259.26	253.14	158.94
299	38.95	16.03	653	10.95	5.43	5.92	1.34	3.19	.40	.48	.32
				137.88	322.45	13.88	324.51	29.89	251.92	260.87	143.97
300	39.51	17.06	652	11.46	5.72	6.08	1.36	3.32	.39	.52	.25
				136.70	320.37	11.56	310.92	29.33	237.92	260.27	139.14
301	40.22	18.33	652	12.06	6.14	6.19	1.40	3.43	.37	.56	.23
				136.89	321.03	15.34	315.20	38.57	227.82	272.31	132.14

CHORDWISE 37 PERCENT RADIUS											
RUN NO 11											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
279	31.60	37.68	653	15.69	3.69	5.58	4.93	8.98	7.09	2.03	.09
				272.79	101.87	258.68	46.94	357.88	192.92	358.41	29.20
280	30.85	49.36	654	22.41	6.58	5.65	6.75	8.43	11.64	3.11	.08
				286.85	97.27	250.29	15.56	313.09	192.12	293.49	43.87
281	28.84	54.55	653	29.29	9.51	6.82	9.52	11.83	10.86	14.47	1.46
				305.92	115.50	253.03	33.71	323.89	230.71	353.56	80.86
282	26.61	62.54	653	37.17	12.21	9.86	12.87	12.97	13.59	3.93	2.09
				317.32	121.50	253.96	38.69	324.68	244.82	349.62	57.88
283	23.33	74.56	652	46.50	14.99	14.24	14.87	16.59	16.89	4.12	2.82
				323.76	123.07	248.69	30.72	303.88	254.86	291.11	3.11
284	19.84	89.78	653	57.76	17.54	18.28	15.96	18.30	16.88	7.24	3.14
				335.54	137.52	267.82	41.12	330.78	294.01	290.56	22.83
285	17.59	100.06	653	68.15	20.69	21.86	15.90	19.74	18.00	10.69	4.84
				339.96	139.67	260.76	21.16	304.84	280.15	257.68	338.37
286	17.06	120.85	653	81.39	25.99	26.68	16.50	14.28	11.93	12.32	2.68
				351.69	158.50	272.28	13.88	327.76	325.35	255.65	349.69
287	20.98	25.82	653	100.29	2.28	4.02	6.25	6.49	3.32	2.19	.74
				278.07	112.26	252.03	35.30	351.73	191.85	321.76	85.44
288	28.62	33.63	652	16.45	5.26	4.45	7.21	7.93	5.35	3.15	1.47
				296.95	114.42	253.72	30.34	309.93	239.34	329.29	102.82
289	28.36	47.72	653	24.70	7.91	6.90	10.31	11.39	10.29	2.60	.80
				309.74	112.19	223.55	6.92	298.70	192.73	298.97	44.94
290	27.29	61.61	654	32.16	9.88	10.73	12.40	10.80	7.28	2.86	2.25
				319.69	117.94	225.50	1.95	300.80	185.50	255.30	29.58
291	25.36	76.72	653	42.74	12.89	16.33	15.38	10.01	10.94	4.23	2.88
				335.00	139.79	256.67	39.35	323.37	262.10	298.78	86.31
292	23.37	91.60	653	53.86	14.42	21.53	16.27	12.91	13.95	5.53	2.78
				337.15	135.48	253.25	28.44	303.71	260.60	268.32	46.82
293	21.85	101.46	654	67.15	17.00	20.88	14.33	12.83	11.71	2.86	2.63
				343.30	140.76	255.98	22.70	295.03	293.70	267.19	19.97
294	21.00	106.01	652	73.95	18.74	28.97	14.12	12.39	10.35	6.52	2.56
				343.98	140.51	250.85	4.97	269.45	300.05	256.24	4.26
295	29.18	33.72	653	13.20	3.88	3.88	8.41	5.77	4.71	1.68	1.34
				309.34	137.10	232.37	29.88	290.64	249.60	336.89	66.13
296	29.36	44.72	653	20.81	5.49	7.90	11.88	5.40	5.84	1.13	1.86
				324.09	135.23	220.73	19.43	300.84	223.80	280.87	40.84
297	29.87	64.94	653	29.31	6.55	12.24	15.34	5.67	10.19	3.25	2.20
				337.73	144.36	239.63	30.09	311.27	252.52	268.67	69.72
299	29.24	82.00	653	40.46	8.07	17.75	10.78	5.41	12.53	4.57	2.33
				341.13	140.99	243.56	25.51	280.22	251.29	271.44	59.12
300	28.73	90.43	652	46.00	8.81	20.37	19.43	4.57	13.30	5.29	2.43
				342.60	139.99	244.13	17.14	269.41	252.00	273.10	45.64
301	27.63	101.73	652	55.12	10.07	23.93	20.35	5.77	13.75	5.91	2.66
				346.81	141.91	251.38	14.25	247.30	262.39	290.94	47.63

TABLE VII.- Continued

(d) Continued

TORSION 36 PERCENT RADIUS											
RUN NO 11											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
279	9.1#	9.35	653	6.88	1.66	4.58	1.36	1.27	.14	.61	.2# AMP
				328.9#	1#2.82	344.54	231.46	256.9#	27# .34	213.65	146.69 PHASE
28#	7.86	9.84	654	7.36	1.52	3.63	1.31	1.24	.12	.62	.19 AMP
				33# .81	89.34	338.33	214.51	228.74	241.8#	178.97	11# .26 PHASE
281	4.91	18.38	653	8.16	1.48	4.46	1.39	1.25	.15	.69	.26 AMP
				341.29	92.41	346.27	233.35	265.99	218.94	2#7.33	152.62 PHASE
282	2.68	11.58	653	9.49	1.73	3.33	1.6#	1.23	.23	.8#	.2# AMP
				345.68	83.79	293.89	236.89	247.19	228.72	2#8.35	167.87 PHASE
283	.19	13.72	652	11.29	2.3#	.39	1.89	1.48	.27	.75	.24 AMP
				346.96	75.51	224.48	216.74	227.33	241.2#	183.29	115.67 PHASE
284	-2.57	16.75	653	13.75	2.61	1.3#	2.34	1.87	.46	.99	.32 AMP
				354.17	89.45	225.14	233.25	248.82	267.23	2#5.97	146.3# PHASE
285	-5.65	21.82	653	16.9#	2.79	2.58	3.8#	2.38	.58	1.46	.29 AMP
				351.91	85.4#	219.85	219.51	225.62	236.79	185.82	146.87 PHASE
286	-18.8#	25.48	653	21.95	2.2#	4.74	2.78	3.92	2.89	2.57	.77 AMP
				353.65	114.1#	244.37	228.16	228.77	229.4#	216.52	248.49 PHASE
287	8.14	8.46	653	5.5#	1.19	.46	1.49	1.84	.27	.47	.81 AMP
				327.57	84.72	292.29	211.92	253.56	26.72	199.32	276.55 PHASE
288	6.23	8.79	652	7.86	.96	.41	1.38	.97	.28	.49	.82 AMP
				337.67	83.33	3#3.65	217.96	27# .22	28.85	214.87	2#8.46 PHASE
289	4.19	9.8#	653	7.91	.89	.33	1.51	1.83	.24	.56	.1# AMP
				338.59	64.86	264.95	198.29	249.37	4.77	175.65	16# .19 PHASE
29#	2.17	18.87	654	8.88	1.82	.42	1.63	.96	.26	.74	.14 AMP
				342.33	55.22	222.67	193.95	241.63	5.84	154.51	162.82 PHASE
291	-.19	13.8#	653	18.4#	1.32	.94	1.86	1.83	.23	.8#	.12 AMP
				354.59	83.91	222.55	226.22	287.52	64.63	2#2.42	188.76 PHASE
292	-2.64	15.32	653	12.16	1.75	1.5#	1.98	1.23	.26	.83	.17 AMP
				355.5#	9# .75	2#7.5#	217.41	272.49	12.73	179.33	139.51 PHASE
293	-5.3#	19.6#	654	14.92	2.7#	2.62	2.48	1.93	.58	.77	.16 AMP
				358.33	92.45	2#6.98	228.73	288.15	324.1#	183.7#	173.44 PHASE
294	-6.77	22.45	652	16.71	3.18	3.28	2.79	2.51	.81	.76	.1# AMP
				356.61	88.17	2#1.32	228.48	275.57	3#2.91	18# .6#	221.15 PHASE
295	5.11	7.9#	653	6.53	.58	.38	1.16	.87	.17	.28	.82 AMP
				337.98	63.25	285.93	2#1.2#	243.47	13.71	189.1#	243.24 PHASE
296	3.25	8.49	653	7.3#	.56	.35	1.24	1.8#	.17	.44	.8# AMP
				341.89	49.6#	271.67	198.32	228.71	1.17	175.63	234.57 PHASE
297	1.27	9.8#	653	8.26	.64	.36	1.58	1.15	.11	.52	.85 AMP
				349.74	57.28	249.87	2#8.84	248.89	37.99	188.51	2#8.45 PHASE
299	-.83	11.4#	653	9.41	.71	.53	1.84	1.23	.13	.68	.86 AMP
				352.97	64.88	2#2.5#	2#5.63	242.43	69.81	175.82	168.45 PHASE
3#8	-1.8#	12.29	652	18.85	.77	.75	1.96	1.33	.17	.59	.86 AMP
				354.23	72.34	197.84	2#3.37	242.46	5# .69	168.84	153.24 PHASE
3#1	-3.14	13.73	652	11.86	.98	1.18	2.11	1.38	.5#	.6#	.87 AMP
				357.45	81.25	194.27	2#9.25	258.58	53.12	167.67	179.49 PHASE

TABLE VII.- Continued

(d) Continued

FLAPWISE 51 PERCENT RADIUS

PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
279	18.82	17.46	653	18.28	6.89	2.96	.68	1.16	1.26	2.31	.24	AMP
				127.93	312.88	359.38	326.49	217.78	133.85	61.89	236.75	PHASE
280	19.63	18.91	654	11.77	6.67	4.81	1.65	1.82	1.19	2.38	.14	AMP
				126.22	299.99	347.49	389.81	196.24	184.68	32.27	384.79	PHASE
281	28.25	28.16	653	13.27	7.61	4.74	.66	.94	1.89	2.27	.52	AMP
				132.96	385.76	6.83	336.28	215.98	125.84	65.45	4.39	PHASE
282	28.91	22.86	653	14.73	8.41	5.48	.74	1.17	1.17	2.43	.88	AMP
				132.54	381.56	6.53	336.65	212.86	113.82	59.58	4.49	PHASE
283	21.46	24.56	652	16.32	9.18	6.58	.96	.49	1.23	2.49	1.18	AMP
				128.15	293.15	357.96	338.68	183.88	87.93	31.94	329.52	PHASE
284	22.13	27.18	653	17.82	18.87	6.98	1.13	.19	1.25	3.13	1.89	AMP
				131.41	388.42	16.76	17.93	151.12	92.86	48.89	351.57	PHASE
285	22.62	38.15	653	18.92	11.76	6.81	1.38	.38	1.32	3.54	2.84	AMP
				127.84	293.81	9.49	26.74	74.89	45.73	15.34	325.81	PHASE
286	22.66	31.11	653	18.72	14.94	5.62	.88	.64	1.67	3.86	2.23	AMP
				128.97	298.83	17.86	47.36	21.31	51.64	11.73	342.75	PHASE
287	28.28	16.51	653	9.63	5.32	3.53	.98	1.16	.71	1.91	.95	AMP
				123.85	388.87	357.63	388.82	232.38	135.26	22.78	288.74	PHASE
288	21.89	18.12	652	18.94	6.19	4.85	.99	1.89	.74	1.97	.81	AMP
				128.95	389.24	4.15	322.51	247.76	138.71	48.86	218.54	PHASE
289	22.89	28.52	653	12.47	7.11	5.93	1.15	.61	.58	3.54	2.54	AMP
				126.28	295.17	351.21	386.79	225.87	183.18	358.96	176.86	PHASE
298	22.86	22.25	654	13.92	7.78	6.53	1.88	1.86	.64	2.28	.46	AMP
				126.23	289.22	358.36	384.41	223.73	93.78	358.53	148.68	PHASE
291	23.73	25.62	653	15.47	8.88	7.68	1.84	1.18	.68	2.52	.38	AMP
				133.77	388.33	14.73	331.51	267.84	138.56	35.75	282.88	PHASE
292	24.48	27.63	653	16.92	9.27	8.24	1.83	1.16	.58	2.67	.25	AMP
				138.56	292.67	7.22	324.28	254.64	98.88	45.73	194.47	PHASE
293	25.12	29.45	654	19.88	9.89	8.31	1.66	1.27	.46	2.89	1.14	AMP
				129.42	298.22	8.62	329.66	248.57	79.34	2.88	276.38	PHASE
294	25.49	38.68	652	18.39	18.36	8.27	.33	1.39	.42	2.88	.43	AMP
				126.57	285.78	3.22	321.47	238.81	46.98	342.81	225.23	PHASE
295	22.93	15.19	653	9.97	4.94	4.73	.67	.92	.58	.97	.46	AMP
				128.67	387.97	354.77	318.87	229.28	129.13	7.14	165.12	PHASE
296	23.79	17.31	653	11.36	5.81	5.78	1.84	.51	1.18	1.18	.56	AMP
				129.85	382.17	354.38	298.84	223.26	119.84	358.83	138.32	PHASE
297	24.57	28.86	653	12.88	6.93	6.94	.58	1.87	.45	1.86	.88	AMP
				133.75	387.64	6.34	319.86	245.84	133.81	8.89	166.83	PHASE
299	25.51	22.82	653	14.53	7.69	8.13	.51	1.87	.39	1.16	.55	AMP
				134.21	384.43	6.77	323.75	243.82	126.43	349.94	129.77	PHASE
388	25.97	24.15	652	15.31	8.88	8.56	.49	1.18	.38	1.23	.52	AMP
				134.89	381.92	5.37	328.58	242.66	125.51	339.14	124.77	PHASE
381	26.53	25.98	652	15.32	8.69	8.98	.45	1.11	.41	1.39	.61	AMP
				135.62	381.66	9.29	341.21	258.15	134.87	332.76	118.93	PHASE

CHORDWISE 51 PERCENT RADIUS

PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
279	33.16	42.36	653	15.48	3.52	5.19	5.85	18.33	9.28	3.88	4.43	AMP
				274.84	186.29	264.54	49.37	359.18	194.36	13.64	57.56	PHASE
280	32.48	52.26	654	21.23	6.81	5.38	8.81	9.47	15.12	4.84	1.73	AMP
				284.95	98.45	258.57	18.88	37.82	19.78	387.37	53.48	PHASE
281	31.14	57.33	653	27.32	8.23	6.26	11.17	17.88	13.77	6.86	2.81	AMP
				381.98	114.47	264.94	36.53	326.52	233.98	3.79	94.48	PHASE
282	28.92	66.74	653	34.56	11.41	9.18	14.14	14.28	17.87	4.85	2.98	AMP
				312.37	117.59	265.38	48.92	327.52	247.26	3.34	75.46	PHASE
283	25.68	76.38	652	43.29	14.25	13.21	16.68	18.98	28.82	4.29	3.39	AMP
				317.91	116.51	268.53	31.46	388.58	257.99	388.57	21.53	PHASE
284	21.73	89.76	653	53.88	16.98	17.29	19.28	21.47	19.83	7.64	3.93	AMP
				329.63	138.35	278.19	41.15	337.73	297.38	293.44	38.84	PHASE
285	18.63	181.85	653	63.34	21.83	21.63	28.42	21.37	22.54	12.42	5.84	AMP
				334.63	133.55	278.86	28.71	313.31	293.82	258.97	348.22	PHASE
286	16.32	114.86	653	74.89	28.18	28.57	21.12	17.98	15.86	15.83	5.11	AMP
				348.17	157.26	283.58	16.74	336.21	338.87	258.23	349.89	PHASE
287	29.18	29.81	653	18.66	2.27	3.82	7.68	7.41	4.53	3.14	1.29	AMP
				288.78	118.28	264.65	36.36	351.68	195.45	338.47	86.29	PHASE
288	28.63	38.66	652	16.36	4.67	4.25	9.12	8.87	7.29	4.24	2.12	AMP
				295.69	116.81	272.55	32.95	311.28	241.77	339.27	112.81	PHASE
289	28.47	61.78	653	23.48	6.99	6.11	12.65	12.31	5.48	3.22	2.73	AMP
				384.74	118.71	243.85	18.88	299.61	197.46	386.88	54.67	PHASE
298	27.86	63.35	654	29.93	8.86	9.68	14.96	12.83	9.26	3.64	3.75	AMP
				312.98	114.48	241.61	4.37	382.93	187.54	258.89	43.91	PHASE
291	26.23	75.48	653	39.26	11.74	14.92	18.17	12.17	14.43	5.37	4.88	AMP
				328.82	136.21	271.88	39.81	325.28	252.88	388.55	181.33	PHASE
292	23.82	88.88	653	49.11	13.22	18.86	19.82	11.85	17.99	7.29	3.55	AMP
				338.13	131.38	265.97	27.55	387.18	269.89	269.19	62.88	PHASE
293	21.46	93.84	654	61.36	17.16	25.37	18.42	12.22	15.89	9.77	3.85	AMP
				337.88	135.75	265.92	21.86	296.83	294.68	268.65	22.18	PHASE
294	28.31	185.95	652	66.84	19.86	28.86	18.36	12.72	13.68	9.84	3.32	AMP
				338.78	136.61	259.98	6.39	263.73	388.79	268.41	1.56	PHASE
295	28.31	38.62	653	13.26	3.48	3.59	18.28	6.28	5.38	1.38	1.99	AMP
				386.82	142.82	287.88	38.78	291.58	251.58	344.68	75.25	PHASE
296	27.86	47.13	653	19.76	4.96	6.89	14.31	5.75	7.64	1.46	2.98	AMP
				318.38	135.89	248.59	21.75	384.47	225.84	277.19	54.83	PHASE
297	28.19	63.24	653	26.93	6.86	18.88	18.14	6.34	13.66	4.82	3.31	AMP
				338.41	142.36	258.52	32.76	317.29	253.93	266.28	83.77	PHASE
299	27.82	88.81	653	36.53	7.33	15.72	22.28	5.66	16.72	6.76	3.32	AMP
				333.84	148.28	268.32	27.53	296.18	252.68	278.21	74.91	PHASE
388	27.38	86.88	652	41.18	7.29	18.22	23.24	31	17.78	7.55	3.39	AMP
				335.19	138.44	259.44	19.74	277.78	253.17	278.71	59.85	PHASE
381	25.95	95.98	652	48.83	9.13	21.82	24.48	5.25	18.11	8.49	3.62	AMP
				339.48	139.36	265.17	17.87	247.88	263.69	288.23	58.29	PHASE

TABLE VII.- Continued

(d) Continued

TORSION 5# PERCENT RADIUS												
RUN NO 11												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
279	5.86	7.83	653	5.73	1.33	.56	1.84	1.12	.81	.39	.25	AMP
				338.11	128.85	357.16	258.35	287.52	113.39	271.61	281.25	PHASE
280	3.29	8.86	654	6.88	1.18	.63	.95	1.89	.82	.48	.28	AMP
				339.97	112.63	349.53	242.41	268.94	169.44	235.35	169.47	PHASE
281	1.46	8.28	653	6.64	1.82	.55	1.81	1.18	.14	.44	.23	AMP
				358.21	119.32	2.72	257.59	285.91	227.29	266.58	289.85	PHASE
282	-4.1	8.92	653	7.48	.88	.43	1.28	1.89	.16	.58	.28	AMP
				353.64	187.96	351.38	256.58	279.28	251.39	255.55	231.99	PHASE
283	-2.43	18.55	652	8.58	1.11	.18	1.52	1.25	.17	.49	.21	AMP
				353.95	85.89	353.15	238.15	261.58	262.32	242.15	171.46	PHASE
284	-4.74	12.74	653	18.89	1.24	.66	2.12	1.46	.35	.68	.32	AMP
				359.43	88.49	221.26	256.88	276.87	298.56	266.76	198.38	PHASE
285	-7.21	15.58	653	12.16	1.35	1.65	2.75	1.76	.65	.88	.33	AMP
				355.61	72.78	228.46	244.48	256.19	272.85	239.77	194.28	PHASE
286	-18.87	19.51	653	16.18	1.81	3.87	2.99	2.96	2.18	1.75	.92	AMP
				354.78	68.88	244.17	253.12	248.66	272.63	264.65	279.67	PHASE
287	4.83	7.43	653	5.53	.98	.39	1.14	.99	.29	.33	.89	AMP
				336.92	185.62	322.82	239.38	283.83	72.89	257.78	145.93	PHASE
288	2.43	7.57	652	5.97	.75	.35	1.82	.98	.33	.35	.89	AMP
				346.63	111.73	332.56	244.29	388.99	77.95	276.84	155.11	PHASE
289	.72	8.44	653	6.63	.68	.24	1.11	.92	.27	.42	.18	AMP
				347.38	188.81	388.45	224.86	278.19	64.86	237.96	153.42	PHASE
290	-9.4	8.98	654	7.27	.58	.19	1.19	.85	.38	.58	.18	AMP
				358.79	89.48	268.14	217.73	269.77	45.72	287.52	196.77	PHASE
291	-2.83	18.21	653	8.17	.55	.41	1.46	1.84	.48	.58	.14	AMP
				2.18	182.98	231.86	247.58	315.97	97.49	253.47	286.22	PHASE
292	-4.68	11.99	653	9.27	.75	.84	1.72	1.26	.46	.62	.18	AMP
				2.11	181.51	285.63	238.38	387.94	72.81	229.29	162.46	PHASE
293	-6.84	15.18	654	11.81	1.24	1.58	2.23	1.87	.54	.66	.14	AMP
				3.84	95.42	285.48	248.59	315.88	33.84	241.35	165.67	PHASE
294	-8.11	17.83	652	12.23	1.51	2.81	2.58	2.39	.67	.69	.88	AMP
				1.57	98.83	288.85	248.87	318.88	3.37	242.56	182.42	PHASE
295	1.84	6.81	653	5.57	.39	.24	.87	.77	.22	.21	.86	AMP
				347.54	182.91	315.39	227.24	275.59	63.81	248.34	91.73	PHASE
296	.22	7.22	653	6.18	.28	.16	.95	.85	.28	.31	.83	AMP
				351.26	98.48	381.98	223.14	268.84	44.19	226.48	347.89	PHASE
297	-1.54	7.95	653	6.88	.24	.17	1.18	1.84	.18	.39	.82	AMP
				358.93	183.14	262.88	231.38	279.37	74.38	236.78	169.85	PHASE
299	-3.37	9.18	653	7.71	.29	.32	1.42	1.14	.21	.43	.85	AMP
				2.86	118.28	284.52	226.48	275.74	81.32	219.33	178.38	PHASE
300	-4.28	18.15	652	8.17	.34	.47	1.55	1.28	.27	.44	.84	AMP
				3.84	119.75	281.49	224.78	275.93	75.68	218.47	154.12	PHASE
301	-5.42	18.96	652	8.98	.58	.79	1.68	1.26	.48	.47	.83	AMP
				5.87	124.32	199.39	238.78	291.88	79.59	286.82	228.47	PHASE

TABLE VII.- Continued

(d) Continued

FLAPWISE 77 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
279	-4.22	24.25	653	16.67	6.19	3.1#	2.65	3.87	.85	2.86	.31	AMP
				136.95	323.33	287.34	148.62	216.36	345.1#	236.92	181.58	PHASE
280	-2.67	25.98	654	17.75	6.56	3.39	2.23	4.##	.62	2.77	.5#	AMP
				135.61	31#.79	283.72	134.12	199.14	314.31	284.22	148.44	PHASE
281	-1.17	27.36	653	18.88	7.22	3.44	1.9#	4.15	.43	2.82	1.89	AMP
				142.82	315.44	3#7.1#	15#.9#	229.4#	318.43	235.89	191.34	PHASE
282	.49	29.44	653	2#.24	7.69	3.31	1.71	4.89	.59	3.85	1.39	AMP
				143.27	31#.36	3#9.96	15#.6#	226.85	288.59	229.54	184.97	PHASE
283	2.11	31.18	652	21.76	8.28	3.51	1.32	4.84	.72	2.94	1.78	AMP
				14#.84	299.11	3#5.21	146.29	2#6.31	271.##	2#3.18	145.42	PHASE
284	3.94	33.95	653	23.83	8.62	2.64	1.31	3.81	.73	3.58	2.89	AMP
				144.82	3#4.87	326.16	159.29	217.41	3#9.63	219.24	168.6#	PHASE
285	5.55	36.35	653	25.54	9.56	1.64	1.57	1.5#	.37	3.99	3.32	AMP
				14#.#7	296.77	319.96	89.89	166.28	339.7#	183.71	142.74	PHASE
286	6.47	39.68	653	26.9#	11.9#	1.24	4.2#	3.55	.29	3.69	3.36	AMP
				141.63	3#1.2#	335.25	71.72	1#7.95	112.86	184.52	163.85	PHASE
287	-2.98	22.17	653	16.38	5.53	2.98	2.52	3.68	.43	2.28	1.35	AMP
				134.59	325.44	293.23	133.61	22#.15	8.37	193.87	2#3.37	PHASE
288	-1.33	24.25	652	17.38	6.12	3.53	2.25	3.66	.56	2.31	1.85	AMP
				139.79	324.29	31#.#4	136.##	236.89	22.12	288.93	3.21	PHASE
289	.34	25.98	653	18.61	6.86	3.95	2.3#	3.59	.46	2.36	.74	AMP
				136.84	3#9.97	3#2.62	11#.#4	216.79	5.9#	166.37	348.67	PHASE
290	1.86	27.71	654	19.75	7.5#	4.22	1.97	3.48	.55	2.61	.59	AMP
				137.54	3#2.74	3#5.83	97.94	2#7.93	356.85	158.4#	319.75	PHASE
291	3.72	3#.#8	653	21.13	8.48	4.37	1.63	4.88	.53	2.92	1.4#	AMP
				145.87	311.3#	335.93	119.63	245.84	37.3#	2#5.52	7.4#	PHASE
292	5.34	32.56	653	22.82	9.21	4.67	1.77	4.61	.59	3.88	.#1	AMP
				143.74	3#2.49	33#.68	88.##	235.68	24.28	176.37	14.95	PHASE
293	6.97	35.68	654	24.49	1#.#3	4.42	1.44	5.11	.77	3.27	.55	AMP
				144.17	298.53	329.64	59.15	244.51	16.14	167.88	17#.#5	PHASE
294	7.75	36.72	652	25.36	1#.#5	4.47	1.88	5.56	.83	3.33	.56	AMP
				142.18	293.46	323.21	38.25	243.38	3.54	147.38	112.77	PHASE
295	.52	21.82	653	16.87	5.16	3.53	1.84	3.52	.35	1.32	1.27	AMP
				139.28	323.19	3#9.81	129.47	282.75	62.35	169.17	35#.#2	PHASE
296	2.88	23.55	653	17.95	5.88	4.14	2.88	3.86	.35	1.53	.77	AMP
				139.81	315.88	312.95	117.61	189.13	46.11	163.73	324.67	PHASE
297	3.68	26.33	653	18.4#	6.91	4.66	2.14	4.46	.34	1.49	.53	AMP
				144.36	317.81	331.88	122.48	2#4.77	51.16	172.17	353.62	PHASE
299	5.4#	29.44	653	19.78	7.86	5.49	2.2#	4.82	.38	1.6#	.67	AMP
				145.89	31#.#1	337.82	113.63	281.96	46.22	157.63	389.83	PHASE
300	6.27	38.14	652	28.54	8.41	6.66	2.88	5.85	.66	2.82	.83	AMP
				144.88	3#7.87	337.77	186.74	2#1.29	31.51	146.14	3#5.28	PHASE
301	7.3#	32.56	652	21.69	9.1#	5.92	2.53	5.23	.43	1.91	.77	AMP
				146.52	3#6.45	343.69	184.19	211.53	49.2#	142.65	292.95	PHASE

CHORDWISE 77 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
279	16.21	22.7#	653	6.46	2.77	3.29	2.55	2.42	3.47	1.22	.63	AMP
				174.25	328.88	285.56	86.14	3#5.71	189.33	282.62	87.99	PHASE
280	17.65	24.47	654	5.82	2.63	3.62	2.91	3.38	2.21	1.4#	.21	AMP
				185.85	325.11	286.28	43.35	261.78	19#.#2	247.87	83.23	PHASE
281	18.72	21.54	653	5.21	2.47	3.84	3.14	5.15	5.6#	1.87	1.48	AMP
				2#6.2#	334.79	3#5.22	52.23	285.47	23#.#7	319.63	139.65	PHASE
282	19.69	23.55	653	4.49	2.34	4.52	5.38	6.41	7.23	1.21	1.91	AMP
				226.5#	337.46	3#6.81	51.12	29#.#2	244.29	3#5.73	125.84	PHASE
283	2#.#36	31.42	652	4.46	2.89	5.88	6.42	8.87	8.7#	1.55	2.82	AMP
				252.3#	327.77	299.3#	36.29	28#.#5	255.31	243.24	9#.#76	PHASE
284	21.25	32.97	653	5.12	1.82	6.4#	7.42	7.21	8.67	3.37	2.21	AMP
				286.##	338.22	313.85	47.89	319.59	296.8#	247.42	131.21	PHASE
285	21.98	4#.#61	653	5.85	2.82	6.33	8.83	7.2#	9.66	5.68	1.66	AMP
				311.##	323.31	295.4#	27.59	3#6.33	293.19	223.91	97.88	PHASE
286	23.21	49.53	653	8.83	3.34	8.4#	8.91	6.72	7.37	7.88	.98	AMP
				348.23	22#.#96	29#.#66	21.36	351.36	342.88	232.61	248.57	PHASE
287	17.55	19.23	653	6.11	2.48	2.96	3.87	2.45	1.65	1.88	1.39	AMP
				16#.#88	325.31	294.88	61.59	284.15	192.32	255.63	43.88	PHASE
288	17.2#	19.36	652	5.21	2.56	3.6#	3.58	4.86	2.75	1.36	1.39	AMP
				177.24	333.4#	311.74	51.55	273.34	243.42	283.52	78.89	PHASE
289	18.58	19.3#	653	4.13	2.61	4.26	5.85	5.66	1.76	.79	1.52	AMP
				189.88	324.85	296.57	24.69	265.29	199.97	224.63	37.86	PHASE
290	2#.#16	22.42	654	3.38	2.54	5.26	6.85	5.82	3.26	1.88	1.86	AMP
				21#.#66	315.89	293.27	14.7#	265.99	186.79	196.69	32.29	PHASE
291	21.43	27.18	653	3.38	2.71	7.84	7.61	5.91	5.76	2.52	1.39	AMP
				268.42	317.87	317.11	45.38	28#.#8	263.87	248.89	18#.#19	PHASE
292	23.16	32.35	653	4.47	2.95	8.62	8.89	7.89	7.64	3.25	1.66	AMP
				283.4#	31#.#93	3#7.28	31.##	274.36	27#.#43	22#.#43	76.71	PHASE
293	24.15	35.66	654	6.39	2.37	9.43	8.81	7.63	7.87	4.87	.67	AMP
				3#8.86	3#5.24	3#8.22	24.91	267.41	295.98	231.56	53.15	PHASE
294	24.7#	39.86	652	6.74	1.53	9.88	7.62	9.18	7.18	3.41	1.15	AMP
				317.13	277.56	287.88	9.47	247.62	298.19	225.23	14.88	PHASE
295	18.8#	19.38	653	4.48	2.12	3.49	4.87	4.86	2.11	2.22	2.11	AMP
				167.38	323.88	386.5#	43.27	24#.#38	246.87	335.84	47.34	PHASE
296	19.54	18.9#	653	3.18	2.25	4.31	5.59	2.81	3.1#	.93	1.53	AMP
				179.62	318.29	299.45	32.25	229.59	221.2#	187.22	28.66	PHASE
297	21.8#	23.65	653	1.88	2.75	5.78	7.31	3.32	5.69	2.29	1.55	AMP
				2#9.87	318.64	311.71	41.53	242.42	249.16	23#.#57	68.3#	PHASE
299	22.75	27.14	653	2.23	3.23	7.61	9.15	4.##	7.81	2.78	1.2#	AMP
				271.89	313.42	31#.#69	35.36	228.15	248.14	238.34	59.52	PHASE
300	23.19	29.27	652	2.94	3.64	4.81	9.54	4.46	7.51	2.87	1.27	AMP
				289.82	311.34	387.94	29.83	215.34	248.69	248.57	44.29	PHASE
301	23.83	31.95	652	4.21	3.93	9.64	18.99	5.58	7.65	2.82	1.16	AMP
				3#5.19	311.71	31#.#85	28.64	217.85	259.21	261.31	38.93	PHASE

TABLE VII.- Continued

(d) Concluded

TORSION 75 PERCENT RADIUS											
RUN NO 11											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
279	1.15	5.58	653	3.58	1.38	.24	298.83	387.18	287.98	38.87	387.89
				323.83	115.81	.81	298.83	387.18	287.98	38.87	387.89
280	-4.4	5.79	654	3.85	1.28	.28	279.39	283.38	196.77	9.44	282.95
				328.96	112.29	.23	279.39	283.38	196.77	9.44	282.95
281	-2.85	6.72	653	4.26	1.17	.23	348.55	292.42	386.65	278.97	33.28
				342.38	126.24	.19	348.55	292.42	386.65	278.97	33.28
282	-3.59	6.58	653	4.77	1.85	.19	327.27	281.22	382.81	317.68	38.79
				348.19	131.57	.18	327.27	281.22	382.81	317.68	38.79
283	-5.87	6.98	652	5.34	1.83	.18	258.58	275.37	267.21	356.85	296.38
				358.91	138.32	.31	258.58	275.37	267.21	356.85	296.38
284	-6.68	7.66	653	6.15	.97	.31	246.45	254.38	279.42	288.84	14.58
				358.82	163.74	.54	246.45	254.38	279.42	288.84	14.58
285	-7.95	9.25	653	7.84	1.99	.54	221.81	222.98	239.34	265.58	347.62
				356.26	168.88	.67	221.81	222.98	239.34	265.58	347.62
286	-9.88	12.14	653	8.74	.75	.67	198.88	224.98	235.43	266.59	345.36
				353.78	172.14	.82	198.88	224.98	235.43	266.59	345.36
287	.52	4.98	653	3.32	1.89	.82	272.71	293.63	149.67	18.31	246.67
				321.71	112.41	.83	272.71	293.63	149.67	18.31	246.67
288	-9.8	5.28	652	3.62	.99	.83	285.39	386.75	132.86	33.25	283.36
				335.79	126.58	.55	285.39	386.75	132.86	33.25	283.36
289	-2.56	5.98	653	4.14	.92	.89	259.88	277.48	87.28	345.58	264.53
				339.79	126.57	.19	259.88	277.48	87.28	345.58	264.53
290	-4.84	6.75	654	4.67	.87	.19	242.84	268.68	65.81	342.47	247.28
				345.66	131.87	.38	242.84	268.68	65.81	342.47	247.28
291	-5.72	7.69	653	5.36	.95	.38	257.74	318.32	79.66	31.45	279.22
				358.73	151.35	.59	257.74	318.32	79.66	31.45	279.22
292	-7.28	8.32	653	6.88	1.86	.59	238.59	298.88	53.75	6.21	265.76
				381.81	158.85	.67	238.59	298.88	53.75	6.21	265.76
293	-8.62	9.13	654	6.98	1.89	.67	237.17	299.24	16.59	359.54	294.84
				381.81	157.26	.84	237.17	299.24	16.59	359.54	294.84
294	-9.36	9.78	652	7.48	1.83	.61	161.14	232.71	294.87	354.68	144.36
				381.81	157.26	.84	161.14	232.71	294.87	354.68	144.36
295	-1.57	4.34	653	3.23	.64	.88	263.35	285.51	99.88	354.24	328.18
				338.21	138.95	.17	263.35	285.51	99.88	354.24	328.18
296	-3.83	5.13	653	3.78	.68	.17	258.18	278.68	68.38	352.27	254.88
				345.26	148.41	.32	258.18	278.68	68.38	352.27	254.88
297	-4.62	5.86	653	4.29	.66	.32	246.23	286.97	53.48	15.78	278.88
				358.57	153.81	.74	246.23	286.97	53.48	15.78	278.88
299	-6.24	6.88	653	5.88	.78	.56	233.57	283.21	48.69	28.78	272.23
				388.88	154.13	.65	233.57	283.21	48.69	28.78	272.23
300	-7.85	7.31	652	5.38	.98	.65	229.47	282.28	36.83	23.95	236.65
				381.81	178.84	.84	229.47	282.28	36.83	23.95	236.65
301	-8.81	7.93	652	5.95	1.85	.84	231.12	298.91	38.52	53.41	238.26
				381.81	155.64	.62	231.12	298.91	38.52	53.41	238.26

PITCH LINK											
RUN NO 11											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
279	-3.39	9.81	653	6.81	1.88	.56	1.38	1.36	.44	1.28	.23
				172.28	289.76	173.88	76.92	138.67	129.48	58.98	9.37
280	-1.76	18.72	654	6.43	1.88	.74	1.26	1.36	.35	1.34	.41
				174.71	276.85	159.98	59.83	189.58	89.21	26.19	334.67
281	-.16	11.71	653	7.24	.99	.68	1.37	1.43	.43	1.32	.65
				183.59	277.21	169.18	88.36	139.16	85.61	52.56	16.17
282	1.55	13.38	653	8.43	1.15	.69	1.41	1.36	.65	1.52	.57
				187.84	268.87	137.43	82.48	128.89	86.48	49.49	356.82
283	3.58	15.85	652	18.32	1.57	.69	1.61	1.72	.87	1.45	.78
				186.38	265.36	187.89	61.35	98.75	98.81	329.38	319.81
284	5.84	18.87	653	12.92	1.94	1.68	1.94	2.38	.94	1.81	.91
				193.87	286.29	81.75	77.82	185.85	111.58	42.58	349.84
285	8.58	24.37	653	16.56	2.27	2.99	2.33	3.19	.91	2.19	.71
				198.43	284.97	65.19	63.93	83.58	78.43	24.89	334.13
286	12.58	33.21	653	22.42	2.15	5.84	2.31	5.48	2.72	2.82	.92
				191.66	318.57	77.89	54.66	69.19	79.65	62.56	96.87
287	-2.23	7.89	653	4.88	.46	.85	1.48	1.27	.38	.97	.11
				173.38	283.81	132.38	58.34	138.38	164.61	32.59	157.22
288	-.84	8.81	652	5.51	.29	.97	1.38	1.22	.31	1.85	.19
				188.95	265.21	151.88	63.67	145.22	163.82	47.88	82.86
289	.65	18.36	653	6.27	.26	.93	1.52	1.38	.21	1.88	.29
				182.26	224.25	126.58	46.39	127.16	118.24	358.67	22.86
290	2.88	11.71	654	7.33	.38	.87	1.57	1.29	.21	1.34	.16
				184.18	289.77	118.81	48.15	117.42	99.54	354.58	348.86
291	3.88	14.18	653	8.97	.43	1.86	1.79	1.34	.29	1.45	.15
				195.74	253.81	93.88	73.64	162.82	181.86	34.83	63.38
292	5.78	16.25	653	11.83	.76	1.61	2.88	1.62	.45	1.51	.16
				195.43	277.94	64.77	64.93	147.63	99.54	7.32	18.77
293	7.97	21.26	654	14.21	1.67	2.96	2.39	2.35	.74	1.55	.27
				197.28	283.19	54.82	75.69	142.95	135.28	359.32	45.86
294	9.32	24.37	652	16.36	2.22	3.82	2.83	2.85	.85	1.26	.55
				194.79	276.43	43.84	78.97	131.18	138.98	346.86	96.17
295	.48	7.34	653	4.77	.21	.99	1.12	1.31	.21	1.58	.23
				183.95	86.39	142.37	45.94	125.89	122.57	1.54	49.29
296	1.74	8.42	653	5.59	.29	.99	1.13	1.47	.22	.88	.24
				187.75	187.49	134.17	44.13	113.89	121.89	358.98	45.81
297	3.17	18.36	653	6.69	.37	.98	1.45	1.53	.38	.86	.19
				194.15	139.77	134.86	57.66	131.74	96.69	14.29	43.44
299	4.69	11.79	653	8.83	.37	.84	1.67	1.64	.38	.93	.38
				197.59	146.27	188.65	56.78	128.43	73.89	359.27	51.12
300	5.46	13.14	652	8.91	.32	.93	1.87	1.84	.38	348.87	45.12
				197.98	158.48	76.23	55.97	124.48	67.82	348.87	45.12
301	6.45	15.18	652	18.85	1.38	1.35	2.18	2.88	.15	1.86	.32
				288.68	192.91	61.49	62.51	133.88	68.36	344.35	59.71

TABLE VII.- Continued

(e) $\mu = 0.40$; $M_T = 0.62$

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CB/SIGMA
302	-0.5	5.9	6.1	.02471	-.00169	.00305
303	-1.8	7.6	8.0	.03240	-.00368	.00578
304	-1.8	9.0	10.0	.04186	-.00562	.00477
305	-2.4	9.9	11.9	.05160	-.00764	.00580
306	-2.7	10.5	14.0	.06595	-.00972	.00711
310	-1.1	5.2	.0	.03183	.00184	.00161
311	-1.4	6.7	2.0	.04180	.00137	.00185
312	-2.0	7.7	3.9	.05294	.00109	.00216
313	-2.1	9.1	5.9	.06504	.00061	.00267
314	-2.5	10.2	7.9	.07320	.00026	.00346
315	-2.8	10.8	8.9	.07758	-.00009	.00390
316	-3.1	11.3	10.0	.08343	-.00035	.00442
318	-.7	3.3	2.0	.02151	-.00008	.00226
319	-1.2	6.6	3.9	.03248	-.00131	.00284
320	-1.3	8.0	5.9	.04200	-.00243	.00346
321	-1.8	9.1	8.0	.05411	-.00381	.00418
322	-2.5	10.1	9.9	.06370	-.00513	.00492
323	-2.7	10.7	10.9	.06908	-.00573	.00543

TABLE VII.- Continued

(e) Continued

FLAPWISE 25 PERCENT RADIUS												
RUN NO		12										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
302	48.30	18.16	596	6.40	5.80	4.34	1.95	6.16	1.20	1.26	.87	AMP
				151.94	310.27	348.41	356.14	56.36	321.26	250.52	53.74	PHASE
303	49.50	17.72	595	6.77	5.72	4.99	2.21	5.83	1.02	1.04	.55	AMP
				140.91	306.61	343.53	338.79	41.24	313.40	225.89	348.00	PHASE
304	50.01	19.00	596	7.50	6.03	5.52	2.70	6.36	.82	1.12	.90	AMP
				137.60	311.21	351.40	333.81	49.71	337.96	236.58	341.91	PHASE
305	52.01	19.50	595	8.26	6.29	5.70	3.33	6.53	.49	1.00	1.19	AMP
				130.73	315.59	355.00	331.96	50.31	330.50	233.58	349.00	PHASE
306	53.39	21.78	593	9.17	6.59	6.20	4.16	6.71	.51	1.01	1.34	AMP
				124.21	318.46	353.38	324.43	65.71	321.13	235.87	327.23	PHASE
310	47.16	20.83	590	7.55	6.65	3.53	2.24	5.49	1.17	2.24	3.04	AMP
				144.50	314.10	24.89	353.96	106.77	344.52	231.29	92.40	PHASE
311	48.38	23.11	589	8.46	7.16	4.60	2.40	5.94	1.01	2.22	4.27	AMP
				141.10	312.30	20.28	344.25	95.36	335.67	224.62	76.47	PHASE
312	49.55	22.30	589	8.97	7.66	5.57	2.55	5.76	1.18	1.03	3.15	AMP
				139.17	313.93	23.26	345.30	94.91	337.66	229.86	77.49	PHASE
313	50.63	23.00	589	9.35	7.95	5.70	2.61	5.50	1.10	1.79	2.66	AMP
				134.03	314.00	12.17	319.53	09.04	330.60	221.95	62.00	PHASE
314	51.50	23.90	590	9.89	8.77	6.35	3.21	6.23	.88	1.61	2.56	AMP
				128.15	315.51	.10	296.95	09.15	7.95	197.26	46.04	PHASE
315	51.89	24.00	589	10.18	9.14	6.33	3.46	6.62	1.05	1.53	2.21	AMP
				124.36	315.29	354.75	200.04	90.77	19.55	107.38	20.25	PHASE
316	52.20	24.11	592	10.13	9.61	6.44	4.11	6.06	1.04	1.73	2.00	AMP
				118.50	314.70	339.25	270.27	06.60	27.56	163.61	2.00	PHASE
318	47.61	18.91	589	6.67	5.00	3.34	1.46	5.00	1.00	1.00	1.00	AMP
				147.05	311.73	351.85	359.04	76.02	330.74	248.97	03.04	PHASE
319	48.89	19.12	590	7.21	6.35	4.58	1.89	5.81	1.35	1.58	1.30	AMP
				148.30	322.07	09.96	5.39	98.61	354.14	200.23	107.74	PHASE
320	50.00	20.07	589	7.92	6.71	5.46	2.00	5.90	1.30	1.44	.03	AMP
				141.53	315.34	3.04	343.77	74.35	331.03	243.68	35.94	PHASE
321	51.29	20.29	590	8.33	7.00	6.17	2.62	5.96	1.22	1.49	1.27	AMP
				138.06	321.04	9.54	343.12	06.27	354.81	263.19	30.00	PHASE
322	52.36	20.92	589	8.78	7.23	6.34	3.02	6.30	1.26	1.34	1.74	AMP
				127.90	312.20	351.31	313.20	62.71	335.52	243.46	345.23	PHASE
323	52.89	22.36	590	9.19	7.39	5.54	3.34	6.61	1.10	1.16	1.79	AMP
				126.74	314.95	355.98	315.10	72.15	345.18	200.51	352.70	PHASE

CHORDWISE 25 PERCENT RADIUS												
RUN NO		12										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
302	45.78	37.20	596	11.09	6.85	9.27	6.60	2.86	12.52	3.24	.71	AMP
				300.29	131.79	210.13	40.05	311.86	37.53	19.50	08.17	PHASE
303	46.03	42.44	595	15.37	9.30	15.93	9.16	3.58	5.03	4.14	1.07	AMP
				322.01	137.13	200.69	32.07	269.93	34.02	27.09	55.94	PHASE
304	48.70	66.77	596	27.74	13.13	24.63	12.06	3.30	4.17	3.00	1.66	AMP
				346.12	145.02	214.62	37.60	271.00	30.74	59.47	65.14	PHASE
305	50.11	94.46	595	39.26	15.95	33.36	15.51	3.70	6.00	2.92	2.13	AMP
				356.06	150.00	224.00	39.09	231.41	204.62	56.94	04.42	PHASE
306	50.55	125.07	593	56.70	20.07	44.94	17.99	5.81	6.16	5.40	2.79	AMP
				5.53	156.89	233.09	41.20	227.00	209.33	56.70	101.60	PHASE
310	45.76	41.91	590	21.52	7.56	7.23	5.70	3.90	4.25	3.03	2.42	AMP
				260.70	119.15	249.65	72.65	74.36	190.79	93.41	154.70	PHASE
311	44.36	45.70	589	26.79	11.00	10.50	4.75	2.34	4.46	4.76	2.07	AMP
				200.06	120.30	248.41	60.69	22.10	50.40	06.54	145.64	PHASE
312	43.22	65.35	589	33.01	17.16	13.30	7.93	4.07	7.02	6.09	2.72	AMP
				309.36	125.75	242.35	53.54	6.99	114.40	102.44	154.19	PHASE
313	42.62	00.12	589	43.23	20.46	18.64	9.75	6.23	5.71	9.44	3.43	AMP
				323.23	128.06	233.29	42.73	356.74	153.39	113.63	135.32	PHASE
314	42.75	93.06	590	54.14	25.04	24.11	12.07	5.06	11.92	12.13	4.93	AMP
				335.30	130.97	231.57	38.13	351.03	176.73	118.31	116.16	PHASE
315	42.56	107.49	589	59.56	27.37	28.03	11.20	5.47	14.21	12.46	5.29	AMP
				340.19	132.90	232.23	32.51	335.29	109.19	121.00	106.71	PHASE
316	42.81	128.42	592	67.90	26.90	31.32	9.75	7.05	17.64	11.03	5.30	AMP
				344.50	131.50	229.51	02.22	305.67	196.20	129.19	90.93	PHASE
318	43.54	34.74	589	13.56	5.20	5.50	5.02	1.90	6.15	3.51	1.10	AMP
				262.29	114.73	238.57	50.72	45.01	20.49	43.71	120.07	PHASE
319	43.98	41.06	590	17.60	8.97	08.31	5.00	2.21	11.01	4.54	1.31	AMP
				295.75	122.19	243.72	60.00	12.09	73.44	74.09	160.00	PHASE
320	44.62	53.43	589	27.27	14.13	14.57	9.22	5.11	7.24	6.67	1.62	AMP
				320.30	127.22	219.52	38.77	346.02	08.44	71.21	112.60	PHASE
321	45.37	68.14	590	37.45	17.92	22.69	12.34	5.54	2.54	6.29	2.07	AMP
				338.36	140.69	231.19	52.54	12.18	114.10	100.11	135.49	PHASE
322	45.45	94.23	589	40.96	20.31	30.65	14.06	4.29	.32	6.23	2.73	AMP
				341.63	134.79	221.68	36.00	341.10	05.07	77.93	98.17	PHASE
323	45.27	105.16	590	54.42	22.30	34.49	15.53	3.56	.20	6.56	2.97	AMP
				346.35	140.20	229.15	41.93	340.15	114.73	90.23	109.61	PHASE

TABLE VII.- Continued

(e) Continued

TORSION 20 PERCENT RADIUS												
RUN NO 12												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
302	7.48	8.69	596	5.16	.56	1.66	1.46	2.17	.29	.26	.21	AMP
				334.44	265.04	328.03	268.64	333.69	35.78	313.26	114.28	PHASE
303	5.93	8.04	595	5.37	.89	1.63	1.50	2.04	.32	.25	.03	AMP
				339.02	264.74	320.43	260.74	323.58	250.99	265.20	150.21	PHASE
304	4.08	8.27	596	6.13	1.03	1.60	1.80	2.01	.26	.52	.10	AMP
				350.29	263.27	320.07	269.28	326.24	6.69	262.15	65.41	PHASE
305	2.35	9.42	595	7.07	1.11	1.68	2.21	2.03	.23	.60	.31	AMP
				350.43	251.93	307.07	276.92	339.06	66.10	264.29	56.15	PHASE
306	.24	11.77	593	8.56	1.17	1.88	2.78	2.47	.57	.48	.19	AMP
				6.65	232.06	297.10	206.89	2.18	85.16	263.79	6.68	PHASE
310	9.95	11.22	590	7.20	1.33	.80	1.63	1.70	.65	.44	.93	AMP
				335.93	150.37	8.06	320.04	28.81	94.64	257.34	104.00	PHASE
311	8.21	11.05	589	7.37	1.18	.90	1.64	1.84	.71	.45	1.07	AMP
				340.40	150.14	5.96	307.41	13.88	105.06	266.23	90.04	PHASE
312	6.33	11.65	589	7.82	1.10	.71	1.78	1.79	.40	.43	.79	AMP
				349.27	161.11	10.93	300.24	20.31	119.53	258.06	95.07	PHASE
313	4.24	12.50	589	8.76	.76	1.10	1.94	1.06	.49	.43	.93	AMP
				353.60	150.30	355.94	297.55	9.52	45.82	208.94	84.33	PHASE
314	2.01	14.10	590	10.39	.44	1.94	2.42	2.00	1.36	.25	1.23	AMP
				357.37	08.30	347.49	307.71	11.49	40.78	304.23	63.07	PHASE
315	.85	15.73	589	11.32	.65	2.39	2.60	3.23	1.77	.16	1.15	AMP
				358.44	46.40	346.25	313.76	17.73	48.71	166.49	61.46	PHASE
316	- .86	10.67	592	13.02	1.42	3.10	2.33	3.37	2.24	.96	1.06	AMP
				358.46	29.61	347.77	311.32	16.12	58.45	147.42	71.72	PHASE
318	9.50	9.32	589	5.00	.53	1.39	1.37	1.05	.44	.28	.39	AMP
				329.36	146.00	334.75	291.77	353.91	85.22	202.95	120.99	PHASE
319	7.87	9.15	590	6.10	.30	1.42	1.40	2.06	.43	.29	.28	AMP
				341.25	199.14	351.19	306.20	19.57	100.79	341.45	156.52	PHASE
320	6.02	9.16	589	6.59	.47	1.25	1.70	1.95	.32	.35	.06	AMP
				345.79	215.57	330.13	281.97	5.59	45.52	267.01	200.53	PHASE
321	4.16	10.12	590	7.29	.57	1.24	.93	1.04	.20	.20	.13	AMP
				356.59	222.04	320.95	292.40	11.00	50.23	290.19	70.06	PHASE
322	2.31	11.86	589	8.19	.60	1.32	2.16	1.97	.38	.70	.31	AMP
				350.79	200.00	304.72	273.84	350.17	50.58	263.71	26.17	PHASE
323	1.36	12.07	590	8.06	.75	1.33	2.30	2.16	.48	.66	.32	AMP
				2.95	193.75	301.90	279.85	2.38	67.18	269.52	35.01	PHASE

TABLE VII.- Continued

(e) Continued

FLAPWISE 37 PERCENT RADIUS											
RUN NO 12											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
302	34.50	17.76	596	9.45	6.72	5.12	1.54	3.54	.38	.35	.32 AMP
				130.09	317.38	359.12	335.17	58.25	292.19	260.06	200.75 PHASE
303	35.63	18.02	595	10.06	6.91	6.26	1.70	3.24	.25	.23	.31 AMP
				133.40	312.48	354.24	330.09	42.61	262.25	236.72	166.39 PHASE
304	36.75	20.35	596	11.44	7.80	7.51	1.90	3.70	.20	.30	.47 AMP
				134.83	314.19	342.32	331.81	50.09	240.26	223.73	167.69 PHASE
305	37.61	22.41	595	12.73	8.66	8.35	2.20	3.94	.27	.40	.54 AMP
				135.20	315.69	345.79	335.57	58.01	213.95	250.12	176.71 PHASE
306	38.58	25.33	593	14.56	9.72	9.82	2.32	3.94	.37	.47	.53 AMP
				134.99	316.29	12.61	333.06	64.64	199.69	264.61	160.50 PHASE
310	32.05	21.78	590	11.63	7.81	4.92	2.11	2.73	.41	.31	1.14 AMP
				130.07	319.06	21.46	328.07	118.30	342.53	305.99	259.94 PHASE
311	33.00	23.83	589	13.00	8.68	6.29	2.20	3.03	.33	.39	1.26 AMP
				137.30	315.30	17.21	324.43	106.23	321.36	285.22	247.97 PHASE
312	33.07	25.55	589	13.98	9.49	7.60	2.12	2.69	.42	.40	1.03 AMP
				137.89	314.29	20.31	331.71	104.73	336.54	295.93	254.00 PHASE
313	34.76	26.10	589	14.94	10.33	7.93	2.16	2.54	.37	.37	.93 AMP
				135.03	311.67	11.62	310.02	95.20	321.00	283.34	241.10 PHASE
314	35.43	28.03	590	15.97	11.93	8.75	2.60	2.78	.43	.43	1.00 AMP
				133.66	309.93	2.58	286.79	98.10	331.05	250.20	226.00 PHASE
315	35.75	28.94	589	16.34	12.64	8.79	2.70	3.03	.13	.50	.95 AMP
				132.37	308.79	358.93	276.00	101.40	156.82	249.17	211.92 PHASE
316	36.06	29.33	592	16.68	13.34	8.78	3.13	2.65	.26	.68	.87 AMP
				129.63	306.59	347.76	261.16	98.00	161.59	248.34	193.51 PHASE
318	32.99	18.73	589	9.51	6.88	4.09	1.43	3.30	.60	.50	.53 AMP
				135.20	319.37	3.85	329.01	79.62	311.82	262.14	236.02 PHASE
319	34.13	20.34	590	10.66	7.59	5.58	1.70	3.15	.52	.45	.52 AMP
				139.83	326.06	18.03	343.04	102.96	331.91	292.96	248.50 PHASE
320	35.19	21.83	589	11.90	8.37	7.12	1.87	3.11	.55	.32	.49 AMP
				135.00	316.40	10.14	320.12	78.06	301.14	274.51	206.17 PHASE
321	36.24	23.47	590	13.16	9.25	8.29	1.90	3.14	.47	.32	.61 AMP
				137.30	320.07	18.29	334.03	80.35	312.46	264.24	210.26 PHASE
322	37.11	25.47	589	14.33	9.79	9.04	2.07	3.43	.39	.42	.72 AMP
				131.55	309.33	3.07	309.09	63.56	296.72	226.44	167.21 PHASE
323	37.45	26.89	590	15.00	10.29	9.59	2.15	3.67	.30	.42	.71 AMP
				132.58	310.97	8.50	313.40	71.52	304.64	239.49	173.74 PHASE

CHORDWISE 37 PERCENT RADIUS											
RUN NO 12											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
302	21.89	43.14	596	9.22	5.21	5.91	9.46	2.57	18.03	5.50	.99 AMP
				304.14	139.79	226.73	44.11	334.19	31.59	19.91	131.16 PHASE
303	22.34	38.58	595	12.94	7.41	10.59	12.44	2.84	7.42	7.44	1.32 AMP
				316.14	143.34	214.24	30.68	275.00	25.00	26.25	76.65 PHASE
304	23.25	61.02	596	21.24	10.32	17.22	17.40	2.50	6.58	5.03	2.52 AMP
				337.74	149.74	227.19	36.07	281.95	302.70	75.05	95.50 PHASE
305	23.73	85.30	595	29.67	12.03	24.22	21.41	2.60	9.49	3.76	3.31 AMP
				346.32	154.20	236.66	39.90	214.00	279.54	76.00	111.15 PHASE
306	22.90	110.87	593	42.54	16.99	33.65	25.79	4.92	9.37	5.64	4.65 AMP
				355.34	158.54	245.75	42.00	217.30	201.00	62.94	120.55 PHASE
310	25.34	38.09	590	17.62	6.00	5.32	8.06	5.00	6.41	6.31	3.21 AMP
				270.00	118.43	268.19	61.03	79.99	196.02	90.30	202.33 PHASE
311	23.99	45.55	589	22.53	9.43	9.47	8.42	2.70	5.32	8.01	4.56 AMP
				280.47	119.04	265.35	50.42	47.51	31.95	78.02	102.34 PHASE
312	22.53	59.52	589	27.02	13.00	10.77	12.37	4.79	8.90	10.93	4.17 AMP
				306.19	124.04	265.54	53.96	18.50	107.25	92.90	193.00 PHASE
313	21.31	65.07	589	35.07	16.69	14.50	14.23	6.14	7.85	14.06	4.29 AMP
				318.50	128.07	255.43	45.02	350.00	162.71	109.69	166.40 PHASE
314	20.02	85.48	590	44.20	21.30	19.29	16.42	5.34	17.34	18.09	5.65 AMP
				329.61	132.00	252.07	39.46	331.45	186.04	120.65	138.27 PHASE
315	19.41	97.97	589	48.23	23.18	22.07	15.00	7.01	21.03	19.30	6.45 AMP
				334.11	135.06	251.45	33.52	315.76	196.01	125.53	122.50 PHASE
316	10.90	119.61	592	54.25	23.05	26.40	14.19	11.17	20.29	18.52	7.79 AMP
				338.50	135.02	247.91	11.35	296.30	201.05	134.25	100.26 PHASE
318	22.51	33.69	589	11.02	4.07	3.65	7.73	2.89	8.63	6.40	1.42 AMP
				265.83	118.00	258.06	51.32	54.81	21.01	37.97	161.07 PHASE
319	22.62	45.77	590	14.74	7.07	5.96	8.77	2.07	15.96	8.06	2.09 AMP
				295.22	124.12	261.90	62.61	12.99	66.56	68.38	192.50 PHASE
320	22.50	49.09	589	21.01	10.95	10.16	12.99	4.00	9.44	11.56	2.16 AMP
				314.92	126.33	237.00	40.00	354.32	60.25	66.07	135.40 PHASE
321	22.40	60.03	590	29.72	14.00	16.15	17.26	5.00	2.51	10.91	3.17 AMP
				330.95	140.66	247.04	53.21	15.59	102.04	100.90	156.19 PHASE
322	21.63	81.46	589	33.60	15.05	22.68	20.06	4.47	1.22	10.43	4.18 AMP
				334.02	135.97	237.29	35.63	346.03	276.95	84.67	116.76 PHASE
323	20.59	90.22	590	43.07	17.99	25.77	22.15	4.01	1.09	10.37	4.65 AMP
				333.71	142.39	245.59	41.70	346.46	270.99	97.97	126.61 PHASE

TABLE VII.- Continued

(e) Continued

TORSION 36 PERCENT RADIUS												
RUN NO 12												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
302	5.30	8.37	596	6.59	.29	.77	1.41	1.91	.29	.26	.14	AMP
				332.08	98.78	292.28	237.15	291.85	357.96	280.94	48.18	PHASE
303	3.79	8.35	595	6.86	1.00	.75	1.37	1.81	.29	.25	.01	AMP
				334.72	170.36	281.46	228.87	281.36	328.87	236.13	36.13	PHASE
304	2.80	9.26	596	7.66	.26	.73	1.64	1.86	.20	.43	.09	AMP
				343.18	184.55	270.82	237.43	284.33	348.40	225.19	1.05	PHASE
305	.32	10.69	595	8.58	.54	1.00	2.03	1.87	.22	.50	.25	AMP
				349.49	176.31	252.99	244.33	298.51	36.31	219.81	354.43	PHASE
306	-1.75	13.03	593	10.00	1.01	1.33	2.48	2.19	.55	.39	.19	AMP
				356.32	166.14	242.14	256.10	319.96	51.43	221.48	323.61	PHASE
310	8.48	11.02	590	7.96	1.77	.28	1.32	1.53	.55	.20	.61	AMP
				330.06	127.32	355.18	285.73	346.00	57.36	223.84	54.31	PHASE
311	6.79	11.09	589	8.29	1.64	.28	1.33	1.66	.60	.28	.72	AMP
				333.67	127.58	.92	274.00	331.47	67.27	241.13	39.36	PHASE
312	4.95	11.89	589	8.82	1.62	.11	1.48	1.60	.36	.27	.54	AMP
				341.16	126.72	84.27	267.17	337.79	85.39	229.73	42.76	PHASE
313	2.95	12.63	589	9.75	1.41	.24	1.61	1.67	.39	.34	.67	AMP
				344.58	113.09	345.26	267.02	328.82	8.90	268.27	31.53	PHASE
314	.81	14.16	590	11.36	1.29	.82	2.03	2.45	1.10	.26	.91	AMP
				347.29	84.84	326.58	281.97	332.75	357.90	296.79	11.85	PHASE
315	-.29	15.05	589	12.26	1.36	1.15	2.20	2.78	1.41	.13	.84	AMP
				347.98	65.77	326.80	289.65	339.42	6.39	30.21	8.94	PHASE
316	-1.84	16.18	592	13.77	1.92	1.71	1.98	2.85	1.78	.69	.71	AMP
				347.76	43.46	335.52	291.21	340.08	15.59	84.98	18.26	PHASE
318	7.99	9.08	589	6.87	1.05	.67	1.28	1.64	.40	.19	.27	AMP
				326.49	107.34	307.01	258.26	312.37	47.76	264.54	65.28	PHASE
319	6.37	9.32	590	7.29	.81	.59	1.27	1.80	.38	.26	.18	AMP
				336.74	124.00	320.94	273.00	338.41	66.33	313.76	91.76	PHASE
320	4.59	9.86	509	7.06	.74	.49	1.48	1.75	.28	.26	.03	AMP
				339.41	125.02	277.66	250.37	317.61	20.75	240.91	301.21	PHASE
321	2.78	10.81	590	8.59	.83	.56	1.60	1.70	.25	.48	.14	AMP
				348.30	135.06	257.86	260.69	327.19	39.97	253.87	13.50	PHASE
322	1.06	11.94	589	9.42	.99	.74	1.88	1.79	.30	.58	.27	AMP
				349.19	121.45	231.88	243.55	306.86	28.70	222.48	336.63	PHASE
323	.17	12.80	590	10.05	1.20	.88	2.01	1.92	.36	.49	.28	AMP
				352.84	124.88	227.64	250.28	319.47	41.56	227.61	344.73	PHASE

TABLE VII.- Continued

(e) Continued

FLAPWISE 51 PERCENT RADIUS												
RUN NO 12												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
302	22.06	19.08	596	11.48	8.34	6.48	1.15	1.67	.59	.81	.72	AMP
				127.31	315.83	355.88	298.88	233.35	144.35	58.95	231.07	PHASE
303	23.16	20.19	595	12.41	8.68	7.87	1.12	1.68	.46	.78	.49	AMP
				125.06	309.02	351.87	298.07	223.03	126.59	32.20	163.84	PHASE
304	24.17	24.74	596	14.21	9.78	9.68	1.03	1.66	.58	.88	.94	AMP
				127.96	309.00	2.74	296.30	230.11	133.29	43.35	157.48	PHASE
305	24.05	20.20	595	16.04	10.84	10.92	.85	1.66	.58	.78	1.19	AMP
				129.84	310.73	10.92	299.46	239.21	143.22	42.37	166.13	PHASE
306	25.56	33.41	593	18.52	12.45	13.18	.71	1.71	.52	.62	1.48	AMP
				131.45	311.17	16.12	306.61	243.42	147.02	45.99	150.77	PHASE
310	19.59	25.96	598	14.37	9.25	6.52	1.25	2.47	.93	1.78	4.02	AMP
				129.88	310.40	14.72	321.67	269.11	175.38	36.12	266.52	PHASE
311	20.50	28.53	589	16.07	10.52	7.98	1.36	2.44	.84	1.69	4.37	AMP
				129.53	314.18	11.82	318.00	256.98	171.07	29.43	251.81	PHASE
312	21.37	30.27	589	17.30	11.61	9.69	1.35	2.48	.62	1.42	3.34	AMP
				132.03	312.62	15.45	321.35	258.20	167.90	33.06	253.33	PHASE
313	22.12	31.00	589	18.72	12.84	10.24	1.37	2.37	.61	1.53	2.76	AMP
				130.96	310.24	9.09	312.96	251.21	144.64	26.40	241.76	PHASE
314	22.63	34.54	598	19.09	15.11	11.37	1.75	2.88	.52	1.42	2.67	AMP
				130.00	307.57	7.09	289.61	246.17	172.73	350.70	224.60	PHASE
315	22.03	35.20	589	20.27	16.15	11.64	1.90	3.04	.54	1.42	2.29	AMP
				129.96	306.34	358.19	204.42	246.17	179.42	346.07	207.92	PHASE
316	22.92	36.93	592	20.75	17.22	11.59	1.78	2.91	.49	1.73	2.01	AMP
				128.13	303.66	348.01	277.09	241.33	194.00	329.64	179.71	PHASE
318	21.16	19.06	589	11.73	8.29	5.31	1.30	2.00	.97	1.23	1.55	AMP
				124.05	319.50	359.98	309.46	246.04	139.77	53.04	257.14	PHASE
319	22.14	21.15	590	13.00	9.32	7.09	1.41	2.05	.76	1.01	1.27	AMP
				130.24	324.03	14.51	327.60	267.76	169.23	03.14	203.71	PHASE
320	23.03	24.39	589	14.69	10.52	9.03	1.40	2.15	.75	1.01	.67	AMP
				128.17	313.00	7.69	313.43	242.34	139.22	4.89	209.77	PHASE
321	23.98	28.32	590	16.43	11.05	10.60	1.43	2.12	.70	1.01	1.31	AMP
				131.44	317.20	10.00	323.01	252.69	157.64	67.00	209.13	PHASE
322	24.78	31.00	589	18.10	12.73	11.67	1.46	2.07	.64	.84	1.73	AMP
				127.10	306.24	4.63	302.49	226.95	134.69	57.47	165.41	PHASE
323	25.09	33.00	590	19.02	13.51	12.53	1.48	2.11	.58	.65	1.02	AMP
				120.57	300.32	10.45	300.04	236.09	137.27	63.13	172.99	PHASE

CHORDWISE 51 PERCENT RADIUS												
RUN NO 12												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
302	20.67	51.64	596	9.32	4.40	4.41	11.49	2.23	21.39	7.15	1.56	AMP
				303.04	149.23	254.10	42.97	325.00	32.24	23.99	157.07	PHASE
303	20.94	42.18	595	12.72	6.47	8.14	15.14	3.19	6.62	9.70	1.55	AMP
				311.57	150.20	233.21	31.04	259.05	24.50	31.31	96.85	PHASE
304	21.14	63.23	596	19.01	9.00	13.09	20.05	2.81	8.39	6.51	3.64	AMP
				330.49	154.20	244.07	30.73	265.91	30.52	02.54	116.75	PHASE
305	21.31	84.30	595	27.07	11.26	20.15	25.54	3.51	12.31	4.54	4.94	AMP
				338.33	157.74	252.55	42.30	204.00	279.45	05.01	132.01	PHASE
306	20.40	106.90	593	37.03	14.60	28.91	31.11	5.93	12.34	6.41	6.29	AMP
				346.41	160.97	260.07	44.30	200.03	279.50	64.90	139.04	PHASE
310	24.37	44.94	590	16.78	5.27	4.75	9.24	5.09	7.98	8.31	4.46	AMP
				274.50	119.35	291.12	60.29	70.70	204.29	09.94	223.07	PHASE
311	22.02	50.90	589	21.61	7.92	7.73	10.39	2.71	5.02	10.59	6.10	AMP
				208.93	119.44	204.95	49.77	40.03	21.59	79.03	202.12	PHASE
312	21.31	65.71	589	26.78	11.58	9.79	15.09	4.46	9.15	14.23	5.46	AMP
				304.17	124.49	205.09	54.32	16.92	107.99	93.03	217.21	PHASE
313	19.73	73.18	589	34.01	14.09	13.23	17.00	5.06	8.44	10.67	5.23	AMP
				314.39	126.30	273.65	47.06	341.69	175.19	111.02	100.90	PHASE
314	18.09	85.10	590	41.36	18.53	18.24	19.57	5.64	21.19	23.32	6.43	AMP
				323.09	129.05	269.09	39.76	300.00	196.33	125.33	150.64	PHASE
315	17.41	98.91	589	44.26	20.50	21.05	18.91	8.27	27.22	23.72	7.40	AMP
				327.99	133.24	265.77	32.59	290.97	204.03	131.04	139.26	PHASE
316	16.01	117.03	592	40.52	21.07	25.93	17.77	13.03	35.51	22.55	9.13	AMP
				332.13	134.22	260.62	9.02	200.04	140.73	140.73	112.35	PHASE
318	21.15	35.09	589	10.41	3.53	3.23	0.00	2.45	0.00	0.00	1.72	AMP
				272.00	122.15	200.13	49.43	53.17	21.91	41.17	101.01	PHASE
319	21.11	50.02	590	14.27	5.93	5.03	10.75	2.52	10.42	10.35	2.00	AMP
				297.10	120.38	200.62	61.70	20.05	66.90	70.50	210.21	PHASE
320	20.96	55.62	589	20.71	9.16	8.07	15.70	4.61	10.35	15.09	2.43	AMP
				311.95	129.67	259.41	41.76	346.00	01.67	69.73	150.61	PHASE
321	20.48	63.01	590	27.77	11.84	13.30	20.75	5.40	2.06	14.14	4.13	AMP
				325.49	142.39	267.46	55.00	100.05	102.06	112.19	172.40	PHASE
322	19.47	79.07	589	35.46	13.67	19.50	24.00	4.12	2.00	13.39	5.01	AMP
				327.43	136.62	255.03	36.61	339.15	267.65	00.31	134.53	PHASE
323	10.72	87.51	590	39.39	15.33	22.65	26.00	3.74	2.00	13.23	6.05	AMP
				331.77	143.04	263.16	42.54	330.90	270.55	101.99	144.99	PHASE

TABLE VII.- Continued

(e) Continued

TORSION δ PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
302	2.92	7.56	596	5.98	.24	.43	1.12	1.68	.28	.25	.12	AMP
				341.53	138.49	313.34	264.54	317.52	42.44	316.34	189.21	PHASE
303	1.71	7.73	595	6.23	.23	.35	1.88	1.55	.26	.24	.84	AMP
				343.85	288.87	383.88	256.78	386.74	9.83	279.83	96.85	PHASE
304	.16	8.48	596	6.85	.44	.38	1.28	1.61	.19	.39	.13	AMP
				351.58	212.35	278.16	263.36	389.15	13.12	268.25	45.99	PHASE
305	-1.35	9.58	595	7.52	.68	.53	1.52	1.78	.26	.46	.25	AMP
				357.85	286.47	248.67	268.89	322.83	56.93	257.44	35.65	PHASE
306	-3.25	11.51	593	8.55	.99	.79	1.88	2.88	.55	.37	.28	AMP
				384	193.83	235.62	277.51	342.61	77.82	244.69	359.57	PHASE
310	4.68	8.92	598	6.56	1.36	.22	1.18	1.24	.54	.15	.29	AMP
				338.18	148.78	14.58	389.68	18.12	98.55	321.45	121.28	PHASE
311	3.84	8.98	589	6.85	1.28	.28	1.18	1.32	.54	.27	.37	AMP
				341.56	144.37	15.25	296.77	355.62	98.54	382.84	184.88	PHASE
312	1.39	9.39	589	7.25	1.21	.11	1.13	1.26	.33	.25	.38	AMP
				348.82	147.54	97.25	298.85	357.91	117.67	296.66	111.15	PHASE
313	-.33	9.89	589	7.98	.93	.22	1.18	1.35	.31	.37	.44	AMP
				351.85	141.55	35.91	292.88	358.58	51.44	321.48	86.58	PHASE
314	-2.27	11.27	598	9.24	.62	.57	1.47	2.81	.91	.33	.62	AMP
				354.85	186.17	12.22	389.58	357.33	34.81	346.19	58.28	PHASE
315	-3.29	11.95	589	9.97	.63	.77	1.68	2.32	1.18	.19	.57	AMP
				354.27	73.89	18.62	317.95	5.84	41.35	37.33	55.83	PHASE
316	-4.66	13.24	592	11.88	1.14	1.19	1.45	2.35	1.48	.57	.44	AMP
				353.88	39.88	14.46	322.38	7.95	47.88	118.39	72.29	PHASE
318	3.99	7.65	589	5.92	.83	.42	1.85	1.36	.39	.16	.18	AMP
				335.88	123.83	332.65	285.61	338.86	88.43	317.19	141.82	PHASE
319	2.68	7.94	598	6.29	.65	.37	1.82	1.47	.36	.24	.14	AMP
				345.63	146.93	347.98	381.24	3.34	182.36	351.89	165.85	PHASE
320	1.88	8.57	589	6.77	.68	.23	1.12	1.45	.23	.24	.83	AMP
				347.73	157.24	384.87	277.78	348.88	58.65	289.94	192.26	PHASE
321	-.55	9.23	598	7.34	.67	.22	1.22	1.43	.18	.38	.18	AMP
				356.19	172.91	261.66	287.21	349.17	67.71	298.83	82.86	PHASE
322	-2.11	18.87	589	7.93	.78	.34	1.33	1.52	.25	.46	.23	AMP
				356.48	161.72	223.56	267.29	329.11	59.27	257.71	19.85	PHASE
323	-2.98	18.99	598	8.42	.98	.49	1.43	1.65	.32	.43	.23	AMP
				359.77	168.38	214.54	273.67	341.61	73.71	262.26	28.38	PHASE

TABLE VII.- Continued

(e) Continued

FLAPWISE 77 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
302	- .32	27.02	596	18.01	7.33	5.36	2.76	6.15	.19	.98	.98	AMP
				138.24	328.92	328.22	173.53	228.91	289.86	219.88	52.86	PHASE
303	1.40	28.06	595	18.43	7.43	6.87	2.77	5.96	.25	.87	.54	AMP
				137.43	323.38	321.85	168.78	215.69	223.89	197.13	338.25	PHASE
304	3.17	38.48	596	19.73	8.45	7.17	2.96	6.31	.29	.83	1.22	AMP
				141.50	324.58	336.26	155.42	224.77	290.27	212.91	331.48	PHASE
305	4.71	32.91	595	21.02	9.60	8.16	3.16	6.57	.33	.51	1.61	AMP
				144.14	325.13	347.05	150.97	232.71	309.90	200.58	343.55	PHASE
306	6.35	38.10	593	22.73	11.48	9.78	3.15	6.93	.72	.37	1.92	AMP
				147.78	323.83	354.70	148.58	241.34	314.95	216.38	327.93	PHASE
310	-4.43	32.21	590	19.70	8.53	6.51	2.46	3.58	1.65	1.63	4.94	AMP
				137.45	331.12	346.73	166.75	294.36	12.49	242.20	88.47	PHASE
311	-2.85	35.38	589	20.66	9.61	7.28	2.31	4.17	1.49	1.67	5.45	AMP
				138.64	326.19	345.92	155.71	280.05	4.74	232.31	65.91	PHASE
312	-1.31	37.00	589	21.49	10.54	8.61	2.30	4.01	1.12	1.41	4.24	AMP
				143.28	325.42	350.65	157.43	282.63	356.72	235.70	66.93	PHASE
313	.32	38.02	589	22.46	11.58	8.91	2.28	4.36	1.40	1.67	3.53	AMP
				144.60	322.13	344.91	143.56	273.40	317.48	239.56	50.02	PHASE
314	1.71	41.41	590	23.62	13.42	10.07	2.29	5.22	1.86	1.25	3.59	AMP
				146.45	319.49	340.69	136.31	271.00	298.72	224.90	30.54	PHASE
315	2.33	41.86	589	24.05	14.38	10.48	2.00	5.94	2.12	1.85	3.29	AMP
				147.26	318.49	338.44	120.51	272.80	295.27	211.73	14.59	PHASE
316	3.09	42.39	592	24.52	15.30	10.22	2.07	5.79	2.32	1.16	3.06	AMP
				146.71	315.48	330.04	100.92	267.18	284.04	183.75	348.45	PHASE
318	-3.11	26.85	589	17.92	7.64	5.25	2.47	5.22	.39	1.49	2.06	AMP
				135.62	328.84	321.75	180.50	251.25	309.09	228.09	72.08	PHASE
319	-1.38	28.92	590	18.93	8.41	6.18	2.47	5.30	.32	1.19	1.79	AMP
				142.23	335.76	340.42	189.84	275.18	334.10	259.26	98.16	PHASE
320	.23	30.71	589	19.94	9.40	7.33	2.48	5.36	.41	1.12	1.02	AMP
				141.31	325.50	336.23	168.46	253.83	302.46	223.73	25.96	PHASE
321	1.80	34.10	590	21.22	10.60	8.47	2.48	5.43	.62	1.13	1.92	AMP
				145.59	329.29	349.48	172.29	266.72	303.83	251.92	24.35	PHASE
322	3.50	36.79	589	22.29	11.66	9.21	2.21	6.10	.72	.91	2.61	AMP
				143.91	317.66	337.39	142.72	244.08	270.21	253.97	339.26	PHASE
323	4.19	39.07	590	23.13	12.47	9.80	2.10	6.60	.96	.66	2.77	AMP
				146.15	319.62	344.04	144.19	252.00	273.12	266.85	347.11	PHASE

CHORDWISE 77 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
302	12.97	24.06	596	6.45	3.16	4.82	3.47	4.64	8.06	2.38	.80	AMP
				155.31	328.26	317.71	56.58	236.37	22.23	14.43	107.57	PHASE
303	13.66	22.91	595	5.33	2.82	5.40	4.92	5.50	3.05	3.51	.51	AMP
				155.84	320.60	306.45	40.60	220.25	7.65	27.34	60.48	PHASE
304	14.86	26.88	596	3.48	2.98	7.16	7.52	5.67	4.06	2.47	.96	AMP
				158.76	321.40	311.59	40.25	226.95	291.09	85.76	86.12	PHASE
305	16.39	36.54	595	1.83	3.44	8.84	9.69	5.17	5.87	1.68	1.30	AMP
				167.76	320.11	314.82	51.62	221.23	273.95	88.51	103.89	PHASE
306	17.72	41.24	593	.66	4.21	11.07	12.26	7.29	6.22	2.17	1.23	AMP
				312.71	315.04	316.87	52.36	224.90	275.88	56.94	120.27	PHASE
310	11.01	25.50	590	7.94	3.68	5.39	3.22	1.50	2.13	2.41	2.14	AMP
				168.44	339.46	339.34	82.74	325.11	213.49	89.93	107.44	PHASE
311	11.59	28.23	589	6.85	3.86	6.61	3.00	2.61	3.23	3.32	2.53	AMP
				175.61	337.96	333.44	60.18	286.54	1.18	75.10	102.58	PHASE
312	12.23	27.93	589	5.63	3.67	8.01	5.63	3.30	2.69	4.98	1.23	AMP
				187.96	345.10	336.49	67.25	297.21	82.99	87.49	105.91	PHASE
313	12.70	34.63	589	4.11	4.18	8.86	6.99	4.29	2.63	6.90	1.36	AMP
				209.06	343.10	327.79	58.17	205.45	190.46	111.23	111.20	PHASE
314	12.70	44.90	590	3.70	4.81	11.13	8.05	5.79	8.50	9.33	1.72	AMP
				247.44	338.54	320.85	48.93	270.10	205.19	125.38	106.65	PHASE
315	12.67	46.14	589	3.80	4.88	12.09	7.84	7.56	11.02	9.83	2.07	AMP
				261.56	332.00	314.62	40.26	272.93	211.31	120.85	99.64	PHASE
316	12.94	54.24	592	4.14	5.11	13.20	7.45	7.61	14.51	9.72	2.79	AMP
				278.35	323.53	303.07	18.18	271.50	212.58	137.76	76.15	PHASE
318	7.29	22.58	589	7.50	3.00	4.56	2.48	3.01	3.92	2.40	1.38	AMP
				158.19	334.92	323.54	68.67	255.03	7.62	32.12	100.05	PHASE
319	7.08	23.73	590	6.45	3.00	5.55	3.41	3.67	6.97	3.50	1.40	AMP
				168.15	348.04	337.62	76.91	293.77	55.89	61.26	153.36	PHASE
320	9.38	26.04	589	4.74	3.50	6.52	5.39	4.28	3.44	5.55	1.65	AMP
				172.98	341.18	325.00	52.91	268.53	69.54	65.97	117.91	PHASE
321	10.79	28.71	590	3.13	3.61	8.10	7.61	4.06	5.28	5.33	1.84	AMP
				190.55	342.50	331.00	63.27	283.87	341.15	110.24	119.89	PHASE
322	11.81	30.45	569	1.97	3.96	9.90	9.35	4.69	2.30	4.92	.92	AMP
				224.20	328.35	312.09	42.93	251.25	250.20	83.69	86.53	PHASE
323	12.04	34.37	590	1.94	4.09	11.23	10.43	5.24	2.66	4.92	.81	AMP
				250.08	325.56	317.16	47.73	256.22	265.50	97.14	103.63	PHASE

TABLE VII.- Continued

(e) Concluded

TORSION 75 PERCENT RADIUS												
RUN NO 12												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
302	-2.22	5.13	596	3.52 331.03	.76 132.84	.21 207.95	.75 293.59	.79 320.62	.16 15.99	.09 358.38	.08 202.06	AMP PHASE
303	-1.26	5.37	595	3.71 335.46	.69 147.60	.28 181.97	.59 207.28	.08 309.43	.18 354.23	.11 332.79	.04 282.33	AMP PHASE
304	-2.62	6.25	596	4.21 345.79	.89 167.33	.50 180.96	.81 286.91	.07 312.48	.22 359.84	.09 338.38	.06 359.41	AMP PHASE
305	-3.91	7.21	595	4.73 353.08	1.17 175.51	.81 189.22	.89 282.38	1.01 323.19	.30 28.32	.06 195.59	.10 323.79	AMP PHASE
306	-5.48	8.69	593	5.53 1.19	1.54 175.28	1.07 189.50	.98 286.49	1.24 336.63	.53 56.31	.18 158.29	.10 318.55	AMP PHASE
310	1.77	6.87	590	4.17 325.20	1.66 126.41	.17 181.83	.75 331.99	.78 8.13	.21 122.98	.32 69.47	.40 242.37	AMP PHASE
311	.55	6.71	589	4.38 330.81	1.63 131.62	.26 189.32	.74 323.64	.76 356.56	.19 118.01	.43 63.03	.23 230.37	AMP PHASE
312	-.78	6.83	589	4.61 340.82	1.62 139.79	.42 184.55	.67 323.71	.72 350.25	.17 123.73	.17 52.68	.31 224.92	AMP PHASE
313	-2.04	7.13	589	4.98 347.19	1.60 146.19	.43 175.12	.71 319.16	.85 339.64	.13 46.31	.35 22.29	.11 236.87	AMP PHASE
314	-3.45	8.35	590	5.70 351.54	1.43 150.37	.27 152.73	.96 334.14	1.21 350.09	.50 34.14	.42 30.12	.05 219.68	AMP PHASE
315	-4.17	8.66	589	6.08 352.75	1.33 152.14	.25 120.55	1.01 342.00	1.34 350.00	.61 39.72	.41 36.23	.05 247.02	AMP PHASE
316	-5.13	9.02	592	6.68 352.64	1.13 149.49	.46 70.11	.89 352.22	1.24 1.21	.64 44.45	.32 34.25	.24 257.18	AMP PHASE
318	1.55	5.80	589	3.65 322.20	1.21 120.18	.05 199.91	.75 309.84	.78 342.64	.15 64.52	.20 64.97	.17 255.62	AMP PHASE
319	.31	5.77	590	3.87 334.97	1.09 139.04	.12 202.00	.74 331.53	.76 5.34	.16 98.39	.13 83.47	.10 307.37	AMP PHASE
320	-.98	6.18	589	4.22 339.04	1.09 144.33	.31 183.93	.71 312.09	.79 337.02	.12 57.90	.15 20.20	.05 311.47	AMP PHASE
321	-2.32	7.12	590	4.65 350.75	1.22 160.98	.53 187.21	.72 318.56	.73 342.57	.13 55.02	.03 37.64	.03 43.89	AMP PHASE
322	-3.62	7.65	589	5.09 352.69	1.37 156.37	.70 173.68	.73 292.24	.88 323.73	.22 33.50	.09 43.79	.09 1.24	AMP PHASE
323	-4.34	8.20	590	5.42 356.66	1.51 160.05	.81 177.55	.74 297.00	.95 334.21	.30 44.57	.05 67.36	.09 14.48	AMP PHASE

PITCH LINK

RUN NO 12												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
302	-.96	8.13	596	2.81 160.14	1.40 80.06	2.18 147.50	1.22 85.02	2.36 152.23	.34 201.10	.24 75.47	.33 274.28	AMP PHASE
303	.16	8.13	595	3.23 180.07	1.75 75.74	2.13 139.46	1.32 74.66	2.36 139.60	.33 160.89	.23 13.38	.01 115.00	AMP PHASE
304	1.47	9.45	596	3.97 194.49	2.00 79.10	2.22 140.23	1.47 78.58	2.53 145.91	.35 154.01	.53 22.78	.14 93.62	AMP PHASE
305	2.71	10.52	595	5.24 200.01	2.16 76.43	2.20 130.01	1.84 88.60	2.57 156.84	.23 217.20	.42 17.51	.11 220.23	AMP PHASE
306	4.17	11.95	593	6.86 203.75	2.17 74.15	2.25 120.50	2.41 100.00	2.89 174.97	.44 251.29	.40 3.26	.23 151.47	AMP PHASE
310	-4.92	9.93	590	5.52 173.29	1.01 359.68	1.04 167.00	1.58 138.65	1.67 205.96	.67 260.23	.73 40.96	.12 257.06	AMP PHASE
311	-3.60	10.48	589	6.67 178.61	1.04 12.97	1.24 164.11	1.64 125.66	1.89 192.21	.69 270.60	.69 45.49	.17 243.35	AMP PHASE
312	-2.21	10.02	589	6.20 185.90	1.06 20.03	1.16 172.23	1.75 118.95	1.92 190.18	.35 290.40	.56 47.60	.10 241.36	AMP PHASE
313	-.64	12.38	589	7.18 189.39	.82 26.61	1.55 160.59	1.81 112.50	2.02 106.40	.42 207.12	.41 40.80	.08 220.13	AMP PHASE
314	1.04	14.52	590	8.64 191.41	.53 57.30	2.46 156.38	2.10 116.35	2.72 185.51	.18 209.50	.24 339.95	.06 210.52	AMP PHASE
315	1.91	15.47	589	9.48 192.09	.53 100.19	2.99 153.67	2.19 119.71	3.01 189.37	.39 217.56	.57 316.72	.19 202.99	AMP PHASE
316	3.25	10.09	592	11.04 190.50	.85 151.64	3.31 151.86	2.04 111.44	3.05 185.02	1.70 229.55	1.36 316.59	.96 204.78	AMP PHASE
318	-4.04	7.90	589	3.52 167.92	.74 53.97	1.82 149.12	1.16 112.41	1.90 173.27	.41 240.73	.54 60.68	.48 268.14	AMP PHASE
319	-2.07	8.10	590	3.95 181.07	.97 73.47	1.93 165.50	1.25 123.94	2.14 197.14	.73 250.00	.39 104.90	.36 310.44	AMP PHASE
320	-1.56	9.49	589	4.45 187.20	1.10 65.87	1.85 149.95	1.57 99.34	2.15 170.48	.40 196.72	.41 41.06	.09 1.08	AMP PHASE
321	-.21	10.00	590	5.36 196.52	1.33 70.70	1.90 153.06	1.69 105.64	2.17 180.60	.38 201.29	.60 62.57	.18 146.06	AMP PHASE
322	1.06	12.38	589	6.56 197.39	1.37 57.28	1.99 129.39	1.85 85.49	2.33 163.95	.42 185.10	.49 49.04	.17 148.70	AMP PHASE
323	1.76	12.62	590	7.25 200.73	1.49 57.87	1.98 127.42	1.98 92.02	2.40 174.89	.44 203.97	.39 30.99	.25 157.86	AMP PHASE

TABLE VII.- Continued

(f) $\mu = 0.40$; $M_T = 0.65$

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CW/SIGMA
324	-1.1	5.1	0.0	.03263	.00160	.00159
325	-1.3	6.7	2.0	.04253	.00136	.00183
326	-1.7	8.0	4.0	.05339	.00108	.00220
327	-2.3	9.1	6.0	.06296	.00062	.00276
328	-2.3	10.0	7.9	.07393	.00072	.00327
329	-3.0	11.4	10.1	.08395	.00028	.00447
330	-1.0	5.3	2.0	.02153	.00000	.00231
331	-1.3	6.4	4.0	.03351	.00128	.00260
332	-1.7	8.0	6.0	.04272	.00245	.00345
334	-1.9	8.9	7.9	.05429	.00354	.00399
335	-2.4	10.1	9.9	.06390	.00484	.00464
336	-2.8	10.7	10.9	.06934	.00573	.00526
371	-.9	6.8	6.0	.02185	.00210	.00301
372	-1.4	7.7	8.0	.03333	.00416	.00395
373	-2.1	9.1	10.0	.04323	.00618	.00492
374	-2.6	10.0	11.9	.05388	.00854	.00598
375	-2.9	11.3	14.1	.06449	.01051	.00734
376	-.6	7.0	8.0	.01246	.00058	.00259
377	-1.4	7.8	10.0	.02307	.00360	.00393
378	-1.6	9.2	12.0	.03455	.00707	.00528
379	-2.2	9.9	14.0	.04531	.01021	.00674
380	-2.9	11.3	16.0	.05520	.01369	.00833

TABLE VII.- Continued

(f) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO 14											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
324	47.17	21.97	618	7.29	6.47	3.89	2.53	6.29	1.39	3.83	3.75
				144.78	313.26	18.18	335.56	95.84	341.88	232.99	77.28
325	48.38	23.85	618	8.31	7.21	4.87	2.61	6.92	1.21	3.31	4.85
				143.95	314.24	21.91	332.99	96.68	357.83	227.64	66.65
326	49.61	23.45	618	8.94	7.66	5.77	3.84	6.72	1.83	2.67	3.58
				142.17	318.61	24.69	336.47	182.69	357.89	237.92	77.44
327	58.59	23.33	618	9.31	8.11	6.26	3.17	6.65	1.11	2.22	3.89
				133.64	308.63	7.21	387.98	76.88	331.98	199.58	38.73
328	51.36	24.35	619	9.73	8.95	6.67	3.91	6.78	.98	1.86	2.38
				131.48	319.44	7.06	384.21	95.68	3.97	281.58	58.29
329	52.39	24.11	618	10.17	9.75	7.88	4.64	6.43	1.88	1.96	.85
				121.73	319.98	352.21	285.58	98.71	5.61	174.41	347.95
330	47.57	21.82	619	6.58	5.74	3.29	1.38	7.25	1.92	2.36	1.75
				148.44	314.93	348.47	346.81	69.53	336.27	241.43	55.55
331	48.93	21.51	619	7.85	6.38	4.46	1.87	6.86	1.78	2.38	1.91
				145.92	316.25	2.78	348.81	73.17	341.11	245.18	42.11
332	58.87	21.55	619	7.77	6.87	5.75	2.63	6.88	1.52	2.84	1.64
				142.82	315.51	4.89	332.54	71.41	338.43	236.58	48.84
334	51.19	21.35	619	8.19	7.27	6.41	3.81	7.34	1.63	1.98	1.35
				139.17	316.56	8.82	331.87	75.78	346.11	245.15	21.65
335	52.31	22.78	628	8.93	7.64	7.83	3.69	7.82	1.67	1.63	1.63
				138.32	311.32	357.81	318.41	61.22	332.94	234.27	344.79
336	52.83	23.74	619	9.21	7.63	7.17	3.89	7.75	1.63	1.48	1.45
				127.47	312.37	356.67	318.67	62.37	338.48	233.68	336.58
371	48.74	19.88	621	6.28	5.47	4.83	1.68	6.58	1.23	1.77	1.34
				146.52	385.34	337.44	348.48	38.88	327.35	288.25	358.88
372	58.82	18.84	628	6.55	5.79	5.83	2.48	6.83	1.24	1.46	.96
				142.82	388.48	358.18	333.27	48.86	324.88	225.19	23.78
373	51.29	18.98	628	7.88	6.23	5.65	2.88	6.99	1.28	1.56	1.81
				138.89	316.15	2.16	348.11	54.73	342.83	239.57	16.99
374	52.49	19.85	619	7.82	6.45	5.99	3.52	7.38	.95	1.38	1.27
				132.31	321.31	7.97	348.89	65.81	352.62	248.84	5.24
375	53.72	22.63	619	8.87	6.82	6.31	4.58	7.49	.78	1.89	1.14
				121.83	317.78	355.33	319.89	56.28	387.81	228.89	326.88
376	48.79	16.22	628	5.35	5.85	3.92	1.23	4.38	.58	.81	.99
				151.98	387.47	331.58	4.15	53.14	1.74	214.11	356.82
377	58.86	15.68	628	5.53	5.22	4.41	1.93	4.65	.55	.85	.73
				145.61	311.36	347.85	353.21	54.83	353.14	234.23	38.33
378	51.51	15.59	628	6.24	5.55	4.63	2.57	5.38	.78	.98	.88
				133.92	318.19	347.61	336.29	41.77	346.75	211.68	327.86
379	52.86	17.39	628	6.92	5.71	4.81	3.45	5.94	.55	.82	.46
				121.59	385.84	341.88	318.31	38.88	328.88	185.38	273.32
388	54.25	28.81	619	8.17	5.52	4.84	4.39	6.58	.24	.76	.76
				113.63	315.81	353.69	327.28	51.13	12.23	281.27	295.99

CHORDWISE 25 PERCENT RADIUS											
RUN NO 14											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
324	44.52	49.81	618	22.88	8.34	7.46	7.88	5.24	3.84	2.46	2.34
				278.24	116.36	258.49	66.83	31.41	127.78	55.13	138.68
325	43.59	49.14	618	28.75	13.84	18.82	7.25	6.35	6.83	2.35	2.82
				291.77	123.76	255.57	73.25	349.73	326.66	82.83	138.56
326	42.64	78.32	618	37.58	17.87	12.66	18.53	9.48	7.47	3.88	3.11
				311.14	128.83	251.18	58.89	355.42	67.81	111.21	153.71
327	42.22	85.32	618	45.69	22.54	17.35	12.25	18.21	7.81	5.69	3.62
				328.82	127.41	232.96	38.78	339.45	98.36	87.84	118.33
328	41.82	189.47	619	57.75	27.87	23.28	13.72	18.84	14.32	7.65	4.89
				338.28	135.17	242.23	49.71	351.74	163.95	126.71	138.81
329	42.16	133.88	618	78.43	29.84	31.34	11.51	18.18	22.11	8.64	4.17
				346.14	139.89	241.81	14.63	318.47	191.26	134.18	183.58
338	44.92	39.77	619	15.25	6.84	5.65	7.68	3.41	5.48	2.36	.91
				268.48	123.61	249.25	62.14	14.93	328.69	16.48	121.77
331	45.18	51.86	619	19.88	9.52	8.82	18.36	11.93	13.66	2.66	1.83
				294.87	127.93	242.76	61.87	345.51	352.58	19.16	134.32
332	45.74	61.17	619	28.25	14.54	13.55	14.88	14.79	18.88	3.98	1.26
				314.56	138.77	227.27	46.92	337.92	38.41	29.34	126.68
334	45.93	76.85	619	39.15	19.37	21.68	18.83	12.58	4.31	3.88	2.83
				334.47	139.58	231.41	48.95	338.57	36.88	54.91	138.16
335	46.15	95.92	628	49.88	23.86	29.33	28.68	18.65	2.63	3.55	2.33
				339.78	137.79	226.91	37.17	321.17	29.82	51.89	188.89
336	45.96	182.38	619	54.65	25.21	33.55	21.49	18.49	3.85	3.76	2.83
				342.37	139.18	228.58	36.78	321.63	28.22	57.93	181.15
371	48.98	42.68	621	13.89	8.29	8.83	8.69	5.11	17.18	2.29	.83
				287.16	145.32	211.58	48.46	285.31	297.82	316.57	78.98
372	58.99	48.98	628	21.39	18.95	14.23	11.93	6.17	8.81	3.88	.99
				323.56	148.88	285.99	37.11	293.34	341.15	353.32	79.73
373	52.66	69.78	628	31.36	14.78	22.33	14.97	4.68	3.28	2.68	1.53
				342.59	152.28	221.49	48.35	294.46	298.39	24.68	91.68
374	54.88	183.59	619	43.92	18.82	31.26	18.31	4.39	4.88	2.69	1.98
				354.21	155.93	234.38	52.56	278.29	294.83	46.62	111.81
375	55.84	126.91	619	61.14	21.84	41.94	22.86	6.14	8.28	4.47	2.67
				356.95	153.98	229.47	37.87	243.79	326.39	31.66	91.39
376	46.85	35.32	628	8.73	3.33	6.95	7.27	2.38	12.97	1.39	.58
				264.31	196.16	195.87	57.81	187.38	389.11	335.24	66.28
377	49.99	48.84	628	13.56	6.78	12.38	9.18	3.67	18.78	2.28	.54
				317.68	171.72	288.65	47.99	273.89	17.44	359.85	57.89
378	52.47	66.87	628	26.83	18.83	28.96	13.83	4.38	2.66	1.28	1.83
				348.87	161.58	285.96	48.18	235.84	288.77	359.53	57.53
379	55.15	99.42	628	41.69	14.31	38.58	15.19	6.58	8.27	1.84	1.13
				358.92	168.52	289.59	25.85	198.37	248.13	357.96	44.79
388	57.68	123.51	619	59.94	17.25	39.89	17.48	11.78	9.89	3.24	1.73
				5.81	178.89	228.62	33.23	199.47	275.65	24.62	84.91

TABLE VII.- Continued

(f) Continued

TORSION 2θ PERCENT RADIUS												
RUN NO 14												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
324	18.21	12.52	618	7.64	1.61	1.88	2.88	1.97	.63	.65	.78	AMP
				334.33	138.55	18.72	388.31	18.51	83.66	278.36	71.42	PHASE
325	8.38	13.28	618	7.81	1.37	1.23	2.11	1.86	.78	.98	.79	AMP
				341.12	145.18	18.39	298.15	6.28	93.11	278.79	78.96	PHASE
326	6.38	13.45	618	8.32	1.33	1.16	2.25	2.83	.52	.72	.67	AMP
				358.82	148.94	19.57	292.89	15.81	118.59	286.86	81.84	PHASE
327	4.23	13.96	618	9.24	1.81	1.27	2.38	2.15	.49	.45	.84	AMP
				351.45	131.85	357.24	276.32	352.95	46.45	264.82	46.74	PHASE
328	1.76	16.77	619	11.29	.97	2.28	2.88	3.19	1.53	.26	1.84	AMP
				359.55	88.55	359.47	382.33	22.69	58.49	132.84	86.85	PHASE
329	-1.21	28.64	618	13.95	1.88	3.85	2.36	3.44	2.23	1.57	.98	AMP
				3.21	51.81	359.58	388.18	28.89	75.61	148.17	121.29	PHASE
338	9.64	9.76	619	6.82	.78	1.76	1.83	1.99	.44	.66	1.18	AMP
				326.92	126.21	335.88	277.88	338.43	61.85	275.75	97.19	PHASE
331	7.77	9.28	619	6.24	.39	1.55	1.59	1.79	.53	.88	.82	AMP
				337.66	148.52	342.88	277.44	353.28	76.19	288.13	184.69	PHASE
332	6.85	9.71	619	6.63	.26	1.43	1.95	2.88	.34	.73	.15	AMP
				344.84	284.64	338.83	278.91	357.71	69.63	287.36	226.55	PHASE
334	4.89	11.48	619	7.58	.42	1.33	2.15	2.85	.39	.88	.13	AMP
				355.33	191.84	337.28	278.83	6.25	47.59	288.36	262.63	PHASE
335	2.19	12.23	628	8.56	.54	1.27	2.53	2.31	.46	.86	.16	AMP
				.25	178.91	313.83	264.46	355.96	45.72	261.18	284.24	PHASE
336	1.25	13.12	619	9.19	.64	1.21	2.67	2.59	.54	.77	.25	AMP
				3.86	173.35	318.77	265.87	359.79	45.93	262.74	257.29	PHASE
371	7.65	7.88	621	5.89	.47	1.97	1.24	1.89	.38	.88	.24	AMP
				327.77	278.28	328.76	257.88	388.69	35.65	246.38	94.33	PHASE
372	5.79	8.28	628	5.73	.78	1.78	1.56	2.89	.21	.59	.27	AMP
				348.89	269.27	324.59	255.41	316.58	355.98	268.94	132.33	PHASE
373	3.92	9.15	628	5.46	.86	1.67	1.86	1.99	.89	.85	.16	AMP
				352.29	269.75	323.35	278.57	333.38	34.19	267.21	92.67	PHASE
374	2.85	18.96	619	7.56	.86	1.66	2.37	2.12	.18	.87	.16	AMP
				1.68	253.51	313.45	288.87	358.11	188.88	273.34	68.82	PHASE
375	-.86	13.13	619	9.83	.98	1.88	3.87	2.74	.39	.56	.85	AMP
				5.88	226.84	289.21	278.38	348.65	65.68	266.51	298.39	PHASE
376	6.95	7.18	628	3.62	1.24	2.23	.87	1.58	.42	.37	.13	AMP
				322.96	281.56	328.16	279.11	332.99	69.85	267.15	184.89	PHASE
377	5.18	7.36	628	4.24	1.39	1.95	1.88	1.73	.24	.36	.23	AMP
				339.18	278.63	324.24	274.26	338.21	49.96	315.71	117.39	PHASE
378	3.24	7.61	628	5.24	1.47	1.92	1.51	1.73	.27	.46	.11	AMP
				358.88	271.85	386.79	262.73	326.78	7.42	237.74	357.46	PHASE
379	1.37	8.91	628	5.52	1.48	2.81	2.17	1.92	.13	.43	.88	AMP
				357.25	253.28	286.15	256.86	316.37	46.58	289.22	17.65	PHASE
388	-.56	18.98	619	7.98	1.58	2.12	2.66	2.18	.28	.42	.14	AMP
				7.78	248.13	275.53	271.12	338.78	181.28	237.47	354.49	PHASE



TABLE VII.- Continued

(f) Continued

FLAPWISE 37 PERCENT RADIUS											
RUN NO 14											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
324	32.88	21.81	618	11.58	7.58	5.26	2.32	3.18	.38	.37	1.28 AMP
325	32.95	24.89	618	138.34	317.16	16.93	322.18	185.81	352.76	383.88	247.87 PHASE
326	33.83	25.56	618	12.93	8.59	6.34	2.49	3.52	.33	.36	1.31 AMP
327	34.61	26.92	618	138.75	316.39	19.19	322.14	183.39	348.59	388.98	239.72 PHASE
328	35.12	28.98	619	13.99	9.55	7.58	2.66	3.22	.26	.43	1.23 AMP
329	36.84	38.68	618	139.63	318.15	21.68	327.71	118.49	1.83	383.48	249.63 PHASE
330	33.89	18.95	619	14.82	18.64	8.34	2.79	2.98	.28	.51	1.86 AMP
331	34.25	28.53	619	133.93	386.41	4.99	381.11	81.84	338.78	273.58	215.24 PHASE
332	35.27	22.38	619	15.95	12.22	8.71	3.15	2.94	.88	.71	1.83 AMP
333	36.12	24.87	619	136.18	313.56	7.66	297.31	184.34	211.45	279.89	234.97 PHASE
334	37.83	27.34	628	16.71	13.62	9.24	2.46	2.75	.26	.83	.58 AMP
335	37.44	28.11	619	131.86	312.87	358.56	279.75	97.92	193.45	268.21	285.36 PHASE
336	37.99	23.88	619	9.35	6.56	3.68	1.46	4.12	.68	.36	.73 AMP
337	38.97	25.88	619	135.13	322.58	3.85	316.18	72.84	337.99	262.19	216.89 PHASE
338	35.94	12.94	628	18.49	7.57	5.37	1.79	3.91	.76	.48	.75 AMP
339	36.93	14.71	628	136.84	328.35	12.65	323.82	75.52	324.83	266.88	285.35 PHASE
340	38.87	28.26	628	11.61	8.46	7.14	2.37	3.78	.38	.38	.64 AMP
341	38.84	17.31	628	135.25	315.51	12.38	323.78	73.87	322.78	287.98	218.84 PHASE
342	38.87	28.26	628	13.88	9.43	8.31	2.49	3.88	.51	.36	.66 AMP
343	38.87	28.26	628	136.28	315.37	16.86	323.38	77.98	323.31	265.88	188.72 PHASE
344	38.87	28.26	628	14.33	18.36	9.59	2.68	4.19	.45	.45	.72 AMP
345	38.87	28.26	628	131.67	387.78	7.34	388.28	61.82	313.76	242.78	156.42 PHASE
346	38.87	28.26	628	14.98	18.59	18.11	2.73	4.15	.38	.45	.68 AMP
347	38.87	28.26	628	131.18	388.17	7.42	318.86	61.86	311.98	241.98	158.83 PHASE
348	38.87	28.26	628	8.78	6.28	1.58	3.86	3.86	.59	.22	.49 AMP
349	38.87	28.26	628	131.77	314.27	349.77	324.16	48.11	293.28	275.81	188.87 PHASE
350	38.87	28.26	628	9.86	7.89	6.14	1.98	3.78	.36	.22	.43 AMP
351	38.87	28.26	628	132.88	312.99	359.86	322.57	42.84	292.22	252.37	176.88 PHASE
352	38.87	28.26	628	11.15	7.91	7.58	2.25	4.81	.31	.21	.47 AMP
353	38.87	28.26	628	135.21	318.39	12.87	336.44	55.59	275.43	283.68	185.85 PHASE
354	38.87	28.26	628	12.52	8.67	8.58	2.45	4.38	.38	.38	.58 AMP
355	38.87	28.26	628	136.75	328.98	28.54	341.73	65.56	259.48	273.75	189.36 PHASE
356	38.87	28.26	628	14.28	9.78	9.78	2.49	4.21	.55	.55	.68 AMP
357	38.87	28.26	628	132.58	313.76	11.63	326.99	55.13	288.23	257.76	158.82 PHASE
358	38.87	28.26	628	7.18	5.46	3.73	1.83	2.55	.35	.16	.48 AMP
359	38.87	28.26	628	133.38	328.29	341.38	335.47	54.33	262.78	262.64	174.17 PHASE
360	38.87	28.26	628	8.15	6.18	5.12	1.45	2.56	.25	.24	.26 AMP
361	38.87	28.26	628	134.78	319.49	357.96	338.64	59.17	278.58	289.66	194.55 PHASE
362	38.87	28.26	628	9.61	7.88	6.18	1.96	3.88	.29	.19	.24 AMP
363	38.87	28.26	628	131.86	313.55	1.52	335.88	42.17	288.26	228.73	142.84 PHASE
364	38.87	28.26	628	18.92	7.88	7.26	3.36	3.68	.26	.32	.22 AMP
365	38.87	28.26	628	129.72	386.89	359.61	326.48	29.42	171.88	246.66	121.88 PHASE
366	38.87	28.26	628	12.42	8.49	8.36	2.72	4.88	.55	.48	.31 AMP
367	38.87	28.26	628	131.44	312.68	15.43	336.87	51.68	174.85	288.27	151.75 PHASE

CHORDWISE 37 PERCENT RADIUS											
RUN NO 14											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
324	21.95	47.24	618	19.15	6.51	6.87	18.53	6.94	3.91	4.35	3.68 AMP
325	28.72	48.11	618	273.24	116.45	275.88	55.88	38.33	139.41	53.83	182.87 PHASE
326	19.48	78.41	618	24.59	18.36	8.91	11.44	6.94	11.55	4.51	4.77 AMP
327	18.16	77.81	618	291.94	122.86	273.38	61.83	359.86	315.12	69.28	168.27 PHASE
328	16.91	99.99	619	31.91	14.35	18.75	16.84	18.36	18.78	5.94	5.83 AMP
329	15.92	132.46	618	388.63	127.82	276.77	57.97	.82	53.22	96.28	186.43 PHASE
330	21.58	36.67	619	38.65	18.49	14.48	17.88	11.54	9.52	8.77	4.88 AMP
331	21.22	53.69	619	315.91	127.23	259.92	48.28	338.47	95.66	81.68	158.76 PHASE
332	21.39	68.99	619	48.13	23.28	19.74	19.14	12.53	28.79	11.52	6.77 AMP
333	21.58	36.67	619	332.43	137.88	266.34	48.65	342.64	171.97	133.81	139.93 PHASE
334	28.79	78.17	619	57.41	26.36	27.22	17.28	16.22	34.91	13.97	6.92 AMP
335	19.96	89.99	628	348.25	144.74	262.68	17.97	314.67	196.82	142.68	185.59 PHASE
336	19.27	94.68	619	12.44	4.61	4.22	18.26	5.11	8.69	4.66	1.71 AMP
337	22.97	52.47	621	266.82	128.17	268.42	54.18	22.81	315.26	11.26	156.34 PHASE
338	23.98	47.58	628	16.88	7.54	6.44	13.68	13.68	21.24	5.37	2.88 AMP
339	24.58	63.78	628	293.88	138.82	262.48	53.64	347.94	346.88	28.36	148.82 PHASE
340	24.72	93.86	619	23.33	11.43	9.58	19.47	16.55	15.61	7.54	1.98 AMP
341	24.49	118.46	619	389.94	131.84	248.75	44.78	339.38	22.68	22.77	145.72 PHASE
342	21.49	39.91	628	31.87	15.38	15.52	23.88	14.28	6.74	5.49	3.18 AMP
343	23.24	41.64	628	327.63	148.35	251.49	47.88	348.83	21.98	54.78	137.76 PHASE
344	24.81	68.17	628	48.56	19.18	21.68	27.97	12.62	3.42	5.58	3.26 AMP
345	26.11	98.88	628	332.47	148.85	247.22	36.54	324.87	6.37	59.56	187.65 PHASE
346	26.89	118.28	619	44.47	28.35	25.13	29.49	12.68	5.17	5.49	3.79 AMP
347	26.89	118.28	619	334.97	141.66	248.11	36.49	325.39	15.22	71.18	185.67 PHASE
348	26.89	118.28	619	18.94	5.11	4.85	11.45	5.66	27.85	5.23	2.22 AMP
349	26.89	118.28	619	287.21	158.69	227.93	41.61	292.58	292.63	321.99	188.63 PHASE
350	26.89	118.28	619	16.95	8.63	9.16	15.74	6.25	13.19	5.88	1.75 AMP
351	26.89	118.28	619	318.31	147.87	222.56	34.97	382.16	335.29	352.47	188.73 PHASE
352	26.89	118.28	619	24.57	11.69	15.28	28.16	4.24	5.86	3.92	3.15 AMP
353	26.89	118.28	619	335.68	157.88	236.25	47.84	386.76	294.63	28.11	117.95 PHASE
354	26.89	118.28	619	33.93	14.33	22.49	25.83	2.96	8.36	2.88	3.86 AMP
355	26.89	118.28	619	345.71	168.15	248.34	51.89	277.64	287.45	49.81	132.53 PHASE
356	26.89	118.28	619	46.86	19.31	21.88	38.74	4.46	7.56	4.13	4.51 AMP
357	26.89	118.28	619	348.89	156.84	241.16	37.36	241.98	314.85	28.86	185.35 PHASE
358	26.89	118.28	619	6.97	3.77	3.77	9.22	2.17	28.85	3.89	1.36 AMP
359	26.89	118.28	619	265.77	219.77	194.31	49.11	179.88	384.69	325.67	110.53 PHASE
360	26.89	118.28	619	18.39	5.92	7.27	12.23	3.44	16.85	5.81	1.25 AMP
361	26.89	118.28	619	313.63	198.44	289.57	45.82	274.74	11.85	353.81	185.98 PHASE
362	26.89	118.28	619	19.94	8.73	13.55	18.14	4.48	4.22	1.93	2.14 AMP
363	26.89	118.28	619	341.72	177.48	216.98	38.26	233.56	288.24	9.52	88.39 PHASE
364	26.89	118.28	619	38.25	12.58	21.85	22.85	6.88	12.95	1.32	2.58 AMP
365	26.89	118.28	619	358.86	169.98	222.48	26.83	181.14	233.56	354.22	61.12 PHASE
366	26.89	118.28	619	43.12	15.66	28.87	24.72	11.91	14.19	2.94	3.25 AMP
367	26.89	118.28	619	357.95	176.54	241.48	36.11	187.51			

TABLE VII.- Continued

(f) Continued

TORSION 36 PERCENT RADIUS												
RUN NO 14												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
324	9.84	12.87	618	8.41	2.88	.42	1.73	1.76	.54	.38	.44	AMP
				328.59	119.23	356.93	266.86	326.48	46.89	249.85	28.13	PHASE
325	7.14	12.74	618	8.76	1.92	.58	1.76	1.73	.66	.54	.54	AMP
				334.38	128.94	356.76	264.23	322.53	54.89	235.27	18.99	PHASE
326	5.16	13.32	618	9.42	1.94	.35	1.92	1.83	.47	.49	.46	AMP
				341.96	122.54	24.27	259.85	331.75	83.32	253.77	28.41	PHASE
327	3.11	13.63	618	18.36	1.77	.31	1.99	1.89	.39	.31	.61	AMP
				342.19	183.86	359.66	245.29	389.74	12.14	247.11	353.31	PHASE
328	.74	15.87	619	12.31	1.83	.94	2.31	2.66	1.21	.27	.77	AMP
				349.18	83.96	341.53	275.29	342.41	14.91	41.15	38.72	PHASE
329	-2.85	17.82	618	14.74	2.51	1.58	1.98	2.77	1.78	1.16	.61	AMP
				351.85	55.55	347.94	279.83	358.88	29.64	98.32	65.68	PHASE
338	8.89	9.86	619	7.15	1.36	.95	1.69	1.88	.37	.44	.89	AMP
				324.75	182.91	388.32	244.44	295.41	25.35	241.78	51.66	PHASE
331	6.27	9.78	619	7.51	1.86	.68	1.42	1.62	.47	.64	.86	AMP
				332.95	185.42	313.88	244.69	388.77	45.48	249.11	32.43	PHASE
332	4.56	18.62	619	8.11	1.88	.48	1.72	1.87	.36	.55	.85	AMP
				338.38	111.31	295.61	238.76	312.73	45.97	248.29	158.34	PHASE
334	2.66	11.67	619	9.83	1.88	.38	1.89	1.87	.31	.58	.84	AMP
				346.69	118.15	268.71	246.53	319.75	38.89	239.18	264.77	PHASE
335	.82	12.98	628	9.98	1.25	.65	2.19	2.85	.36	.58	.12	AMP
				349.92	118.66	222.83	234.88	318.36	25.72	217.26	273.56	PHASE
336	-.88	13.84	619	18.56	1.38	.69	2.32	2.26	.41	.52	.18	AMP
				352.42	112.32	215.89	235.89	315.82	27.11	219.19	232.41	PHASE
371	5.99	7.74	621	6.53	1.31	.98	1.24	1.72	.25	.58	.17	AMP
				326.68	81.35	298.47	225.28	265.84	.48	288.55	32.72	PHASE
372	4.16	8.87	628	7.25	1.17	.74	1.45	1.85	.15	.49	.17	AMP
				335.37	122.44	287.89	225.43	271.69	337.89	231.84	73.19	PHASE
373	2.36	9.94	628	8.82	1.27	.79	1.78	1.84	.13	.66	.88	AMP
				345.86	157.47	278.26	239.68	288.64	68.26	228.88	24.33	PHASE
374	.57	11.32	619	9.82	1.68	1.88	2.15	1.92	.23	.67	.14	AMP
				352.35	159.82	254.13	249.86	385.98	82.88	238.32	345.36	PHASE
375	-1.46	13.71	619	18.42	1.94	1.37	2.72	2.41	.39	.46	.86	AMP
				354.59	158.97	231.85	239.26	384.34	38.89	228.86	296.31	PHASE
376	5.35	6.37	628	5.27	1.34	1.24	1.94	1.42	.35	.31	.11	AMP
				327.28	283.96	289.88	246.68	298.21	22.81	233.15	27.83	PHASE
377	3.65	6.77	628	5.98	1.48	.99	1.87	1.56	2.88	.35	.15	AMP
				337.83	263.38	288.91	243.94	294.74	4.31	271.89	52.32	PHASE
378	1.82	8.69	628	6.99	1.54	1.85	1.45	1.56	.21	.38	.18	AMP
				343.57	244.84	265.47	231.11	282.73	324.78	193.66	381.25	PHASE
379	-.81	9.93	628	8.15	.67	1.38	1.99	1.73	.14	.35	.85	AMP
				347.31	213.26	238.21	222.93	271.68	25.88	178.94	294.87	PHASE
388	-1.91	12.33	619	9.48	1.84	1.71	2.36	1.97	.28	.35	.13	AMP
				356.33	193.97	228.24	238.84	294.73	55.78	282.87	381.86	PHASE

TABLE VII.- Continued

(f) Continued

FLAPWISE 51 PERCENT RADIUS											
RUN NO		14									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
324	19.96	26.92	618	14.47	9.11	6.57	1.89	2.59	1.13	2.36	3.96
				128.95	316.83	18.61	323.77	268.57	169.89	44.88	251.81
325	28.81	29.88	618	16.19	18.55	7.79	1.26	2.58	1.11	2.78	4.88
				138.58	315.81	14.89	329.19	262.34	173.93	41.76	242.41
326	21.65	31.73	618	17.69	11.82	9.14	1.39	2.64	.81	2.19	3.73
				133.28	316.88	17.33	334.23	266.27	187.13	58.28	252.81
327	22.29	32.98	618	18.84	13.31	18.37	1.59	2.72	.64	1.85	3.19
				128.72	385.36	1.88	318.48	248.38	144.12	7.67	215.81
328	22.52	35.89	619	28.13	15.51	11.82	1.69	2.88	.53	1.68	2.28
				132.48	311.31	5.55	382.91	255.58	177.56	4.36	236.68
329	23.82	37.29	618	28.99	17.66	11.78	1.72	3.85	.59	1.91	2.88
				129.78	389.15	358.92	298.33	251.26	163.99	341.26	162.93
330	21.43	21.89	619	11.88	8.19	4.59	1.19	2.11	1.22	1.87	1.57
				124.17	323.16	359.36	318.84	242.68	138.34	52.28	229.89
331	22.38	23.83	619	13.21	9.55	6.61	1.58	2.18	1.13	1.77	1.69
				126.48	318.56	9.57	328.71	243.31	149.78	55.48	216.52
332	23.29	26.75	619	14.72	18.72	8.77	1.69	2.38	.88	1.54	1.55
				126.91	314.93	18.81	321.77	248.89	134.97	46.39	222.87
334	23.95	29.65	619	16.62	12.19	18.48	1.76	2.48	.98	1.47	1.31
				129.74	314.85	15.63	328.91	242.57	146.61	54.11	197.33
335	24.79	33.17	628	18.31	13.52	12.13	1.82	2.47	.85	1.18	1.65
				126.73	385.73	8.38	311.18	228.45	126.38	46.98	161.28
336	25.16	35.81	619	19.85	13.89	12.84	1.74	2.54	.93	.93	1.54
				127.84	385.78	8.82	311.65	227.62	127.53	52.46	151.79
371	23.38	18.64	621	11.85	7.87	5.48	1.29	1.44	.63	1.55	1.16
				121.11	313.15	346.49	287.58	221.67	133.49	19.99	174.25
372	24.22	21.34	628	12.68	8.88	7.71	1.26	1.67	.58	1.89	1.81
				123.99	311.84	355.72	292.88	219.95	128.74	35.59	285.82
373	25.17	25.35	628	14.26	18.81	9.43	1.23	1.72	.63	1.24	.95
				128.59	314.32	18.97	388.48	237.24	154.28	51.16	192.85
374	25.91	29.36	619	16.13	11.13	11.85	1.84	1.78	.62	1.88	1.23
				131.47	315.97	28.13	318.37	247.72	161.34	63.86	179.64
375	26.77	33.46	619	18.39	12.66	12.99	.81	1.92	.66	.75	1.22
				128.59	388.61	13.35	384.32	232.82	136.15	33.51	145.52
376	25.22	15.51	628	8.95	6.98	4.43	1.27	1.85	.51	1.68	.98
				122.11	318.23	337.98	285.49	235.66	162.71	31.17	165.84
377	26.83	16.92	628	18.52	7.65	6.29	1.22	1.14	.58	4.48	.72
				125.77	316.78	354.15	294.74	233.92	166.97	44.93	285.87
378	27.82	21.98	628	12.48	8.71	7.71	.98	1.22	.64	.75	.72
				125.99	389.85	358.57	286.85	232.41	144.85	29.32	148.64
379	27.75	25.17	628	14.29	9.72	9.35	.64	1.28	.46	.73	.53
				125.18	388.67	358.74	268.77	226.83	111.31	352.48	88.99
388	28.79	29.16	619	16.38	18.37	11.11	.29	1.38	.43	.64	.85
				129.48	386.51	17.85	268.42	243.83	143.52	1.61	118.65

CHORDWISE 51 PERCENT RADIUS											
RUN NO		14									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
324	22.39	52.79	618	18.48	5.56	5.87	12.21	7.49	4.45	5.94	5.13
				277.81	128.78	296.38	57.06	36.87	151.29	54.46	197.42
326	28.92	55.87	618	24.82	8.65	8.47	13.97	7.83	15.35	6.53	6.21
				292.89	125.55	292.23	61.13	1.18	313.86	68.99	182.77
326	19.31	71.74	618	38.95	11.75	18.48	19.44	11.85	12.59	8.29	6.48
				387.11	129.61	297.65	58.68	.41	47.13	94.33	285.58
327	17.58	82.92	618	37.37	15.36	13.95	21.87	11.79	9.58	11.35	5.46
				312.25	127.43	279.81	48.46	336.48	97.78	83.79	148.87
328	15.96	188.47	619	45.48	28.88	19.47	23.13	13.34	24.33	14.26	7.44
				328.67	136.88	281.89	47.45	335.74	188.88	139.88	151.93
329	14.96	131.85	618	51.88	24.13	27.58	22.11	19.31	42.54	17.32	8.58
				334.11	144.13	275.39	17.87	389.84	282.78	151.53	111.23
330	28.51	48.71	619	11.88	4.88	3.88	11.88	5.25	18.67	6.29	2.55
				274.78	136.97	291.57	53.18	18.15	313.88	18.15	166.78
331	28.28	68.98	619	16.57	6.42	5.81	16.12	15.83	26.24	7.44	2.88
				295.93	136.84	287.93	53.34	348.22	345.89	24.85	161.28
332	28.19	77.99	619	22.78	9.49	7.95	22.95	17.83	18.79	18.24	2.21
				389.82	138.93	274.36	45.68	339.14	21.64	26.69	168.59
334	19.48	74.65	619	328.67	136.88	281.89	47.45	335.74	188.88	139.88	151.93
				322.72	143.26	273.75	48.85	338.75	16.44	59.35	152.84
335	18.39	91.51	628	37.96	16.24	19.47	33.15	13.15	3.88	7.88	4.87
				326.45	142.37	267.85	37.42	322.88	345.71	64.91	127.26
336	17.69	93.66	619	41.58	17.36	22.82	35.16	13.17	5.73	7.39	4.88
				328.73	143.73	267.96	37.41	324.55	2.53	77.25	122.82
371	22.83	61.33	621	18.67	4.68	3.85	13.59	6.38	34.82	7.24	3.14
				291.36	178.29	257.17	38.63	298.95	294.86	328.16	119.65
372	22.96	63.88	628	16.58	7.47	8.88	19.88	5.88	15.44	3.62	2.42
				315.57	156.27	246.71	35.27	296.98	335.88	358.23	125.28
373	23.18	65.63	628	23.26	18.23	12.23	24.16	4.41	7.84	4.96	4.69
				329.88	164.14	257.41	48.45	297.26	294.18	33.72	133.89
374	23.83	95.38	619	31.26	12.61	18.88	29.95	3.14	11.48	3.32	5.69
				338.99	164.63	267.71	54.18	265.85	286.89	53.47	149.36
375	22.86	111.38	619	42.41	16.88	26.69	36.91	5.81	9.68	4.72	5.77
				348.86	161.37	261.78	39.59	229.14	389.58	27.31	124.58
376	22.87	68.41	628	26.76	4.45	1.82	18.94	2.64	25.85	3.89	1.76
				272.87	231.85	217.82	45.86	192.37	386.33	329.12	127.41
377	23.76	49.26	628	18.28	5.99	4.73	14.95	4.19	21.84	6.66	1.78
				311.58	284.75	235.43	45.41	266.62	12.49	356.73	116.58
378	24.85	68.62	628	18.87	8.58	18.19	21.51	5.48	5.64	2.24	3.23
				335.61	188.71	237.52	39.17	229.84	279.94	28.73	94.85
379	24.32	89.17	628	26.76	12.87	17.44	26.49	7.86	16.56	1.13	3.45
				343.82	178.82	239.88	27.76	178.78	235.28	355.83	78.33
388	24.34	186.94	619	37.66	14.73	24.51	38.82	14.17	18.24	3.58	4.18
				351.25	184.34	257.64	39.11	188.89	268.81	348.13	186.41

TABLE VII.- Continued

(f) Continued

TORSTON 5# PERCENT RADIUS												
PT NO	RUN NO 14			CHANNEL NO 9		SHUNT VOLTS						
	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
324	4.67	9.66	618	7.88	1.61	.29	1.44	1.46	.56	.36	.15	AMP
				336.68	133.68	16.92	292.41	351.34	82.97	325.84	88.79	PHASE
325	3.84	18.89	618	7.31	1.48	.31	1.44	1.45	.63	.49	.24	AMP
				342.47	139.31	15.16	289.26	347.46	91.21	294.78	83.39	PHASE
326	1.29	18.62	618	7.82	1.45	.22	1.58	1.48	.46	.46	.25	AMP
				349.78	143.68	53.78	285.29	354.33	116.47	313.54	97.75	PHASE
327	-1.58	18.98	618	8.58	1.18	.25	1.52	1.54	.36	.54	.39	AMP
				349.58	127.87	44.38	271.89	331.37	56.32	384.68	52.96	PHASE
328	-2.61	12.38	619	18.18	1.81	.61	1.78	2.16	1.84	.38	.53	AMP
				355.95	99.77	26.21	382.13	6.58	54.32	55.91	84.74	PHASE
329	-5.87	14.41	618	11.96	1.61	1.82	1.38	2.28	1.57	.96	.41	AMP
				357.26	58.78	37.38	311.53	17.88	63.17	128.83	125.67	PHASE
338	4.11	8.38	619	6.28	1.89	.59	1.48	1.54	.39	.32	.89	AMP
				334.53	119.38	332.11	273.12	322.22	64.83	299.78	174.27	PHASE
331	2.52	8.75	619	6.51	.82	.37	1.13	1.38	.44	.58	.18	AMP
				342.31	129.14	341.83	274.25	335.99	91.82	291.28	148.48	PHASE
332	1.81	9.56	619	7.87	.66	.17	1.31	1.56	.34	.48	.16	AMP
				347.86	143.81	325.15	268.68	336.92	87.54	291.94	162.95	PHASE
334	-1.73	18.48	619	7.78	.88	.87	1.39	1.68	.26	.44	.85	AMP
				354.72	153.37	237.84	275.81	342.88	75.64	284.21	149.69	PHASE
335	-2.44	11.57	628	8.52	.91	.38	1.57	1.88	.37	.44	.88	AMP
				357.24	146.23	192.15	268.18	332.38	64.96	255.18	342.82	PHASE
336	-3.26	12.12	619	8.94	.98	.49	1.67	1.96	.42	.41	.85	AMP
				359.36	145.55	185.59	268.46	337.66	65.65	255.86	286.56	PHASE
371	3.24	7.24	621	5.87	.29	.54	1.84	1.42	.38	.44	.18	AMP
				337.27	118.81	315.27	254.86	294.12	47.38	253.51	74.13	PHASE
372	1.78	8.28	628	6.46	.26	.35	1.19	1.55	.16	.41	.19	AMP
				344.91	176.21	314.52	254.61	298.54	34.61	275.52	188.47	PHASE
373	.13	8.97	628	7.87	.48	.33	1.34	1.58	.16	.54	.12	AMP
				353.97	288.47	277.83	267.56	314.43	84.56	272.83	58.55	PHASE
374	-1.51	18.83	619	7.88	.65	.54	1.64	1.74	.29	.57	.15	AMP
				.52	198.64	249.24	274.17	338.38	182.96	267.14	388.84	PHASE
375	-3.48	12.15	619	8.84	.91	.86	2.88	2.18	.47	.42	.87	AMP
				1.79	183.63	223.84	262.21	328.38	71.89	246.86	327.76	PHASE
376	2.71	5.88	628	5.83	.21	.65	.88	1.18	.41	.24	.22	AMP
				339.91	293.49	389.95	272.71	328.27	49.63	284.86	68.51	PHASE
377	1.24	6.69	628	5.61	.48	.47	.94	1.26	.25	.35	.24	AMP
				347.59	264.39	311.25	272.81	322.51	48.15	319.81	78.57	PHASE
378	-1.36	7.79	628	6.36	.58	.48	1.11	1.34	.25	.31	.19	AMP
				352.56	248.86	274.79	258.39	389.18	7.23	255.47	356.68	PHASE
379	-2.81	9.82	628	7.21	.77	.65	1.48	1.56	.23	.33	.11	AMP
				355.28	223.96	241.67	245.71	298.43	48.62	219.92	387.55	PHASE
388	-3.71	11.89	619	8.12	1.84	.99	1.75	1.79	.43	.39	.16	AMP
				3.81	213.38	227.26	268.28	323.46	88.68	238.81	321.34	PHASE



TABLE VII.- Continued

(f) Continued

FLAPWISE 77 PERCENT RADIUS

RUN NO 14

PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
324	-4.95	34.86	618	28.87	9.88	6.86	3.16	3.97	1.93	2.31	4.86	AMP
				137.62	331.89	339.12	168.86	274.79	18.89	248.21	61.91	PHASE
325	-3.35	35.97	618	22.14	18.83	7.65	3.88	4.43	1.88	2.61	5.16	AMP
				148.46	338.47	345.72	154.63	273.16	14.76	237.99	54.83	PHASE
326	-1.73	38.98	618	23.35	11.14	8.58	3.29	4.48	1.45	2.89	4.77	AMP
				144.67	332.81	358.97	153.57	283.95	12.22	253.76	63.68	PHASE
327	-1.17	41.46	618	24.35	12.14	9.38	3.39	4.55	1.44	1.74	4.18	AMP
				142.18	321.14	336.92	131.52	255.88	318.88	216.27	24.88	PHASE
328	1.12	44.64	619	25.51	14.18	18.21	3.59	5.89	1.93	2.98	3.12	AMP
				147.81	326.44	343.27	141.83	276.51	328.52	227.88	48.52	PHASE
329	2.57	46.55	618	26.88	15.96	18.97	2.75	5.88	2.63	3.94	1.73	AMP
				149.14	322.81	335.81	138.81	272.65	389.67	184.71	348.67	PHASE
338	-3.49	28.47	619	19.23	8.23	5.18	2.98	6.39	3.38	2.19	1.92	AMP
				136.59	334.52	315.34	172.31	241.79	385.62	232.85	44.65	PHASE
331	-1.79	38.39	619	28.88	9.13	6.28	2.71	6.81	4.88	1.91	2.35	AMP
				148.88	331.35	328.46	169.74	246.81	358.88	248.82	29.66	PHASE
332	-2.28	34.16	619	21.45	18.84	7.55	3.25	6.14	2.88	1.55	2.14	AMP
				141.51	329.79	333.85	168.88	247.29	286.85	226.83	34.84	PHASE
334	1.27	37.38	619	22.78	11.54	8.92	3.17	6.48	3.61	1.54	1.91	AMP
				145.57	328.52	348.65	162.61	253.48	383.35	239.52	11.25	PHASE
335	2.84	48.26	628	22.84	12.83	9.93	2.98	7.19	4.85	1.89	2.53	AMP
				144.39	319.19	336.17	142.34	238.96	278.67	243.86	335.48	PHASE
336	3.68	41.16	619	24.48	13.32	18.47	2.93	7.32	1.84	2.97	2.46	AMP
				145.54	318.95	337.18	142.68	241.44	275.18	261.65	326.88	PHASE
371	-1.16	27.33	621	18.84	7.46	4.97	2.78	6.65	2.29	1.82	1.32	AMP
				135.14	338.37	384.78	161.53	218.49	126.88	191.31	358.11	PHASE
372	1.53	38.83	628	28.81	8.33	6.35	3.16	6.53	3.33	1.83	1.83	AMP
				138.68	328.71	317.88	152.98	214.18	164.85	197.74	22.14	PHASE
373	3.27	32.73	628	21.12	9.28	7.38	3.63	6.79	4.88	1.38	1.15	AMP
				144.12	331.87	338.56	161.88	228.84	323.66	228.84	5.98	PHASE
374	4.89	35.76	619	22.26	18.48	8.32	3.72	7.23	3.35	2.93	1.63	AMP
				147.34	331.58	351.98	168.64	239.33	348.67	231.71	355.88	PHASE
375	6.57	48.16	619	23.99	12.88	9.74	4.84	7.36	7.88	1.57	1.67	AMP
				145.99	322.68	348.81	142.84	229.92	321.58	194.88	322.29	PHASE
376	2.84	23.28	628	16.97	6.18	4.62	2.16	4.85	3.37	2.23	1.23	AMP
				137.63	339.86	298.62	182.75	228.37	56.21	198.78	338.58	PHASE
377	3.49	26.32	628	18.12	6.83	5.38	2.72	5.85	8.87	7.72	1.94	AMP
				148.86	338.55	315.72	173.22	231.36	139.33	289.28	18.41	PHASE
378	5.16	28.60	628	19.53	7.62	5.88	3.42	5.77	2.88	8.83	1.88	AMP
				141.57	329.87	325.66	155.17	216.84	316.22	195.26	318.83	PHASE
379	6.79	32.82	628	28.93	8.73	6.81	3.89	6.48	3.34	7.74	1.71	AMP
				141.82	321.46	332.12	135.68	282.88	388.31	142.22	267.42	PHASE
388	8.56	36.78	619	22.29	9.84	8.83	4.32	7.86	6.55	1.21	1.21	AMP
				146.28	326.88	353.95	148.68	224.23	332.84	144.73	293.96	PHASE

CHORDWISE 77 PERCENT RADIUS

RUN NO 14

PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
324	6.59	24.66	618	7.77	3.78	5.93	4.43	2.84	1.76	1.24	2.46	AMP
				178.86	336.92	332.78	78.62	322.43	182.59	28.72	97.21	PHASE
325	7.49	32.74	618	6.68	3.78	7.83	5.87	4.68	7.31	1.29	2.89	AMP
				188.96	339.48	334.64	76.57	384.36	312.67	58.28	93.12	PHASE
326	8.42	29.62	618	5.47	3.97	8.53	7.68	5.98	5.95	2.29	1.92	AMP
				196.64	347.86	339.84	71.29	316.22	25.58	85.77	184.66	PHASE
327	8.93	37.38	618	4.31	4.87	18.17	9.18	5.84	2.88	3.86	2.21	AMP
				214.83	335.65	322.92	51.71	288.88	74.34	84.29	61.98	PHASE
328	9.46	41.52	619	3.93	4.82	12.21	9.71	7.77	6.54	5.71	2.24	AMP
				257.84	348.73	325.88	59.21	295.96	187.51	142.99	189.28	PHASE
329	18.79	51.75	618	4.22	4.52	14.58	8.64	11.82	16.58	7.68	2.36	AMP
				282.98	324.12	312.79	28.73	286.36	286.63	158.14	92.88	PHASE
338	5.54	22.89	619	7.53	3.33	4.46	3.78	3.79	4.75	1.77	1.36	AMP
				161.16	335.88	319.82	68.92	263.86	383.17	348.33	91.53	PHASE
331	6.66	31.88	619	6.23	3.57	5.88	5.57	6.68	18.81	2.37	1.35	AMP
				178.17	336.98	327.86	62.71	299.44	337.31	3.19	71.53	PHASE
332	7.98	35.64	619	4.89	3.56	7.21	8.17	7.96	9.44	15.11	1.89	AMP
				178.62	339.44	327.63	54.24	296.83	337.31	3.19	71.53	PHASE
334	9.24	31.78	619	3.22	3.79	9.27	18.33	7.66	3.41	2.27	1.93	AMP
				198.27	336.76	328.26	55.99	298.58	351.25	51.72	82.17	PHASE
335	18.37	35.58	628	2.32	3.83	1.59	12.84	7.62	2.21	2.44	1.67	AMP
				232.86	321.38	318.87	42.67	267.68	297.74	59.84	25.45	PHASE
336	18.68	39.95	619	2.43	4.82	12.72	13.71	7.74	2.67	2.47	1.67	AMP
				251.89	328.55	317.49	42.48	269.34	318.35	73.83	22.33	PHASE
371	9.56	34.86	621	6.73	3.83	4.48	4.38	6.86	13.82	2.41	1.11	AMP
				155.26	317.44	387.29	47.95	232.79	285.41	382.84	68.77	PHASE
372	9.58	28.44	628	4.95	3.81	5.93	6.54	6.87	323.13	346.15	81.12	PHASE
				168.86	322.86	318.98	46.81	234.33	323.13	346.15	81.12	PHASE
373	11.22	29.81	628	3.15	3.16	7.49	8.79	6.19	3.89	1.22	1.73	AMP
				178.82	321.87	322.84	57.78	238.22	284.28	24.98	185.89	PHASE
374	12.81	38.88	619	1.29	3.68	9.62	11.45	6.77	5.68	7.77	1.49	AMP
				196.78	322.28	327.38	62.57	238.25	282.28	43.82	122.96	PHASE
375	13.88	43.89	619	1.67	4.39	12.45	14.49	7.71	5.15	1.47	1.19	AMP
				385.33	388.18	317.18	47.75	222.29	296.95	17.37	184.62	PHASE
376	9.97	27.51	628	7.34	3.33	3.61	3.17	4.58	18.31	1.34	1.88	AMP
				156.48	312.13	385.25	46.36	222.13	299.53	314.15	35.53	PHASE
377	9.45	27.62	628	5.91	3.18	4.73	4.81	5.36	8.42	2.49	1.88	AMP
				159.11	312.48	313.28	52.36	238.58	2.61	344.93	68.37	PHASE
378	9.51	27.85	628	3.76	3.32	5.94	7.49	6.61	3.82	5.4	1.97	AMP
				153.77	381.66	388.81	48.82	216.76	272.16	28.32	55.86	PHASE
379	11.34	36.96	628	1.79	3.69	7.91	9.93	7.85	7.49	1.11	1.92	AMP
				136.86	289.87	381.89	38.84	189.71	231.48	188.37	61.52	PHASE
388	13.83	46.68	619	1.18	4.31	18.88	11.93	18.31	8.51	1.22	1.21	AMP
				14.68	292.38	315.91	51.29	199.68	264.69	322.52	82.93	PHASE

TABLE VII.- Continued

(f) Concluded

TORSION 75 PERCENT RADIUS											
RUN NO 14											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
324	1.63	7.39	618	4.42	1.84	.23	.84	.94	.16	.46	.29 AMP
				323.85	122.58	169.98	319.37	358.13	127.86	67.37	218.56 PHASE
325	.29	7.58	618	331.98	132.28	187.57	318.41	358.23	136.17	71.23	214.84 PHASE
				4.95	1.88	.44	.77	.85	.16	.26	.23 AMP
326	-1.12	7.74	618	341.74	142.42	187.36	319.18	348.94	134.31	78.42	286.62 PHASE
				5.32	1.76	.53	.82	.98	.12	.35	.12 AMP
327	-2.43	8.38	618	344.86	139.78	168.89	388.91	316.82	51.26	16.85	152.39 PHASE
				6.12	1.57	.32	.97	1.24	.53	.58	.87 AMP
328	-3.94	9.41	619	353.93	149.28	153.83	332.71	358.88	58.89	54.61	131.38 PHASE
				7.13	1.27	.56	.77	1.17	.72	.49	.21 AMP
329	-5.61	18.23	618	357.83	147.62	96.99	358.18	.16	61.72	45.29	315.67 PHASE
				3.84	1.38	.86	.85	.96	.88	.36	.88 AMP
330	1.49	6.36	619	328.18	128.68	288.88	388.24	329.89	96.25	64.98	259.84 PHASE
				4.83	1.19	.24	.74	.88	.18	.23	.88 AMP
331	.88	6.35	619	331.73	132.69	172.78	315.33	341.52	144.84	83.62	48.88 PHASE
				4.42	1.17	.43	.82	.91	.15	.15	.88 AMP
332	-1.18	7.82	619	339.81	145.67	167.18	312.29	331.81	181.48	59.76	84.68 PHASE
				4.93	1.38	.63	.84	1.81	.13	.26	.13 AMP
334	-2.63	8.28	619	349.53	155.88	167.68	315.27	333.83	85.48	67.81	58.86 PHASE
				5.47	1.53	.89	.81	1.17	.28	.18	.18 AMP
335	-4.83	9.25	628	353.61	152.78	162.86	295.63	328.62	53.82	72.83	15.28 PHASE
				5.76	1.61	.96	.81	1.21	.36	.24	.21 AMP
336	-4.69	9.56	619	356.41	154.67	162.65	293.41	324.62	53.86	73.18	28.98 PHASE
				3.47	.72	.18	.79	.76	.88	.16	.11 AMP
371	.29	5.19	621	325.95	132.94	184.37	283.93	385.26	76.58	21.97	297.37 PHASE
				3.86	.77	.38	.83	.79	.88	.12	.86 AMP
372	-1.89	5.93	628	337.57	152.84	163.73	288.82	388.22	13.74	357.74	386.29 PHASE
				4.34	.93	.54	.87	.93	.12	.89	.13 AMP
373	-2.45	6.79	628	349.83	178.92	179.86	297.24	314.82	56.73	26.14	314.22 PHASE
				4.91	1.22	.83	.97	1.89	.26	.18	.15 AMP
374	-3.83	8.88	619	357.45	178.37	198.46	293.23	327.49	69.83	145.81	323.89 PHASE
				5.73	1.54	1.13	1.88	1.35	.49	.17	.11 AMP
375	-5.39	9.25	619	5.29	171.37	182.29	275.89	318.84	51.88	148.16	381.94 PHASE
				2.98	.31	.15	.69	.58	.18	.14	.21 AMP
376	.81	3.98	628	328.34	164.84	165.28	298.71	328.84	28.55	341.33	27.82 PHASE
				3.25	.52	.23	.73	.53	.85	.16	.14 AMP
377	-1.31	4.62	628	341.83	198.49	165.87	299.31	321.67	2.51	315.19	16.52 PHASE
				3.86	.77	.46	.76	.72	.11	.89	.14 AMP
378	-2.74	5.78	628	348.99	194.38	171.94	287.84	318.54	6.98	389.62	313.58 PHASE
				4.52	1.88	.74	.89	.98	.27	.85	.18 AMP
379	-4.16	7.83	628	353.59	186.94	175.37	261.31	298.44	19.83	149.49	254.47 PHASE
				5.23	1.43	1.88	1.87	1.16	.48	.25	.18 AMP
388	-5.57	8.56	619	2.48	188.58	185.39	267.79	322.82	58.86	163.87	271.98 PHASE

PITCH LINK											
RUN NO 14											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
324	-4.69	18.68	618	5.64	1.84	1.23	1.94	2.88	.66	.93	1.18 AMP
				171.57	342.18	171.12	117.78	189.28	249.43	54.87	238.38 PHASE
325	-3.28	11.64	618	5.78	.97	1.58	2.83	1.97	1.76	1.38	1.18 AMP
				179.24	357.52	171.18	115.95	189.58	253.79	54.86	219.89 PHASE
326	-1.81	12.62	618	6.34	.99	1.59	2.11	2.18	.49	1.81	1.83 AMP
				187.69	9.82	188.17	118.73	196.36	276.48	66.15	226.86 PHASE
327	-.26	13.33	618	7.34	.72	1.84	2.12	2.39	.47	.58	.93 AMP
				187.58	12.82	163.19	89.32	171.52	289.58	24.55	193.58 PHASE
328	1.56	16.43	619	9.88	.14	2.83	2.44	3.25	1.28	.56	.71 AMP
				193.84	53.59	167.62	118.86	195.77	238.51	328.83	236.46 PHASE
329	3.88	28.47	618	11.63	.89	3.46	2.29	3.43	1.75	1.99	1.38 AMP
				195.89	182.13	163.13	183.48	196.48	245.27	317.72	279.15 PHASE
330	-3.84	9.33	619	3.54	.59	2.88	1.51	2.89	.54	.97	.24 AMP
				166.54	48.64	149.65	93.82	163.71	285.37	61.51	197.62 PHASE
331	-2.47	9.29	619	3.93	.67	2.88	1.41	1.79	.54	.96	.21 AMP
				179.13	66.65	155.66	88.38	173.98	211.96	88.58	144.69 PHASE
332	-1.25	18.72	619	4.39	1.84	2.89	1.78	2.19	.24	.69	.32 AMP
				188.41	73.68	153.45	81.27	175.65	285.77	77.42	115.29 PHASE
334	.15	12.86	619	5.38	1.16	2.16	1.83	2.22	.45	.89	.46 AMP
				195.89	78.74	154.97	85.56	184.36	284.13	78.82	181.46 PHASE
335	1.58	13.57	628	6.57	1.26	2.17	2.26	2.41	.48	.88	.41 AMP
				199.49	62.26	135.76	73.11	172.19	181.71	57.25	77.18 PHASE
336	2.19	15.88	619	7.33	1.24	2.85	2.45	2.65	.55	.63	.54 AMP
				281.56	58.99	132.33	75.58	175.47	188.49	46.51	74.65 PHASE
371	-1.89	8.38	621	2.42	1.36	2.47	1.96	2.19	.42	.92	.86 AMP
				177.52	78.85	135.78	66.26	135.97	174.57	29.15	318.57 PHASE
372	.22	9.18	628	3.34	1.64	2.32	1.34	2.59	.38	.52	.21 AMP
				187.43	75.22	141.28	61.56	142.18	153.32	41.26	21.87 PHASE
373	1.59	11.24	628	4.33	1.98	2.31	1.64	2.67	.88	.77	.13 AMP
				199.91	82.74	145.15	72.98	159.84	176.73	52.15	17.74 PHASE
374	2.93	11.48	619	5.73	1.98	2.21	2.87	2.77	.16	.68	.81 AMP
				286.81	88.93	137.49	92.85	172.78	288.52	62.56	381.88 PHASE
375	4.46	13.87	619	7.34	1.86	2.32	2.86	3.38	.87	.52	.25 AMP
				286.39	74.89	113.88	85.52	168.68	199.68	7.73	128.81 PHASE
376	.87	6.87	628	2.82	2.82	2.78	.55	1.82	.35	.39	.22 AMP
				199.68	87.45	134.75	87.65	155.12	222.18	13.21	35.17 PHASE
377	1.38	7.58	628	2.89	2.17	2.45	.82	2.17	.34	.18	.19 AMP
				283.52	84.88	148.32	75.57	156.62	281.79	33.66	337.38 PHASE
378	2.64	8.77	628	3.31	2.43	2.59	1.26	2.32	.45	.54	.88 AMP
				218.99	79.73	125.42	66.44	146.36	186.86	8.54	389.68 PHASE
379	3.99	18.32	628	4.99	2.46	2.48	1.91	2.55	.15	.67	.15 AMP
				288.81	72.31	184.71	78.82	139.88	177.82	328.45	286.83 PHASE
388	5.43	12.84	619	6.96	2.48	2.59	2.45	2.86	.24	.62	.23 AMP
				213.88	72.43	94.54	88.11	168.83	267.76	358.36	178.33 PHASE

TABLE VII.- Continued

(g) $\mu = 0.40$; $M_T = 0.68$

PT.	A1	B1	THETA	CL/SIGMA	CU/SIGMA	CW/SIGMA
385	-1.6	5.1	0.0	.03260	.00161	.00163
386	-1.7	6.6	2.0	.04266	.00142	.00187
387	-2.0	7.9	4.1	.05365	.00125	.00226
388	-2.3	9.1	6.1	.06380	.00098	.00277
389	-2.5	10.3	8.1	.07242	.00061	.00343
390	-2.9	11.7	10.0	.08110	.00012	.00449
391	-1.2	5.4	2.1	.02138	.00001	.00241
392	-1.5	6.5	4.0	.03287	.00110	.00293
393	-1.9	7.7	6.0	.04287	.00214	.00354
394	-2.3	8.8	7.9	.05195	.00326	.00415
395	-2.5	10.2	10.0	.06239	.00454	.00512
396	-2.6	11.0	11.0	.06738	.00519	.00556
397	-2.8	11.3	12.0	.07261	.00573	.00607
398	-1.1	5.6	4.1	.01109	.00047	.00231
399	-1.3	6.5	6.1	.02246	.00148	.00327
400	-1.8	7.9	7.9	.03179	.00352	.00404
401	-1.9	8.9	10.0	.04334	.00546	.00512
402	-2.5	10.0	11.9	.05336	.00759	.00618
403	-2.7	10.6	13.0	.05842	.00874	.00661

TABLE VII.- Continued

(g) Continued

FLAPWISE 25 PERCENT RADIUS												
RUN NO		15										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
385	47.22	24.49	649	6.84	6.23	3.43	2.69	8.29	1.79	4.84	3.28	AMP
				141.55	388.52	9.22	389.64	71.17	328.71	285.56	41.68	PHASE
386	48.32	25.87	658	7.86	7.82	4.32	3.18	8.96	1.62	3.88	3.17	AMP
				141.28	311.29	13.89	314.67	75.84	336.23	281.45	52.78	PHASE
387	49.68	25.71	658	8.86	8.83	5.19	3.43	9.39	1.38	3.44	3.89	AMP
				141.67	317.39	27.28	325.69	85.98	353.59	216.88	62.88	PHASE
388	50.57	25.72	658	9.28	8.72	5.67	3.67	8.73	1.23	2.96	3.82	AMP
				134.98	318.75	9.76	384.19	65.18	338.88	189.49	28.57	PHASE
389	51.51	25.33	658	9.82	9.41	6.12	4.33	9.86	.98	2.11	2.69	AMP
				138.31	313.96	5.67	298.31	69.58	334.21	188.83	34.63	PHASE
390	52.31	26.88	649	18.25	18.17	6.91	5.38	9.91	.61	2.85	2.21	AMP
				123.79	316.11	354.12	288.16	73.54	17.19	148.78	32.42	PHASE
391	47.68	21.83	658	6.22	5.43	2.79	1.87	8.28	2.24	2.81	1.53	AMP
				149.53	317.74	341.58	328.12	59.88	336.73	231.74	45.84	PHASE
392	48.88	22.97	658	6.98	6.25	3.68	1.53	8.69	2.36	2.54	1.18	AMP
				147.41	318.31	354.84	327.34	68.84	336.65	225.99	44.74	PHASE
393	50.82	23.31	658	7.49	7.89	4.37	2.22	8.95	1.91	2.53	1.27	AMP
				144.38	328.37	3.66	338.28	61.75	339.66	226.78	45.88	PHASE
394	51.82	23.56	658	8.88	7.76	5.86	2.75	9.88	1.83	2.24	1.52	AMP
				138.24	313.83	355.62	312.15	47.59	326.33	287.87	16.72	PHASE
395	52.24	24.69	658	8.85	8.48	5.88	3.55	9.35	1.71	2.88	1.24	AMP
				132.95	315.58	357.45	311.88	48.68	319.88	288.85	357.71	PHASE
396	52.76	24.35	649	9.25	8.59	6.12	3.88	9.55	1.85	1.62	1.34	AMP
				129.96	315.45	355.82	387.13	49.53	321.48	212.63	344.71	PHASE
397	53.25	24.17	651	9.57	8.83	6.32	4.86	9.25	1.79	1.22	1.21	AMP
				127.84	315.23	352.31	298.98	48.33	324.27	287.44	348.84	PHASE
398	47.62	18.74	658	5.31	4.77	2.79	.52	6.64	1.36	1.69	.87	AMP
				156.11	317.41	329.24	34.62	58.42	349.49	246.28	49.99	PHASE
399	48.86	19.75	658	6.21	5.68	3.24	1.25	8.82	1.71	1.71	.96	AMP
				153.12	314.81	339.95	1.14	45.35	335.26	228.27	27.88	PHASE
400	50.85	19.25	658	6.35	5.84	3.82	1.93	7.49	1.56	1.87	1.11	AMP
				144.81	318.55	348.81	338.61	28.21	318.99	288.88	358.52	PHASE
401	51.29	28.63	649	7.15	6.89	4.48	2.79	8.22	1.32	1.61	1.78	AMP
				144.67	321.29	.23	344.83	49.65	341.69	228.32	27.13	PHASE
402	52.48	21.41	658	7.73	7.47	4.81	3.63	8.71	1.19	1.49	1.85	AMP
				135.11	328.72	359.86	334.65	46.23	321.74	289.94	359.22	PHASE
403	53.15	21.11	658	8.25	7.68	5.86	4.13	8.93	1.84	1.32	1.16	AMP
				129.24	317.53	355.89	321.89	39.48	388.43	194.77	337.86	PHASE

CHORDWISE 25 PERCENT RADIUS												
RUN NO		15										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
385	53.24	65.88	649	26.86	9.48	7.33	11.55	18.91	4.84	1.54	1.85	AMP
				263.56	116.52	251.12	42.36	321.93	31.85	2.71	78.77	PHASE
386	51.48	64.85	658	31.91	11.75	18.84	12.47	12.99	2.17	1.39	2.18	AMP
				282.98	128.18	253.68	51.55	386.17	244.48	62.45	88.69	PHASE
387	58.24	73.59	658	48.25	17.54	12.18	13.64	15.48	3.76	2.56	2.33	AMP
				381.45	131.88	264.94	49.44	311.78	327.86	182.94	124.48	PHASE
388	48.68	86.72	658	48.84	21.97	14.65	15.57	17.88	4.37	3.26	2.93	AMP
				312.53	128.53	248.39	29.35	299.58	35.38	89.15	97.87	PHASE
389	48.28	186.66	658	58.28	28.43	28.12	16.78	18.89	8.23	4.33	3.33	AMP
				326.78	134.46	246.72	25.16	384.62	183.78	185.56	93.98	PHASE
390	48.44	128.26	649	69.82	33.69	25.94	16.79	18.83	12.91	5.28	4.17	AMP
				337.13	137.88	243.86	7.63	296.81	137.88	95.76	75.83	PHASE
391	52.34	46.77	658	19.89	6.93	5.75	11.18	8.26	3.87	1.41	.68	AMP
				258.94	133.81	245.12	53.18	326.52	322.92	351.96	55.66	PHASE
392	52.35	54.28	658	22.41	8.33	8.98	11.28	18.35	5.84	1.29	.63	AMP
				281.63	134.73	245.67	55.95	381.78	276.38	8.76	61.89	PHASE
393	53.24	61.75	658	38.24	14.18	18.61	13.38	13.68	6.71	1.86	.66	AMP
				381.12	137.93	242.67	43.72	299.33	387.72	25.92	184.44	PHASE
394	53.18	73.39	658	38.88	17.93	14.66	16.93	14.14	4.86	2.39	.82	AMP
				313.42	137.34	231.56	27.64	279.58	386.35	13.99	82.79	PHASE
395	54.21	95.38	658	58.48	23.52	22.65	28.65	12.63	2.87	2.54	1.13	AMP
				326.49	141.72	234.83	38.16	279.94	338.88	28.73	94.34	PHASE
396	53.58	183.54	649	57.28	26.11	27.12	28.63	12.99	1.66	3.81	1.13	AMP
				332.29	143.78	235.37	28.68	282.47	13.85	37.86	81.52	PHASE
397	53.49	118.88	651	63.91	27.68	38.65	28.89	11.83	2.48	2.57	1.27	AMP
				337.46	144.71	234.66	23.38	291.21	68.24	32.68	58.79	PHASE
398	58.63	43.88	658	16.87	4.74	3.99	9.68	5.78	4.81	1.84	.46	AMP
				247.34	153.83	285.88	61.88	319.53	318.18	324.21	62.18	PHASE
399	51.95	45.17	658	15.58	5.63	7.37	12.23	7.43	6.43	1.26	.58	AMP
				272.49	156.85	228.58	55.21	268.26	275.29	327.21	65.33	PHASE
400	53.48	47.82	658	21.88	18.85	9.47	12.91	18.25	6.71	1.65	.66	AMP
				299.44	146.15	212.38	27.17	252.49	286.29	318.26	55.86	PHASE
401	55.51	72.85	649	31.87	15.59	16.42	17.94	9.71	3.45	1.53	.75	AMP
				328.23	156.58	229.89	45.14	264.15	329.11	4.85	93.41	PHASE
402	57.36	93.84	658	43.71	19.57	25.15	22.48	11.43	2.94	1.82	1.86	AMP
				339.78	157.73	238.43	48.38	238.64	314.14	28.68	81.57	PHASE
403	58.22	181.68	658	51.49	22.26	38.88	22.59	11.92	3.38	2.56	1.23	AMP
				342.98	156.65	227.26	31.38	224.76	325.22	21.79	76.18	PHASE



TABLE VII.- Continued

(g) Continued

TORSION 28 PERCENT RADIUS												
RUN NO 15												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
385	18.79	14.59	649	7.82	1.88	1.28	2.57	2.61	.62	1.14	.29	AMP
				328.21	128.85	353.85	258.32	337.93	48.43	248.83	332.48	PHASE
386	8.79	14.78	658	7.98	1.65	1.61	2.78	2.61	.69	1.15	.25	AMP
				336.16	127.17	349.98	263.25	346.73	48.18	248.36	24.87	PHASE
387	6.64	13.36	658	8.38	1.42	1.64	2.78	2.56	.36	1.14	.23	AMP
				346.63	135.36	351.48	267.86	352.95	77.54	264.23	95.12	PHASE
388	4.43	14.82	658	9.43	1.25	1.86	2.56	2.61	.35	.81	.35	AMP
				358.82	114.89	348.45	248.85	334.15	19.92	243.45	56.88	PHASE
389	2.85	16.32	658	11.15	1.28	2.29	2.92	3.51	.85	.18	.58	AMP
				357.81	94.12	349.28	254.17	346.34	38.68	186.68	75.88	PHASE
398	-.73	28.77	649	13.88	1.63	3.38	3.85	5.83	2.88	1.29	1.15	AMP
				2.58	52.64	355.64	257.67	358.66	58.18	91.85	188.73	PHASE
391	18.87	18.77	658	5.96	1.12	2.17	2.31	2.89	.32	.91	.22	AMP
				321.58	185.73	331.16	258.83	323.55	35.28	261.98	232.44	PHASE
392	8.26	18.74	658	6.12	.66	2.41	2.35	2.16	.54	.86	.22	AMP
				331.98	189.51	338.34	256.58	331.72	38.13	268.86	221.48	PHASE
393	6.36	18.42	658	6.48	.26	2.56	2.33	2.17	.31	.94	.48	AMP
				341.81	181.15	328.34	256.49	332.34	38.34	272.94	211.68	PHASE
394	4.55	18.86	658	7.88	.89	2.57	2.51	2.27	.26	.97	.28	AMP
				347.43	188.48	315.88	241.18	318.74	338.72	259.41	192.83	PHASE
395	2.47	12.36	658	7.96	.28	2.56	2.94	2.47	.29	1.18	.16	AMP
				357.16	128.27	389.37	244.47	327.52	356.85	268.15	282.91	PHASE
396	1.38	13.13	649	8.76	.32	2.58	3.26	2.69	.43	.97	.28	AMP
				1.38	136.85	386.51	244.22	329.53	6.12	263.85	191.92	PHASE
397	.19	14.87	651	9.87	.62	2.61	3.44	2.98	.62	.98	.27	AMP
				5.88	136.87	388.88	241.79	333.48	26.61	267.84	184.98	PHASE
398	9.54	9.57	658	4.83	.21	2.41	1.71	1.77	.14	.73	.26	AMP
				314.12	35.87	326.99	247.48	325.18	32.47	267.15	187.73	PHASE
399	7.64	9.29	658	4.89	.31	2.63	1.86	1.96	.24	.78	.33	AMP
				325.21	381.44	319.82	239.94	315.88	11.45	255.42	152.14	PHASE
400	5.69	8.76	658	5.48	.62	2.44	1.79	1.98	.14	.88	.28	AMP
				335.12	298.54	318.14	238.13	299.95	336.11	239.11	132.58	PHASE
401	3.81	9.49	649	6.13	.88	2.68	2.18	2.85	.28	.81	.19	AMP
				349.67	286.73	316.65	249.86	324.22	327.13	265.49	162.84	PHASE
402	1.76	18.66	658	7.19	.75	2.72	2.58	2.22	.25	.91	.13	AMP
				357.94	273.97	382.35	247.42	325.54	338.95	252.85	116.82	PHASE
403	.65	11.73	658	7.95	.67	2.72	2.98	2.43	.19	.88	.12	AMP
				.15	256.83	298.84	243.56	322.95	345.98	244.69	118.88	PHASE

TABLE VII.- Continued

(g) Continued

FLAPWISE 37 PERCENT RADIUS											
RUN NO 15											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
385	32.38	22.98	649	18.87	7.89	4.56	2.74	4.14	.38	.37	1.16 AMP
				135.12	312.78	8.13	386.95	78.28	358.68	295.55	289.47 PHASE
386	33.26	23.72	658	12.46	8.22	5.51	3.82	4.42	.38	.38	1.83 AMP
				136.23	313.85	13.87	311.94	88.38	19.81	298.98	222.39 PHASE
387	33.96	26.14	658	13.84	9.81	6.49	3.27	4.63	.36	.48	1.88 AMP
				138.36	316.82	24.95	322.83	89.82	32.98	326.37	238.87 PHASE
388	34.74	27.19	658	14.98	18.89	7.18	3.38	4.16	.31	.47	1.83 AMP
				133.58	388.68	8.78	381.89	68.96	28.32	291.74	199.87 PHASE
389	35.45	29.86	658	15.85	12.33	7.86	3.65	4.34	.36	.36	1.96 AMP
				132.43	388.92	6.98	297.79	73.85	59.38	277.21	289.15 PHASE
398	36.11	32.32	649	16.47	13.93	8.76	4.31	4.72	.45	.98	1.83 AMP
				138.32	388.13	358.37	281.25	77.28	131.28	254.64	218.19 PHASE
391	33.34	18.68	658	8.86	6.87	2.71	1.42	4.59	.67	.31	.69 AMP
				135.16	327.69	2.82	386.57	62.76	344.32	282.77	213.84 PHASE
392	34.42	28.96	658	18.24	7.26	4.85	1.74	4.91	.64	.28	.51 AMP
				135.59	323.78	9.46	314.78	61.97	332.88	286.73	281.78 PHASE
393	35.48	22.88	658	11.58	8.43	5.82	2.22	4.91	.65	.32	.53 AMP
				136.83	322.39	16.39	321.46	64.55	331.18	383.23	281.93 PHASE
394	36.22	23.83	658	12.78	9.33	8.86	2.57	4.98	.56	.34	.63 AMP
				132.55	313.96	8.22	387.26	49.83	324.87	284.86	167.42 PHASE
395	37.11	26.83	658	14.38	18.57	7.46	2.99	5.18	.36	.35	.58 AMP
				131.28	312.64	9.69	389.33	48.76	319.35	273.88	141.71 PHASE
396	37.48	27.88	649	15.85	11.89	8.16	3.81	5.25	.36	.44	.69 AMP
				138.58	318.97	8.79	386.67	49.88	314.85	244.71	143.18 PHASE
397	37.78	28.81	651	15.72	11.69	8.59	3.13	5.82	.31	.42	.54 AMP
				129.77	389.63	6.28	381.53	47.36	325.35	245.25	141.45 PHASE
398	34.18	13.61	658	6.94	5.81	2.18	.73	3.87	.48	.21	.41 AMP
				134.58	331.37	346.57	329.88	59.58	334.54	296.73	216.99 PHASE
399	35.89	15.72	658	8.53	6.29	3.88	1.28	4.62	.48	.21	.33 AMP
				135.84	324.46	358.97	331.33	45.88	317.11	291.68	172.16 PHASE
488	36.18	16.18	658	9.42	6.84	4.23	1.79	4.28	.41	.25	.44 AMP
				131.86	316.58	356.91	318.89	28.62	293.78	281.58	158.93 PHASE
481	37.18	19.38	649	11.14	8.41	5.44	2.48	4.64	.24	.29	.36 AMP
				136.88	323.27	17.43	337.94	58.81	389.99	298.51	178.28 PHASE
482	38.88	21.83	658	12.64	9.43	6.68	2.84	4.93	.18	.39	.38 AMP
				133.75	328.84	18.48	333.77	44.74	277.17	279.23	157.22 PHASE
483	38.54	23.41	658	13.48	9.95	7.42	3.83	5.89	.11	.52	.51 AMP
				131.57	315.93	14.71	326.81	36.91	227.79	255.67	137.85 PHASE

CHORDWISE 37 PERCENT RADIUS											
RUN NO 15											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
385	26.52	63.86	649	22.48	6.81	5.52	15.98	13.31	6.56	3.35	2.59 AMP
				269.92	128.14	263.12	37.23	326.16	32.49	6.45	136.24 PHASE
386	24.86	64.84	658	28.85	9.28	8.26	18.38	15.13	4.38	3.88	3.87 AMP
				286.84	122.89	269.38	43.43	388.48	227.39	33.17	122.83 PHASE
387	23.17	75.82	658	35.55	13.89	18.55	21.87	17.99	6.85	4.89	4.75 AMP
				382.35	135.46	287.98	47.86	313.29	328.37	81.34	143.57 PHASE
388	28.91	93.82	658	42.66	17.69	13.37	23.29	21.96	6.44	4.88	4.98 AMP
				318.84	131.49	274.97	38.18	299.43	28.95	75.27	185.13 PHASE
389	19.35	99.39	658	58.88	23.58	17.74	24.68	23.27	11.48	5.85	5.31 AMP
				323.35	139.29	273.82	25.78	384.97	186.66	188.81	185.65 PHASE
398	18.18	118.81	649	58.56	29.87	23.14	24.69	25.41	28.89	7.42	4.83 AMP
				332.88	144.75	267.85	7.95	298.12	146.31	187.91	87.84 PHASE
391	25.82	44.99	658	15.85	5.88	3.47	14.47	18.88	6.15	3.91	1.16 AMP
				267.41	158.84	249.48	47.55	331.68	324.63	349.92	184.73 PHASE
392	24.79	51.74	658	19.32	6.39	6.25	15.68	12.61	8.78	4.21	2.73 AMP
				286.86	144.22	286.88	46.51	386.85	278.62	1.33	95.11 PHASE
393	25.14	64.11	658	26.27	18.69	7.68	19.38	16.34	12.84	4.56	3.18 AMP
				381.78	144.91	258.89	41.83	381.71	384.14	13.49	184.88 PHASE
394	24.67	72.67	658	33.87	13.83	18.78	24.13	16.98	7.56	4.91	3.33 AMP
				318.61	142.71	251.76	25.87	281.58	383.36	357.75	82.58 PHASE
395	24.88	93.58	658	43.12	18.53	16.95	28.54	14.97	3.72	3.47	4.75 AMP
				321.95	147.72	256.93	29.32	284.73	324.12	17.78	83.27 PHASE
396	22.65	94.85	649	48.47	28.89	28.51	29.51	15.64	2.24	3.33	4.73 AMP
				327.23	158.29	258.56	28.14	289.76	352.12	37.15	84.21 PHASE
397	21.56	97.91	651	53.52	22.56	23.39	29.93	14.97	2.65	2.38	4.56 AMP
				332.28	152.41	257.53	23.26	388.93	71.86	32.52	75.26 PHASE
398	23.31	43.96	658	11.52	3.87	2.49	12.26	7.81	7.62	3.88	1.82 AMP
				255.71	186.55	181.89	55.32	326.28	388.16	332.73	97.22 PHASE
399	24.17	43.81	658	12.92	5.81	4.39	15.98	8.58	11.18	4.16	2.87 AMP
				279.45	183.81	233.11	48.44	274.46	271.84	331.93	81.72 PHASE
488	24.62	47.86	658	18.38	7.93	5.97	17.94	11.84	12.12	4.66	2.53 AMP
				388.78	161.68	224.88	25.87	257.32	282.69	316.38	66.51 PHASE
481	25.83	66.14	649	26.88	12.14	11.81	24.26	18.91	5.84	3.33	3.18 AMP
				323.98	167.89	243.48	43.24	268.12	324.29	358.38	98.63 PHASE
482	26.42	85.76	658	35.75	15.51	17.41	38.42	11.75	4.81	2.16	4.88 AMP
				332.96	164.92	244.79	38.53	238.83	383.29	353.42	98.16 PHASE
483	26.66	96.88	658	41.75	18.26	21.82	31.21	11.58	4.88	2.18	3.54 AMP
				335.32	162.72	242.83	38.43	222.56	312.84	8.18	75.84 PHASE

TABLE VII.- Continued

(g) Continued

TORSION 36 PERCENT RADIUS												
RUN NO 15												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
385	9.27	13.69	649	8.68	2.48	.65	2.24	2.32	.51	.71	.15	AMP
				322.67	185.58	327.28	224.88	292.73	4.94	213.72	279.98	PHASE
386	7.27	14.14	658	9.87	2.29	.81	2.45	2.35	.58	.69	.18	AMP
				329.76	188.82	321.29	229.43	381.88	8.58	281.73	334.83	PHASE
387	5.13	13.81	658	9.63	2.23	.74	2.48	2.31	.37	.72	.16	AMP
				338.76	111.77	312.98	233.84	387.51	48.37	226.23	39.22	PHASE
388	2.99	14.58	658	18.78	2.18	.74	2.24	2.26	.28	.52	.26	AMP
				341.18	94.18	328.66	217.49	289.35	353.82	213.57	356.36	PHASE
389	.71	16.17	658	12.46	2.28	.91	2.43	2.86	.78	.89	.48	AMP
				346.69	82.11	321.47	225.74	382.55	355.68	322.86	11.95	PHASE
398	-1.88	19.89	649	15.83	2.78	1.56	2.33	3.94	1.71	1.81	.69	AMP
				358.18	58.28	335.82	235.43	316.49	1.72	35.74	39.63	PHASE
391	8.34	18.92	658	7.22	1.75	1.31	2.14	1.98	.24	.57	.15	AMP
				328.76	92.89	383.12	228.63	277.52	3.96	224.71	169.29	PHASE
392	6.51	11.15	658	7.68	1.44	1.44	2.18	1.95	.39	.54	.18	AMP
				328.96	94.81	388.39	225.24	285.41	1.62	222.95	159.17	PHASE
393	4.56	11.39	658	8.87	1.21	1.54	2.18	1.99	.28	.66	.24	AMP
				335.43	95.88	294.15	225.83	286.17	17.84	234.29	153.61	PHASE
394	2.82	11.87	658	8.75	1.17	1.58	2.32	2.18	.14	.71	.15	AMP
				339.69	91.82	275.51	218.86	272.46	348.77	228.35	148.98	PHASE
395	.81	12.77	658	9.73	1.37	1.53	2.66	2.22	.21	.77	.87	AMP
				346.97	94.64	268.98	214.42	281.87	359.79	216.15	199.87	PHASE
396	-.22	13.59	649	18.46	1.58	1.52	2.88	2.37	.38	.68	.89	AMP
				358.88	96.99	253.41	214.84	283.31	349.34	219.71	175.17	PHASE
397	-1.33	14.53	651	11.42	1.82	1.51	2.97	2.48	.47	.56	.17	AMP
				352.64	96.88	253.83	214.27	287.77	349.44	224.94	162.72	PHASE
398	7.74	8.91	658	6.23	.89	1.41	1.66	1.65	.15	.45	.16	AMP
				319.28	73.85	295.88	228.87	279.44	354.61	227.88	127.93	PHASE
399	5.79	8.92	658	6.57	.61	1.57	1.81	1.88	.28	.52	.21	AMP
				326.73	74.74	286.96	212.86	268.46	338.88	217.88	92.21	PHASE
488	3.92	8.43	658	7.18	.31	1.44	1.69	1.69	.11	.68	.18	AMP
				332.88	62.27	275.22	281.88	253.54	338.16	282.64	78.59	PHASE
481	2.82	9.46	649	7.99	.27	1.67	2.88	1.88	.13	.62	.89	AMP
				343.41	185.51	276.17	219.57	278.16	389.78	225.74	187.28	PHASE
482	.88	11.39	658	9.83	.46	1.85	2.46	2.83	.12	.72	.85	AMP
				348.64	129.12	258.77	216.85	279.79	335.87	218.98	22.22	PHASE
483	-.99	12.54	658	9.72	.64	1.98	2.78	2.22	.15	.67	.86	AMP
				349.92	129.65	244.89	212.64	276.73	354.41	284.14	7.53	PHASE

TABLE VII.- Continued

(g) Continued

FLAPWISE 51 PERCENT RADIUS											
RUN NO		15									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
385	28.18	28.77	649	13.99	8.66	5.39	1.19	2.88	1.56	3.48	3.26 AMP
				124.87	312.58	3.51	348.98	241.85	153.38	22.23	214.91 PHASE
386	28.88	31.23	658	16.81	18.11	6.42	1.48	2.95	1.36	3.33	3.19 AMP
				127.85	312.63	8.77	339.13	248.81	151.88	17.46	226.83 PHASE
387	21.39	33.93	658	18.81	12.88	7.49	1.71	2.96	1.86	2.96	3.87 AMP
				131.16	316.68	22.54	347.81	256.48	163.79	33.61	238.26 PHASE
388	21.82	35.87	658	19.48	13.71	8.32	1.87	3.83	.88	2.52	2.98 AMP
				128.23	387.98	4.88	324.43	234.28	139.87	6.87	283.67 PHASE
389	22.29	37.82	658	28.59	15.67	9.45	1.94	3.28	.61	1.78	2.47 AMP
				128.35	387.98	4.88	321.77	237.88	138.88	351.23	289.99 PHASE
398	22.64	39.63	649	21.22	17.94	18.78	2.22	3.86	.42	1.97	2.18 AMP
				127.34	386.95	356.79	387.88	236.94	173.58	386.88	288.45 PHASE
391	21.37	21.39	658	11.58	7.85	3.28	1.84	2.89	1.38	2.41	1.22 AMP
				122.92	328.61	2.33	334.56	239.23	134.76	43.17	218.17 PHASE
392	22.86	23.89	658	13.23	9.36	4.71	1.33	2.28	1.44	2.24	.98 AMP
				125.67	322.69	8.84	329.44	237.78	138.17	37.14	212.55 PHASE
393	22.72	26.86	658	14.95	18.92	5.98	1.54	2.26	1.15	2.89	1.86 AMP
				127.38	321.19	15.88	332.34	236.44	137.45	38.83	228.66 PHASE
394	23.36	29.44	658	16.68	12.28	7.31	1.78	2.33	.88	1.83	1.29 AMP
				126.48	312.84	8.81	319.28	228.17	121.27	18.75	191.23 PHASE
395	24.17	32.67	658	18.82	13.82	8.93	1.83	2.56	1.83	1.56	1.17 AMP
				125.69	318.97	12.34	319.38	218.51	114.32	25.29	167.21 PHASE
396	24.48	35.88	649	19.79	14.57	9.95	1.86	2.67	1.18	1.88	1.27 AMP
				125.67	389.28	11.48	319.82	217.93	116.83	31.55	155.13 PHASE
397	24.71	36.27	651	28.71	15.42	18.54	1.83	2.78	1.87	.73	1.22 AMP
				125.33	388.84	9.67	328.41	216.14	116.52	31.55	148.57 PHASE
398	22.96	16.49	658	8.97	6.55	2.44	1.88	1.38	.74	1.48	.68 AMP
				121.33	332.87	347.28	313.82	247.83	156.98	61.18	224.48 PHASE
399	23.57	18.93	658	18.94	8.18	3.57	1.17	1.59	.87	1.58	.74 AMP
				123.67	323.57	358.93	387.39	233.85	141.96	39.43	288.45 PHASE
488	24.51	28.69	658	12.37	8.68	5.28	1.22	1.58	.88	1.68	.95 AMP
				121.98	313.99	356.39	298.43	215.15	125.66	11.96	171.99 PHASE
481	25.85	24.78	649	14.59	18.66	6.71	1.22	1.78	.71	1.28	.73 AMP
				128.16	328.39	17.42	314.42	234.88	144.83	41.59	199.48 PHASE
482	25.78	28.57	658	16.58	12.81	8.44	1.22	1.95	.72	1.21	1.86 AMP
				127.58	316.48	28.84	313.44	231.23	129.99	23.21	173.18 PHASE
483	26.13	38.32	658	17.75	12.82	9.61	1.16	2.81	.65	1.86	1.16 AMP
				126.26	311.53	16.36	311.28	223.28	119.84	8.62	151.78 PHASE

CHORDWISE 51 PERCENT RADIUS											
RUN NO		15									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
385	27.73	63.87	649	21.73	5.57	4.44	18.84	15.46	7.68	5.18	3.52 AMP
				277.92	135.83	276.64	38.58	325.22	37.15	8.51	151.97 PHASE
386	26.82	69.29	658	27.85	7.26	7.44	22.17	17.68	6.84	4.92	3.52 AMP
				298.88	136.76	284.69	43.28	388.97	229.32	29.64	139.88 PHASE
387	24.88	76.53	658	35.71	11.21	9.98	26.17	28.21	9.97	5.86	6.89 AMP
				383.54	144.58	386.87	47.56	313.81	316.19	76.17	156.49 PHASE
388	21.34	97.72	658	42.64	14.44	13.13	28.85	24.48	7.76	5.23	5.86 AMP
				389.23	136.55	292.48	38.48	298.41	7.19	71.34	115.48 PHASE
389	19.65	184.93	658	49.96	19.98	17.78	31.88	26.85	11.78	7.11	6.32 AMP
				319.61	143.22	288.85	25.73	383.24	118.23	113.58	114.84 PHASE
398	18.76	114.84	649	55.54	26.15	24.21	31.89	29.21	23.12	8.75	5.13 AMP
				328.85	147.78	281.17	8.61	295.12	155.21	122.57	188.99 PHASE
391	25.59	49.63	658	14.44	4.82	2.29	17.11	12.58	7.24	5.78	2.83 AMP
				279.89	167.91	258.44	47.61	329.16	323.81	354.81	115.46 PHASE
392	25.25	56.68	658	19.48	5.99	4.83	18.94	14.84	11.68	6.26	4.28 AMP
				293.88	168.41	271.44	46.15	385.35	268.23	4.64	184.22 PHASE
393	25.19	67.98	658	26.39	9.37	6.17	23.62	18.67	15.87	6.64	4.81 AMP
				384.22	156.71	288.35	41.99	388.64	383.16	16.89	115.88 PHASE
394	24.46	77.97	658	32.98	11.96	9.24	29.38	19.23	18.28	6.92	5.82 AMP
				389.94	152.43	273.91	28.88	279.52	388.57	.64	92.71 PHASE
395	23.64	93.52	658	42.22	16.82	15.33	35.88	16.82	5.36	4.76	6.83 AMP
				318.64	155.55	277.78	29.88	281.55	389.63	18.99	98.68 PHASE
396	22.39	95.18	649	46.92	18.83	19.89	36.67	17.29	3.85	4.14	6.59 AMP
				322.88	156.99	278.47	28.61	287.87	319.88	43.49	93.31 PHASE
397	21.67	98.97	651	51.23	28.84	22.12	37.53	16.68	1.43	2.55	6.87 AMP
				326.86	158.99	277.85	24.86	298.89	73.19	43.48	84.87 PHASE
398	25.15	49.48	658	18.11	4.59	2.87	14.47	9.43	9.54	5.39	1.76 AMP
				271.16	218.38	161.45	53.62	323.42	389.36	338.83	189.86 PHASE
399	25.17	53.54	658	13.85	5.67	2.83	19.82	18.68	14.27	6.82	3.48 AMP
				298.42	282.22	244.44	46.72	274.11	272.78	337.61	91.89 PHASE
488	24.61	54.75	658	18.44	7.59	4.39	21.71	13.82	15.79	6.52	3.88 AMP
				383.66	176.93	246.86	25.86	256.24	283.18	321.35	77.87 PHASE
481	25.25	68.71	649	26.18	11.21	8.48	29.17	13.84	7.58	4.58	4.79 AMP
				322.89	179.17	264.35	44.17	265.97	328.97	323.28	189.25 PHASE
482	25.35	87.98	658	34.88	14.27	13.74	36.37	14.12	6.59	3.12	5.95 AMP
				323.73	174.91	264.29	39.67	237.59	295.63	349.47	183.32 PHASE
483	24.95	181.23	658	48.83	16.65	17.59	37.87	13.71	6.28	2.41	5.81 AMP
				338.19	171.41	268.92	31.81	228.31	381.81	356.58	89.81 PHASE

TABLE VII.- Continued

(g) Continued

TORSION 50 PERCENT RADIUS												
RUN NO 15												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
385	5.8 8	11.44	649	7.28 331.86	1.86 128.54	.43 358.82	1.82 255.34	1.93 317.82	.58 52.91	.56 283.19	.88 238.88	AMP PHASE
386	4.8 3	11.42	658	7.68 338.13	1.77 126.35	.49 336.85	1.95 258.46	1.99 324.73	.64 54.68	.51 271.83	.82 47.24	AMP PHASE
387	2.1 8	11.35	658	8.86 346.98	1.69 132.68	.48 328.29	1.93 262.82	1.93 331.18	.48 88.47	.64 286.94	.64 135.18	AMP PHASE
388	.17	12.18	658	9.95 349.77	1.52 116.29	.36 345.18	1.77 245.93	1.84 313.84	1.84 58.74	1.84 277.11	.19 71.96	AMP PHASE
389	-1.87	13.24	658	18.38 353.48	1.48 98.41	.35 3.19	1.85 254.35	2.25 327.88	.72 48.85	.28 335.65	.26 76.39	AMP PHASE
398	-4.19	15.74	649	12.37 355.31	1.87 64.98	.88 23.53	1.61 269.28	3.83 341.78	1.63 39.83	.75 75.84	.49 94.46	AMP PHASE
391	5.8 4	9.51	658	6.28 331.49	1.39 118.22	.79 328.47	1.69 252.13	1.65 383.98	.31 64.82	.43 288.11	.17 211.98	AMP PHASE
392	3.44	9.48	658	6.65 339.28	1.14 116.34	.84 322.61	1.72 256.38	1.71 311.84	.45 57.49	.42 283.92	.12 221.45	AMP PHASE
393	1.74	9.81	658	7.86 346.21	.93 123.68	.87 313.72	1.73 256.79	1.78 311.37	.36 75.38	.56 298.68	.19 281.49	AMP PHASE
394	.13	18.37	658	7.63 348.88	.87 123.89	.81 291.91	1.81 248.99	1.88 296.66	.22 56.39	.63 273.75	.14 191.55	AMP PHASE
395	-1.76	11.88	658	8.42 355.29	1.81 124.38	.81 278.16	2.87 242.63	1.93 384.47	.34 56.47	.66 263.77	.13 261.94	AMP PHASE
396	-2.69	12.82	649	8.98 357.66	1.18 123.75	.79 254.41	2.25 242.57	2.86 386.98	.39 49.27	.55 262.68	.14 243.88	AMP PHASE
397	-3.78	12.62	651	9.64 359.34	1.32 117.18	.77 247.88	2.38 242.13	2.83 318.12	.51 39.86	.48 262.74	.28 239.36	AMP PHASE
398	4.44	7.67	658	5.65 331.93	.77 95.95	.88 321.79	1.34 251.68	1.38 387.41	.22 56.42	.38 293.14	.15 172.25	AMP PHASE
399	2.88	7.81	658	5.99 338.38	.53 185.89	.89 388.88	1.46 243.39	1.54 295.85	.28 42.98	.41 274.19	.28 134.68	AMP PHASE
488	1.22	7.92	658	6.42 342.38	.27 128.85	.79 294.92	1.38 232.85	1.41 281.18	.28 58.89	.54 257.99	.19 184.83	AMP PHASE
481	-.58	8.88	649	7.15 352.84	.35 172.13	.93 291.44	1.63 249.79	1.68 384.23	.14 37.73	.56 278.62	.83 148.88	AMP PHASE
482	-2.38	18.81	658	7.89 357.48	.88 175.88	1.87 266.88	1.97 244.76	1.81 385.43	.24 52.95	.64 254.84	.83 337.88	AMP PHASE
483	-3.38	18.93	658	8.42 358.24	.63 168.88	1.18 249.68	2.16 238.69	2.88 382.85	.32 58.86	.61 245.38	.82 313.16	AMP PHASE

TABLE VII.- Continued

(g) Continued

FLAPWISE 77 PERCENT RADIUS											
RUN NO 15											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
385	-5.15	34.78	649	22.25	9.28	6.21	4.23	5.18	2.24	3.38	3.84 AMP
				134.51	332.31	324.68	137.74	239.72	356.21	221.74	22.74 PHASE
386	-3.84	38.48	658	23.74	18.48	6.94	4.49	5.68	2.12	3.13	3.65 AMP
				138.17	332.72	331.82	138.57	246.28	356.18	212.65	34.68 PHASE
387	-2.49	41.18	658	25.36	12.89	7.43	4.65	6.28	1.64	2.95	3.55 AMP
				142.72	335.75	344.84	143.18	258.99	1.72	2.99	48.51 PHASE
388	-1.88	44.19	658	26.68	13.37	8.27	4.78	5.86	1.72	2.63	3.49 AMP
				141.38	325.98	338.21	125.56	239.84	317.98	218.55	11.52 PHASE
389	.22	48.81	658	27.98	14.88	9.37	5.88	6.56	2.18	1.28	3.18 AMP
				144.18	325.87	331.77	127.58	245.97	312.15	217.11	17.85 PHASE
398	1.28	51.79	649	28.49	15.98	15.77	4.72	7.86	2.64	.72	2.79 AMP
				146.13	324.17	328.33	117.59	258.49	318.89	184.63	15.82 PHASE
391	-3.86	38.19	658	28.38	8.58	4.68	3.34	6.87	.48	2.91	1.24 AMP
				137.84	341.36	385.25	158.42	228.57	324.86	227.84	34.72 PHASE
392	-2.48	33.29	658	21.49	9.77	5.41	3.55	7.25	.88	2.78	.96 AMP
				139.76	337.17	315.81	156.71	232.36	327.83	228.95	25.78 PHASE
393	-1.15	37.93	658	22.84	11.19	5.89	4.86	7.36	.59	2.47	1.12 AMP
				142.28	335.78	322.22	152.58	237.22	312.12	228.54	34.37 PHASE
394	.17	48.68	658	24.12	12.36	6.73	4.16	7.59	2.28	2.86	1.54 AMP
				148.89	327.51	328.25	135.46	224.79	288.48	282.91	5.33 PHASE
395	1.54	44.64	658	25.78	14.86	7.86	4.41	7.76	1.35	1.81	1.51 AMP
				142.97	325.23	326.43	133.67	228.88	282.78	215.49	338.13 PHASE
396	2.25	47.58	649	26.51	14.98	8.67	4.34	8.18	1.37	1.18	1.79 AMP
				143.62	323.68	327.79	129.26	229.11	285.14	233.56	324.28 PHASE
397	2.84	49.18	651	27.52	15.79	9.22	4.46	7.89	1.61	.97	1.87 AMP
				144.16	322.27	326.54	123.98	228.75	288.65	251.74	316.87 PHASE
398	-1.79	26.26	658	18.88	7.86	3.97	2.44	6.55	1.88	1.95	.62 AMP
				138.54	351.42	297.18	182.54	229.34	111.84	233.22	58.84 PHASE
399	-.58	29.84	658	28.28	8.31	4.24	3.24	7.74	.13	1.96	.62 AMP
				138.95	342.35	382.52	163.61	216.85	282.91	218.54	25.82 PHASE
400	1.88	31.11	658	28.95	3.83	4.84	3.63	7.12	.11	2.86	2.85 AMP
				137.69	332.68	384.92	142.24	281.98	151.35	181.84	347.98 PHASE
401	2.21	36.81	649	22.95	18.61	7.66	4.48	7.66	.32	1.64	.73 AMP
				144.84	333.67	338.42	156.89	224.18	275.68	212.83	16.13 PHASE
402	3.64	39.75	658	24.36	11.98	6.68	5.81	8.82	.51	1.39	1.23 AMP
				144.29	333.22	337.39	146.49	228.31	291.79	192.21	345.88 PHASE
403	4.49	41.44	658	25.24	12.78	7.21	5.18	8.28	.64	1.11	1.86 AMP
				143.89	327.47	338.88	134.81	213.24	286.89	174.96	323.62 PHASE

CHORDWISE 77 PERCENT RADIUS

RUN NO 15											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
385	11.37	27.59	649	6.37	3.57	4.34	7.58	7.89	4.17	1.65	2.82 AMP
				174.61	313.95	322.56	52.63	284.74	17.11	298.24	55.25 PHASE
386	12.27	34.68	658	5.76	4.85	5.62	9.88	18.19	2.66	.99	2.48 AMP
				189.63	316.98	327.28	54.85	277.36	253.68	326.51	62.44 PHASE
387	13.18	36.79	658	4.99	4.35	7.26	18.86	11.99	5.61	.86	2.95 AMP
				214.32	328.68	342.85	58.22	283.82	314.56	68.43	97.26 PHASE
388	13.81	38.52	658	4.64	4.87	9.19	12.13	12.86	4.49	.69	2.92 AMP
				233.81	316.71	325.97	41.39	269.49	333.89	91.86	54.86 PHASE
389	14.55	47.53	658	4.67	4.79	11.58	12.86	14.12	2.17	2.21	2.84 AMP
				261.16	313.87	323.24	37.51	273.21	88.36	124.82	64.38 PHASE
398	15.72	52.68	649	5.84	4.67	14.25	12.62	17.35	6.71	3.62	2.37 AMP
				281.38	384.21	313.54	28.24	269.82	165.18	122.77	57.86 PHASE
391	9.83	23.96	658	6.31	3.16	2.47	6.32	7.16	3.12	2.26	1.47 AMP
				165.39	316.62	311.37	56.58	271.26	311.18	385.82	73.76 PHASE
392	18.34	29.48	658	5.47	3.74	3.89	7.16	9.64	5.22	1.88	2.25 AMP
				176.22	317.75	319.38	54.18	263.97	263.28	321.58	83.13 PHASE
393	12.37	34.87	658	4.36	3.94	4.89	9.89	11.52	7.13	1.95	2.68 AMP
				195.64	318.22	328.79	58.98	265.78	294.68	341.58	93.24 PHASE
394	13.72	35.47	658	3.57	4.34	6.62	11.47	12.25	5.89	2.12	2.71 AMP
				213.19	389.86	322.58	35.86	247.28	287.47	328.38	66.16 PHASE
395	14.93	39.16	658	3.43	4.93	9.44	14.84	11.66	3.67	1.31	2.98 AMP
				253.58	383.94	322.85	37.83	245.53	288.89	338.39	67.11 PHASE
396	15.43	48.52	649	3.69	5.27	11.31	14.94	11.72	2.79	.81	2.32 AMP
				278.39	388.65	321.85	35.23	247.48	287.23	.56	65.92 PHASE
397	16.15	42.14	651	3.67	5.56	12.54	15.41	18.88	1.54	.67	2.24 AMP
				288.82	293.28	316.33	38.49	252.32	283.83	326.38	54.13 PHASE
398	12.12	28.26	658	6.69	2.93	1.25	4.96	6.76	3.92	2.55	1.88 AMP
				168.61	388.79	298.42	54.63	265.21	298.48	385.83	83.54 PHASE
399	11.27	38.72	658	5.86	3.69	2.52	6.72	9.43	6.28	2.47	1.89 AMP
				164.46	386.25	389.88	58.89	238.21	262.63	385.87	73.84 PHASE
400	18.98	38.95	658	4.58	3.52	3.79	7.98	18.11	6.84	2.25	2.83 AMP
				178.23	382.52	388.38	33.98	225.11	272.64	298.17	49.54 PHASE
401	12.57	33.46	649	2.76	4.88	5.33	18.81	18.84	3.72	1.65	2.34 AMP
				198.86	386.98	327.58	52.36	238.21	384.45	316.43	93.67 PHASE
402	14.72	48.58	658	1.66	4.78	7.38	13.93	12.88	3.78	.91	2.58 AMP
				242.51	381.56	326.72	47.85	223.13	282.67	382.64	79.66 PHASE
403	15.92	44.86	658	1.93	5.12	8.76	15.82	12.35	3.88	.54	1.92 AMP
				275.21	293.78	322.85	48.41	218.41	282.93	388.48	57.56 PHASE



TABLE VII.- Concluded

(g) Concluded

TORSION 75 PERCENT RADIUS												
RUN NO		15										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
385	1.89	8.16	649	4.55	2.92	.28	.93	1.21	.15	.62	.14	AMP
				316.98	115.88	156.29	291.18	314.62	146.58	45.98	91.63	PHASE
386	.36	8.34	658	4.71	2.92	.34	.96	1.38	.16	.58	.84	AMP
				326.29	124.71	184.24	294.53	318.18	121.28	47.42	55.12	PHASE
387	-1.24	8.82	658	4.93	2.11	.49	.97	1.28	.16	.44	.85	AMP
				338.21	135.55	202.89	297.38	324.57	132.38	66.85	359.81	PHASE
388	-2.73	9.25	658	5.36	2.89	.48	.92	1.13	.16	.46	.89	AMP
				344.28	132.43	183.14	282.86	299.47	73.18	19.89	2.16	PHASE
389	-4.19	10.18	658	6.13	1.95	.45	.95	1.25	.42	.39	.88	AMP
				351.49	137.22	168.39	295.81	308.21	49.17	33.78	357.46	PHASE
398	-5.74	11.14	649	7.32	1.51	.55	.92	1.47	.78	.45	.14	AMP
				354.63	138.88	97.31	326.86	321.18	42.44	28.98	382.35	PHASE
391	1.62	6.73	658	3.93	1.51	.12	.85	1.12	.14	.47	.17	AMP
				315.44	121.18	137.92	291.84	308.57	183.23	58.47	359.16	PHASE
392	.17	7.13	658	4.86	1.41	.16	.92	1.15	.18	.48	.27	AMP
				326.83	129.58	188.14	298.17	312.32	138.56	56.72	346.67	PHASE
393	-1.38	8.87	658	4.34	1.44	.23	1.01	1.07	.18	.42	.32	AMP
				336.88	140.33	197.47	299.29	318.82	133.97	57.64	351.86	PHASE
394	-2.67	8.51	658	4.72	1.53	.41	1.02	1.18	.15	.38	.38	AMP
				342.56	148.18	183.48	282.68	289.38	184.18	27.16	328.87	PHASE
395	-4.25	9.96	658	5.28	1.74	.67	1.18	1.25	.32	.35	.41	AMP
				351.36	142.64	182.87	277.88	292.78	72.72	45.84	312.88	PHASE
396	-5.83	10.68	649	5.68	1.83	.81	1.12	1.33	.35	.38	.42	AMP
				354.78	143.72	178.38	271.42	294.85	64.68	55.14	318.18	PHASE
397	-5.88	10.92	651	6.12	1.94	.88	1.07	1.33	.38	.47	.43	AMP
				357.27	142.81	178.93	269.84	292.49	59.28	68.32	314.87	PHASE
398	1.37	5.44	658	3.52	.87	.13	.74	.98	.86	.36	.17	AMP
				314.49	126.49	148.87	294.45	308.94	198.31	51.94	351.44	PHASE
399	-.11	5.82	658	3.54	.88	.28	.86	.95	.88	.38	.19	AMP
				325.73	139.99	193.95	286.74	299.78	184.23	38.47	315.32	PHASE
400	-1.53	5.94	658	3.83	.98	.24	.88	.77	.14	.26	.14	AMP
				333.55	150.56	188.85	276.49	283.44	182.12	353.44	299.33	PHASE
401	-3.84	7.38	649	4.38	1.12	.45	1.02	.93	.13	.22	.27	AMP
				347.57	167.35	205.35	288.85	308.87	73.65	21.84	314.13	PHASE
402	-4.58	8.66	658	4.92	1.34	.79	1.19	1.14	.38	.11	.33	AMP
				354.65	166.78	198.88	274.57	297.93	58.99	32.58	289.88	PHASE
403	-5.45	9.28	658	5.33	1.51	.99	1.26	1.29	.48	.89	.38	AMP
				356.26	161.85	192.87	262.64	293.28	46.65	35.63	276.58	PHASE

PITCH LINK

PITCH LINK												
RUN NO		15										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
385	-4.79	12.88	649	5.92	1.28	1.29	2.35	2.71	.98	1.51	.78	AMP
				168.85	328.78	156.68	73.37	168.98	199.71	36.97	158.84	PHASE
386	-3.29	13.16	658	5.96	1.87	1.77	2.57	2.76	.88	1.51	.48	AMP
				175.88	337.56	158.97	79.88	178.29	281.88	28.64	172.33	PHASE
387	-1.75	14.83	658	6.38	1.83	1.98	2.47	2.85	.41	1.38	.45	AMP
				186.19	1.95	162.86	83.66	179.48	223.96	46.88	188.98	PHASE
388	-.89	15.78	658	7.38	.68	2.39	2.32	3.81	.52	1.14	.58	AMP
				187.77	356.12	159.88	59.72	157.48	179.45	16.42	188.88	PHASE
389	1.71	16.58	658	8.93	.34	2.98	2.83	3.98	.82	.43	.56	AMP
				192.63	4.43	168.17	64.52	166.12	197.88	335.34	228.75	PHASE
398	3.84	21.76	649	11.37	.58	3.98	3.32	5.14	1.82	1.55	.94	AMP
				196.29	176.22	168.99	64.69	174.18	216.69	266.83	255.55	PHASE
391	-3.78	9.69	658	3.24	.44	2.39	1.97	2.33	.68	1.31	.21	AMP
				164.24	9.35	145.84	63.68	154.86	174.86	52.72	78.36	PHASE
392	-2.39	10.97	658	3.61	.55	2.78	2.85	2.53	.98	1.16	.27	AMP
				176.45	54.52	146.94	67.28	159.98	173.91	47.79	37.43	PHASE
393	-1.11	12.43	658	4.86	.91	2.97	2.81	2.71	.63	1.15	.45	AMP
				187.73	72.92	147.11	66.66	161.62	166.68	52.18	46.72	PHASE
394	.13	14.59	658	4.78	1.12	3.18	2.26	2.98	.71	1.82	.37	AMP
				192.48	71.62	136.64	58.58	146.38	144.21	38.67	23.73	PHASE
395	1.62	15.38	658	5.85	1.19	3.14	2.71	3.16	.67	1.83	.37	AMP
				201.26	66.84	133.97	55.93	153.37	144.87	45.36	341.72	PHASE
396	2.41	15.87	649	6.68	1.13	3.88	3.85	3.42	.82	1.78	.39	AMP
				203.72	63.71	129.96	56.98	154.48	158.23	46.54	355.41	PHASE
397	3.33	16.74	651	7.76	1.87	3.26	3.23	3.54	.89	.78	.33	AMP
				204.75	59.27	138.35	54.38	154.92	166.83	54.53	325.72	PHASE
398	-2.76	7.98	658	1.75	1.82	2.72	1.45	2.89	.47	1.84	.25	AMP
				152.83	88.38	143.23	55.18	155.45	174.99	55.98	11.86	PHASE
399	-1.53	9.86	658	2.87	1.39	2.93	1.57	2.48	.51	.97	.28	AMP
				173.73	82.14	138.84	48.82	144.98	159.42	39.89	8.34	PHASE
400	-.12	9.62	658	2.89	1.59	2.87	1.57	2.63	.52	.94	.31	AMP
				198.82	76.28	127.86	39.63	129.47	141.67	8.18	18.49	PHASE
401	1.89	12.67	649	3.55	1.94	3.28	1.77	2.98	.49	.92	.33	AMP
				208.81	85.88	139.29	57.69	153.16	158.82	39.49	353.88	PHASE
402	2.58	12.43	658	5.81	1.87	3.12	2.25	3.82	.43	.85	.27	AMP
				205.98	79.96	127.72	61.47	153.87	158.93	33.31	388.33	PHASE
403	3.37	13.39	658	5.98	1.89	3.18	2.55	3.19	.37	.75	.14	AMP
				206.25	75.63	113.94	68.32	149.51	144.35	8.85	281.63	PHASE

TABLE VIII.- ROTOR PERFORMANCE AND BLADE LOADS DATA FOR BASELINE
BLADE WITH SWEPT TIP AND 0° TABS

(a) $\mu = 0.20$; $M_T = 0.65$

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CQ/SIGMA
440	.1	.0	-.0	.01223	.00117	.00117
441	-.6	.9	2.0	.02776	.00112	.00120
442	-1.3	2.1	4.0	.04159	.00072	.00140
443	-1.7	2.9	5.8	.05362	.00032	.00168
444	-1.7	4.1	7.9	.06837	-.00018	.00220
445	-2.0	3.9	10.2	.08693	.00083	.00274
446	-2.5	4.6	12.0	.10006	.00061	.00352
447	-3.1	5.4	13.9	.11374	.00008	.00456
448	-3.3	5.5	15.2	.12232	.00067	.00527
449	-3.8	6.2	15.9	.12547	-.00053	.00580
450	-.1	.5	.1	.02704	.00459	.00080
451	-.7	1.6	2.0	.04144	.00568	.00074
452	-1.3	2.2	3.9	.05583	.00685	.00079
453	-1.6	2.8	5.9	.07021	.00811	.00095
454	-1.9	3.3	7.9	.08545	.00953	.00128
455	-2.2	3.8	10.0	.10048	.01099	.00179
456	-2.8	4.3	11.8	.11309	.01190	.00243
457	-3.6	5.8	13.8	.12513	.01106	.00377
458	-3.8	6.1	14.9	.13178	.01188	.00441
459	-.4	.9	2.0	.01440	-.00011	.00149
460	-1.1	1.7	3.9	.02741	-.00155	.00177
461	-1.5	2.5	6.1	.04433	-.00314	.00226
462	-1.7	3.8	7.9	.05461	-.00473	.00289
463	-1.9	3.9	9.9	.07115	-.00575	.00356
464	-2.3	4.4	12.0	.08594	-.00694	.00440
465	-2.9	5.0	13.8	.09854	-.00825	.00533
466	-3.5	5.9	15.7	.11171	-.01013	.00656
467	-3.5	5.9	17.0	.11854	-.01004	.00727
468	-.7	1.6	4.0	.01339	-.00135	.00164
469	-1.1	2.5	5.9	.02661	-.00403	.00228
470	-1.5	2.9	8.0	.04179	-.00669	.00309
471	-2.0	3.7	10.0	.05614	-.00966	.00398
472	-2.5	4.4	12.0	.07049	-.01237	.00500
473	-2.8	4.9	13.8	.08398	-.01463	.00602
474	-3.4	5.7	16.1	.09824	-.01804	.00740
475	-3.6	6.1	18.0	.11158	-.01959	.00876
476	-3.9	6.2	18.6	.11657	-.02043	.00943



TABLE VIII.- Continued

(a) Continued

FLAPWISE 25 PERCENT RADIUS												
RUN NO 16												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
44#	42.35	13.##	6#8	4.57	3.63	4.43	.68	3.2#	.36	.78	1.3#	AMP
441	44.28	11.66	6#8	166.93	28#.79	71.52	287.2#	1#7.28	253.12	19#.62	349.51	PHASE
442	46.##	11.55	6#8	4.71	3.26	3.86	1.1#	2.67	.43	.55	1.9#	AMP
443	47.39	1#.#6	6#8	162.3#	276.84	54.22	262.75	88.97	276.44	192.85	3#6.87	PHASE
444	49.17	9.47	6#8	4.93	2.86	3.3#	1.38	2.87	.33	.33	.89	AMP
445	51.25	7.33	6#8	157.46	275.28	37.##	26#.#2	87.##	259.7#	2#1.88	3##.72	PHASE
446	52.69	9.94	6#7	4.57	2.4#	2.99	1.66	2.51	.51	.27	1.89	AMP
447	54.24	13.99	6#8	16#.#2	285.86	33.99	262.31	1#7.52	279.75	256.74	321.25	PHASE
448	55.33	16.27	6#8	4.15	2.##	2.97	2.25	1.89	.71	.47	1.24	AMP
449	55.72	16.67	6#8	159.19	3#1.97	17.55	259.5#	129.##	274.33	272.4#	343.52	PHASE
45#	43.2#	11.83	6#8	2.55	1.91	2.51	2.65	1.26	.51	.18	.93	AMP
451	44.89	11.69	6#8	147.##	3#2.11	352.49	232.21	96.21	231.63	324.83	335.14	PHASE
452	46.41	11.39	6#8	1.67	1.97	2.32	3.18	1.72	.59	.29	.89	AMP
453	47.94	1#.#8	6#8	119.84	336.92	35#.#1	254.##	148.54	239.26	216.32	92.18	PHASE
454	49.67	9.42	6#9	2.##	2.5#	2.5#	4.19	2.13	.88	.56	1.73	AMP
455	51.32	11.78	6#8	64.12	347.74	3#9.82	23#.#9	149.52	196.13	168.##	53.3#	PHASE
456	52.81	16.15	6#7	3.27	2.92	2.9#	4.81	2.42	1.31	.81	2.11	AMP
457	54.5#	18.95	6#9	4#.#1	356.31	292.47	234.67	177.34	1#7.88	173.76	76.##	PHASE
458	55.1#	2#.#2	6#8	3.93	3.56	3.##	4.95	2.23	.71	.26	2.33	AMP
459	43.14	11.76	6#8	4#.#6	4.46	283.84	229.48	173.##	19#.#4	175.28	44.71	PHASE
46#	44.88	11.79	6#8	5.38	3.8#	3.76	2.##	2.71	.55	.81	.61	AMP
461	46.88	11.92	6#8	164.56	292.24	88.45	98.##	1#3.29	3#2.6#	235.76	176.31	PHASE
462	48.3#	12.79	6#8	5.59	3.66	3.31	.11	2.31	.49	.57	.36	AMP
463	5#.#7	12.56	6#8	161.38	285.11	76.27	233.1#	95.71	292.88	235.5#	342.45	PHASE
464	51.97	13.99	61#	5.27	3.45	3.1#	.46	2.36	.41	.16	.93	AMP
465	53.61	14.79	6#8	161.23	283.4#	63.76	232.78	94.56	291.35	284.55	358.77	PHASE
466	55.4#	15.37	6#8	4.7#	3.##	2.91	5#	2.45	.89	1.38	1.38	AMP
467	56.39	16.26	6#8	16#.#2	28#.#7	58.6#	213.##	8#.#5	271.39	162.4#	7.97	PHASE
468	44.##	8.45	6#8	3.86	2.74	2.4#	1.29	1.86	.52	.52	1.27	AMP
469	45.84	9.25	6#8	159.38	286.39	6#.#2	223.42	125.46	184.81	156.47	51.1#	PHASE
47#	47.73	9.3#	6#8	2.58	2.32	1.36	2.47	2.##	1.##	.98	1.44	AMP
471	49.5#	8.35	6#8	148.75	295.57	59.19	236.77	171.82	189.8#	179.87	123.85	PHASE
472	51.55	9.65	6#8	1.84	2.##	.37	3.57	2.42	1.83	1.51	1.96	AMP
473	53.3#	1#.#7	6#8	114.49	3#3.56	359.43	234.72	184.34	168.68	17#.#9	125.28	PHASE
474	55.35	11.89	6#8	2.35	2.52	1.95	4.98	3.33	2.34	1.25	2.24	AMP
475	57.15	13.79	6#7	65.57	328.28	268.58	24#.#3	2#5.34	176.31	198.1#	137.17	PHASE
476	58.##	15.44	6#8	3.41	3.1#	3.21	5.3#	3.81	2.73	.71	1.98	AMP
				5#.#2	337.61	261.36	244.82	2#4.96	179.83	184.27	78.24	PHASE
				4.##	2.53	4.14	1.52	3.9#	.79	1.3#	.68	AMP
				161.7#	284.15	51.2#	289.65	118.92	325.88	241.99	59.61	PHASE
				4.2#	2.24	3.93	1.83	3.86	.95	1.27	1.72	AMP
				153.52	28#.#2	25.93	263.36	85.##	297.##	283.2#	14.4#	PHASE
				4.19	1.91	3.68	2.17	3.41	1.23	1.##	2.43	AMP
				155.62	286.96	1#.#3	252.75	75.72	28#.#9	199.56	1#.#4	PHASE
				4.23	1.37	3.43	2.33	3.16	1.66	.85	2.86	AMP
				152.91	3#7.53	359.25	249.51	63.63	273.52	189.8#	.96	PHASE
				3.17	1.19	3.5#	2.78	2.61	1.98	.63	3.45	AMP
				153.##	34#.#2	.56	25#.#9	48.12	282.94	213.35	8.37	PHASE
				2.13	1.44	3.25	3.3#	3.33	2.33	.16	3.83	AMP
				127.75	2.43	329.##	226.89	1#.#4	25#.#4	169.62	32#.#4	PHASE
				1.98	2.1#	3.15	3.62	3.63	2.5#	.11	3.76	AMP
				9#.#7	24.87	326.42	237.94	3#.#8	273.8#	184.12	351.28	PHASE
				3.##	3.16	3.17	4.##	3.49	2.62	.25	4.##	AMP
				59.##	34.92	3#9.55	225.2#	21.38	258.28	133.43	342.86	PHASE
				4.4#	3.78	3.27	4.44	2.54	2.58	.12	4.2#	AMP
				42.33	3#.#21	29#.#6	2#8.##	13.63	234.86	162.19	327.19	PHASE
				3.67	1.34	2.72	.88	2.54	.62	.66	1.3#	AMP
				15#.#5	286.74	23.8#	263.37	74.14	287.94	197.2#	8.5#	PHASE
				4.##	1.22	2.88	.94	2.34	.59	.54	1.49	AMP
				147.83	296.1#	1#.#3	257.28	6#.#4	271.74	181.57	357.16	PHASE
				3.84	1.11	2.66	1.17	2.25	.81	.41	1.56	AMP
				147.3#	319.96	1.78	25#.#8	48.62	262.74	163.91	343.25	PHASE
				3.55	1.##	2.51	1.23	1.99	.88	.26	1.84	AMP
				144.55	355.21	5.99	259.11	46.3#	281.75	218.42	5.56	PHASE
				3.##	1.54	2.46	1.43	2.4#	.97	.21	2.13	AMP
				128.54	1#.#97	342.31	236.81	14.76	248.##	188.52	326.64	PHASE
				2.69	2.23	2.45	1.67	2.82	1.##	.5#	2.18	AMP
				1#5.##	21.##	321.33	229.##	8.68	24#.#73	85.14	313.18	PHASE
				3.27	3.1#	2.87	1.93	2.77	1.18	.72	2.19	AMP
				69.57	25.45	28#.#7	2#9.45	349.##	213.97	67.##	277.37	PHASE
				5.17	4.29	3.54	2.38	2.56	1.41	.76	2.59	AMP
				48.##	35.74	28#.#25	2#4.42	351.73	215.41	71.42	289.37	PHASE
				6.37	4.81	3.84	.73	2.58	1.51	1.87	2.81	AMP
				4#.#5	32.##	265.53	185.53	334.46	196.88	4#.#2	262.17	PHASE

TABLE VIII.- Continued

(a) Continued

CHORDWISE 25 PERCENT RADIUS											
RUN NO 16											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
44#	65.36	11.36	608	5.56	2.11	.73	.86	.26	2.5#	.53	.29 AMP
441	62.97	14.33	608	254.21	93.19	252.92	38.97	154.#1	241.29	295.79	349.81 PHASE
442	61.5#	21.15	608	5.64	2.1#	1.87	.54	.4#	4.#4	.33	.53 AMP
443	60.48	30.1#	608	267.59	186.77	268.23	3.37	141.14	258.08	338.65	314.1# PHASE
444	58.66	43.83	608	9.82	2.96	3.42	.87	1.42	5.76	1.37	.45 AMP
445	56.8#	60.41	608	275.91	188.84	246.41	338.31	173.16	299.26	334.46	326.23 PHASE
446	53.57	77.83	607	18.42	6.39	3.75	1.65	2.17	4.62	2.5#	.28 AMP
447	58.94	95.39	608	381.38	188.47	233.1#	313.29	255.22	357.39	2.92	342.96 PHASE
448	48.98	184.98	608	31.78	9.2#	6.32	3.88	1.95	2.79	2.78	.56 AMP
449	48.79	118.16	608	328.41	184.2#	199.87	316.22	291.24	73.37	38.87	332.15 PHASE
450	57.23	17.47	608	45.67	18.55	12.88	3.15	2.19	1.85	2.13	.73 AMP
451	55.89	21.62	608	336.39	181.13	189.88	381.65	23.36	26.44	278.2#	389.73 PHASE
452	54.53	31.95	608	58.83	18.48	15.87	4.61	2.32	2.14	3.58	.25 AMP
453	52.21	48.44	608	349.13	118.89	215.42	314.86	187.77	49.31	328.82	313.49 PHASE
454	49.63	51.32	609	72.37	9.88	17.17	7.88	1.24	1.95	3.56	.87 AMP
455	46.73	68.91	608	348.74	96.22	286.87	295.78	68.41	4.1#	288.77	314.75 PHASE
456	44.39	88.66	607	82.27	9.3#	17.58	7.54	.76	6.42	2.93	.85 AMP
457	43.92	98.82	609	356.38	184.18	214.49	385.46	5.68	358.56	279.77	244.39 PHASE
458	42.82	189.83	608	85.91	8.3#	18.13	7.45	1.15	5.39	2.27	1.81 AMP
459	56.88	15.17	608	354.55	181.85	211.33	382.76	71.85	5.54	277.7#	288.64 PHASE
460	55.94	18.54	608	8.69	2.77	2.27	1.87	1.15	1.58	1.82	.49 AMP
461	55.91	21.32	608	263.35	112.81	262.52	85.55	261.79	256.28	63.11	287.58 PHASE
462	55.76	32.73	608	12.74	3.18	4.87	1.88	1.61	2.78	.4#	.21 AMP
463	54.67	49.68	608	271.44	184.18	264.81	77.93	248.29	281.89	22.58	67.83 PHASE
464	54.87	78.26	618	19.41	5.54	4.52	.53	1.84	5.67	1.32	.45 AMP
465	54.55	83.97	608	289.53	97.54	273.42	48.64	258.79	339.77	352.65	88.14 PHASE
466	51.5#	188.6#	608	28.18	8.97	2.41	1.49	2.64	5.72	1.82	.53 AMP
467	50.41	112.79	608	388.81	99.87	234.58	322.58	283.67	24.35	28.68	26.29 PHASE
468	55.89	12.77	608	39.88	11.36	5.55	2.28	2.34	3.68	1.68	.81 AMP
469	56.88	12.36	608	327.58	118.44	282.68	341.64	343.85	36.33	188.31	53.28 PHASE
470	56.72	28.36	608	53.56	12.26	18.58	3.14	2.18	3.24	1.68	.49 AMP
471	57.18	36.73	608	342.72	114.84	218.32	322.75	73.99	73.58	276.58	86.21 PHASE
472	57.84	53.68	608	64.12	12.91	13.84	4.68	2.87	1.56	2.73	.42 AMP
473	55.95	72.88	608	347.61	189.73	219.89	311.34	119.19	275.97	249.21	134.17 PHASE
474	55.87	88.68	608	77.58	13.18	14.44	6.28	1.82	4.24	4.1#	1.82 AMP
475	54.15	111.57	607	348.85	183.18	211.46	384.2#	137.66	317.87	265.59	264.83 PHASE
476	53.12	119.11	608	86.11	13.31	14.88	5.67	2.68	8.25	3.85	2.21 AMP
				353.68	186.25	216.86	386.33	189.97	334.38	237.81	276.48 PHASE
				3.81	1.72	1.97	.58	2.36	6.81	.85	.34 AMP
				273.88	118.55	272.43	39.79	183.63	271.55	3.72	122.22 PHASE
				4.47	2.52	2.64	1.85	2.78	7.78	1.32	.66 AMP
				282.86	93.65	249.99	348.88	66.81	254.85	313.36	54.89 PHASE
				9.87	5.23	4.27	1.14	2.14	7.76	2.42	1.81 AMP
				299.14	95.18	228.84	328.88	333.17	298.28	318.62	73.85 PHASE
				28.48	7.27	5.47	1.96	3.36	2.68	2.34	.69 AMP
				311.58	97.28	198.28	312.91	388.19	347.55	348.21	78.24 PHASE
				32.97	8.28	18.43	3.83	4.93	1.22	.58	1.89 AMP
				335.84	181.75	194.88	338.92	343.87	183.12	229.48	64.58 PHASE
				48.91	7.36	15.26	3.54	3.38	.95	2.56	.99 AMP
				342.24	85.37	198.57	384.14	336.45	186.98	232.28	.23 PHASE
				61.59	6.42	17.83	4.79	1.72	1.88	3.27	.82 AMP
				351.21	81.78	288.59	313.51	348.83	142.34	286.49	38.62 PHASE
				77.64	6.51	19.51	5.88	1.87	1.51	3.76	.73 AMP
				352.53	68.68	287.64	318.42	388.85	93.84	284.59	28.38 PHASE
				87.73	6.38	19.49	6.29	3.38	3.55	2.77	.25 AMP
				355.32	53.78	284.94	386.38	262.84	357.32	245.53	63.95 PHASE
				2.48	1.24	2.38	.58	2.47	3.18	2.57	.48 AMP
				297.62	118.98	249.82	47.73	34.55	256.93	328.71	79.48 PHASE
				4.39	2.25	3.45	.89	2.88	4.14	.78	.59 AMP
				382.85	97.47	237.66	18.98	353.78	274.96	327.23	68.68 PHASE
				18.89	4.37	4.33	1.48	3.88	4.86	1.13	.38 AMP
				318.71	99.23	283.83	346.87	389.22	315.24	358.41	65.88 PHASE
				22.61	5.22	8.23	2.89	3.72	.92	.74	.53 AMP
				336.58	119.19	198.25	4.68	339.82	388.82	112.43	63.88 PHASE
				35.98	4.68	12.42	2.68	3.89	.45	1.82	.62 AMP
				343.28	182.12	191.24	349.95	336.35	48.84	223.24	21.62 PHASE
				51.66	2.86	16.86	2.98	1.49	1.93	1.72	.78 AMP
				349.88	85.75	196.47	333.23	324.68	92.53	278.85	23.86 PHASE
				69.71	2.47	18.73	3.88	2.12	3.15	1.59	.64 AMP
				358.84	43.32	198.48	314.38	226.58	45.31	381.45	1.19 PHASE
				98.89	3.15	19.84	4.53	6.79	4.89	.97	.32 AMP
				357.81	18.89	283.16	331.78	245.18	25.53	144.84	341.31 PHASE
				98.71	3.16	18.53	4.31	8.13	5.19	1.75	.19 AMP
				357.78	2.73	192.26	318.52	233.84	5.62	163.89	3.64 PHASE



TABLE VIII.- Continued

(a) Continued

TORSION 28 PERCENT RADIUS												
RUN NO		16										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
440	4.60	5.52	600	3.19	2.19	.92	.51	.47	.58	.61	.31	AMP
441	2.45	5.24	600	293.37	111.97	61.30	301.21	114.52	162.05	202.52	334.29	PHASE
442	.49	4.98	600	2.72	2.00	.74	.68	.16	.44	.38	.38	AMP
443	-1.28	5.28	600	303.34	100.05	51.72	272.34	119.60	145.43	271.20	324.26	PHASE
444	-3.59	6.55	600	2.50	1.94	.73	.78	.05	.43	.52	.39	AMP
445	-6.15	7.48	600	317.45	94.04	47.84	249.05	348.41	138.31	295.06	330.37	PHASE
446	-8.39	9.13	600	2.55	1.87	.56	1.00	.04	.38	.48	.43	AMP
447	-10.79	12.06	600	335.20	92.25	72.87	242.33	343.45	102.94	326.61	9.01	PHASE
448	-12.49	13.02	600	3.12	2.00	.50	1.60	.21	.29	.61	.62	AMP
449	-13.43	15.37	600	352.24	86.57	114.32	236.32	215.88	282.41	353.11	26.36	PHASE
450	3.56	5.13	600	4.05	2.30	.68	2.04	.44	.28	.78	.65	AMP
451	1.50	4.82	600	1.00	73.81	141.35	220.10	253.55	312.32	330.43	356.93	PHASE
452	-.42	4.56	600	5.20	2.67	1.03	2.44	.56	.74	1.11	.65	AMP
453	-2.55	5.08	600	12.24	82.15	173.35	242.72	304.44	1.63	18.99	72.49	PHASE
454	-5.05	6.84	600	6.06	3.21	1.53	2.97	.69	1.16	1.28	1.19	AMP
455	-7.67	9.59	600	9.94	71.62	176.87	226.03	305.91	352.74	1.05	57.67	PHASE
456	-9.95	11.62	600	8.20	3.36	1.80	3.15	.69	1.37	1.44	1.30	AMP
457	-12.62	13.14	600	12.00	74.96	201.92	239.31	319.15	7.07	6.89	71.06	PHASE
458	-14.27	15.29	600	9.06	3.59	2.07	3.22	1.01	1.56	1.73	1.69	AMP
459	2.69	4.81	600	10.03	72.52	203.30	239.25	333.11	4.04	357.56	50.32	PHASE
460	1.00	4.47	600	2.05	2.00	.74	.33	.56	.13	.24	.31	AMP
461	-1.16	4.56	600	310.50	111.13	74.98	325.12	52.38	193.05	292.17	249.57	PHASE
462	-2.99	5.33	600	2.61	2.00	.72	.26	.45	.22	.22	.12	AMP
463	-5.21	7.28	600	322.07	103.35	79.93	291.34	46.27	146.59	301.01	28.58	PHASE
464	-7.66	8.78	600	2.50	2.00	.74	.36	.33	.35	.26	.29	AMP
465	-9.64	10.13	600	336.55	94.71	91.12	227.31	27.97	165.05	330.63	60.34	PHASE
466	-11.04	11.94	600	2.91	2.21	.79	.70	.38	.44	.33	.54	AMP
467	-13.17	14.48	600	349.73	85.54	112.00	216.55	351.00	203.14	320.61	47.63	PHASE
468	1.50	4.82	600	3.00	2.42	.92	1.32	.21	.29	.33	.53	AMP
469	2.69	4.81	600	359.84	84.86	147.00	231.70	295.76	257.04	345.10	77.59	PHASE
470	-2.39	3.70	600	5.13	2.76	1.08	2.03	.31	.09	.23	.35	AMP
471	-4.52	4.59	600	6.40	06.93	103.19	248.23	310.10	24.58	22.93	139.27	PHASE
472	-6.85	5.07	600	8.20	3.01	1.00	2.20	.31	.27	.40	.31	AMP
473	-8.99	7.42	600	7.37	06.36	190.39	245.67	186.71	173.79	300.23	139.66	PHASE
474	-11.37	9.05	600	8.20	3.22	2.00	2.46	.43	.26	1.11	.19	AMP
475	-13.42	11.13	600	7.50	01.76	216.00	250.40	176.26	321.58	323.01	223.10	PHASE
476	-14.51	12.71	600	9.82	2.81	2.19	1.76	.69	1.12	1.03	.09	AMP
477	-.33	3.63	600	6.63	00.47	250.14	265.57	179.44	320.11	351.35	76.09	PHASE
478	-2.39	3.70	600	2.76	1.96	.60	.59	.56	.39	.56	.03	AMP
479	-4.52	4.59	600	294.94	99.71	52.10	202.25	102.85	146.79	304.58	341.57	PHASE
480	-6.85	5.07	600	2.44	1.77	.47	.72	.38	.34	.60	.22	AMP
481	-8.99	7.42	600	305.99	87.03	30.07	252.16	57.56	92.03	275.04	56.58	PHASE
482	-11.04	11.94	600	2.30	1.63	.35	.96	.31	.27	.72	.59	AMP
483	-13.17	14.48	600	330.02	82.34	60.74	233.16	2.17	84.27	305.20	67.31	PHASE
484	1.50	4.82	600	2.71	1.58	.31	1.27	.60	.08	.05	.02	AMP
485	2.69	4.81	600	345.26	76.07	104.02	229.20	345.54	49.03	315.06	60.42	PHASE
486	-2.39	3.70	600	3.43	1.79	.49	1.74	.07	.52	.93	1.30	AMP
487	-4.52	4.59	600	2.04	75.13	154.72	237.10	327.00	4.19	341.46	63.34	PHASE
488	-6.85	5.07	600	4.49	2.15	.70	2.10	1.49	.74	1.00	1.00	AMP
489	-8.99	7.42	600	6.30	61.33	163.76	217.03	290.01	334.30	317.04	16.50	PHASE
490	-11.04	11.94	600	5.56	2.41	1.11	2.45	1.86	.97	1.09	1.72	AMP
491	-13.17	14.48	600	14.79	66.05	186.05	232.20	321.49	354.93	349.62	40.10	PHASE
492	1.50	4.82	600	7.11	2.09	1.62	2.70	2.14	1.25	1.07	1.09	AMP
493	2.69	4.81	600	16.10	63.06	105.10	225.60	319.31	350.30	343.53	39.22	PHASE
494	-2.39	3.70	600	14.78	3.33	2.13	2.95	2.34	1.70	1.27	2.22	AMP
495	-4.52	4.59	600	18.78	61.61	105.19	218.14	310.37	356.64	339.24	22.00	PHASE
496	-6.85	5.07	600	2.37	1.47	.45	.50	.26	.23	.36	.24	AMP
497	-8.99	7.42	600	299.52	87.30	40.03	254.30	33.11	101.50	279.26	79.00	PHASE
498	-11.04	11.94	600	2.17	1.20	.32	.65	.24	.26	.39	.36	AMP
499	-13.17	14.48	600	317.32	81.06	40.16	244.34	351.04	76.45	203.10	73.34	PHASE
500	1.50	4.82	600	2.21	1.17	.23	.04	.37	.23	.51	.48	AMP
501	2.69	4.81	600	339.52	75.24	77.75	233.25	330.00	94.59	200.25	40.91	PHASE
502	-2.39	3.70	600	2.60	1.26	.31	1.11	.47	.27	.46	.63	AMP
503	-4.52	4.59	600	360.00	75.48	139.11	244.13	320.55	43.95	325.03	66.31	PHASE
504	-6.85	5.07	600	3.50	1.39	.51	1.32	.00	.34	.39	.73	AMP
505	-8.99	7.42	600	8.23	63.21	154.36	227.95	310.00	15.27	297.91	31.21	PHASE
506	-11.37	9.05	600	4.56	1.61	.73	1.47	.97	.37	.30	.78	AMP
507	-13.42	11.13	600	13.00	59.31	172.13	221.99	300.67	1.17	263.70	17.26	PHASE
508	1.50	4.82	600	5.99	1.00	.93	1.59	1.12	.60	.29	.06	AMP
509	2.69	4.81	600	15.42	52.61	177.14	201.59	291.24	332.10	219.66	343.93	PHASE
510	-2.39	3.70	600	2.60	1.26	.31	1.11	.47	.27	.46	.63	AMP
511	-4.52	4.59	600	360.00	75.48	139.11	244.13	320.55	43.95	325.03	66.31	PHASE
512	-6.85	5.07	600	3.50	1.39	.51	1.32	.00	.34	.39	.73	AMP
513	-8.99	7.42	600	8.23	63.21	154.36	227.95	310.00	15.27	297.91	31.21	PHASE
514	-11.37	9.05	600	4.56	1.61	.73	1.47	.97	.37	.30	.78	AMP
515	-13.42	11.13	600	13.00	59.31	172.13	221.99	300.67	1.17	263.70	17.26	PHASE
516	1.50	4.82	600	5.99	1.00	.93	1.59	1.12	.60	.29	.06	AMP
517	2.69	4.81	600	15.42	52.61	177.14	201.59	291.24	332.10	219.66	343.93	PHASE
518	-2.39	3.70	600	2.60	1.26	.31	1.11	.47	.27	.46	.63	AMP
519	-4.52	4.59	600	360.00	75.48	139.11	244.13	320.55	43.95	325.03	66.31	PHASE
520	-6.85	5.07	600	3.50	1.39	.51	1.32	.00	.34	.39	.73	AMP
521	-8.99	7.42	600	8.23	63.21	154.36	227.95	310.00	15.27	297.91	31.21	PHASE
522	-11.37	9.05	600	4.56	1.61	.73	1.47	.97	.37	.30	.78	AMP
523	-13.42	11.13	600	13.00	59.31	172.13	221.99	300.67	1.17	263.70	17.26	PHASE
524	1.50	4.82	600	5.99	1.00	.93	1.59	1.12	.60	.29	.06	AMP
525	2.69	4.81	600	15.42	52.61	177.14	201.59	291.24	332.10	219.66	343.93	PHASE
526	-2.39	3.70	600	2.60	1.26	.31	1.11	.47	.27	.46	.63	AMP
527	-4.52	4.59	600	360.00	75.48	139.11	244.13	320.55	43.95	325.03	66.31	PHASE
528	-6.85	5.07	600	3.50	1.39	.51	1.32	.00	.34	.39	.73	AMP
529	-8.99	7.42	600	8.23	63.21	154.36	227.95	310.00	15.27	297.91	31.21	PHASE
530	-11.37	9.05	600	4.56	1.61	.73	1.47	.97	.37	.30	.78	AMP
531	-13.42	11.13	600	13.00	59.31	172.13	221.99	300.67	1.17	263.70	17.26	PHASE
532	1.50	4.82	600	5.99	1.00	.93	1.59	1.12	.60	.29	.06	AMP
533	2.69	4.81	600	15.42	52.61	177.14	201.59	291.24	332.10	219.66	343.93	PHASE
534	-2.39	3.70	600	2.60	1.26	.31	1.11	.47	.27	.46	.63	AMP
535	-4.52	4.59	600	360.00	75.48	139.11	244.13	320.55	43.95	325.03	66.31	PHASE
536	-6.85	5.07	600	3.50	1.39	.51	1.32	.00	.34	.39	.73	AMP
537	-8.99	7.42	600	8.23	63.21	154.36	227.95	310.00	15.27	297.91	31.21	PHASE
538	-11.37	9.05	600	4.56	1.61	.73	1.47	.97	.37	.30	.78	AMP
539	-13.42	11.13	600	13.00	59.31	172.13	221.99	300.67	1.17	263.70	17.26	PHASE
540	1.50	4.82	600	5.99	1.00	.93	1.59	1.12	.60	.29	.06	AMP
541	2.											

TABLE VIII.- Continued

(a) Continued

FLAPWISE 37 PERCENT RADIUS											
RUN NO 16											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
448	25.59	15.17	688	6.96	5.56	4.67	.81	1.58	.24	.12	.37
				148.53	284.18	62.18	282.97	111.71	283.43	265.48	171.31
441	27.34	14.39	688	7.44	5.13	4.27	1.89	1.25	.22	.89	.28
				147.92	278.82	43.81	278.81	88.84	287.67	218.65	143.55
442	29.84	14.26	688	7.94	4.78	3.92	1.38	1.42	.17	.25	.14
				147.75	277.88	26.83	267.82	86.17	268.69	182.38	135.88
443	38.52	14.85	688	8.22	4.48	4.84	1.44	1.19	.29	.23	.31
				151.99	288.84	21.48	274.72	113.98	284.77	225.66	149.76
444	32.38	14.11	688	8.84	4.12	4.38	1.97	.69	.37	.15	.43
				153.27	283.58	8.82	268.34	151.83	298.83	222.25	178.12
445	34.33	14.39	688	8.97	4.88	4.38	2.18	.24	.25	.32	.36
				158.68	276.24	346.96	245.56	187.54	251.29	188.52	148.26
446	35.84	15.68	687	9.85	3.73	4.45	2.52	.54	.19	.31	.25
				156.47	293.24	355.62	265.68	167.78	247.48	231.38	246.49
447	37.58	16.21	688	9.87	3.47	4.52	3.83	.91	.27	.27	.38
				158.27	293.45	338.72	248.92	162.88	189.93	282.16	228.33
448	38.78	15.82	688	8.87	3.65	4.37	3.58	1.32	.58	.31	.57
				158.24	383.51	321.28	245.88	189.25	195.78	281.84	258.52
449	39.36	16.84	688	8.99	3.68	4.25	3.62	1.48	.78	.36	.62
				147.28	311.81	316.24	237.46	184.11	195.87	182.14	215.75
458	25.93	15.44	688	8.18	5.91	3.77	1.23	1.33	.26	.17	.17
				147.71	294.74	73.58	292.81	182.98	325.26	283.23	331.43
451	27.65	15.17	688	8.61	5.76	3.56	1.41	1.85	.18	.13	.87
				147.68	287.79	59.47	283.54	92.18	323.74	238.87	288.98
452	29.22	15.51	688	8.98	5.65	3.45	.71	1.18	.25	.23	.28
				148.51	282.41	45.81	266.14	96.61	258.52	218.11	168.36
453	38.81	15.44	688	9.29	5.38	3.31	.75	1.81	.31	.19	.44
				148.71	276.86	34.62	256.57	94.86	263.14	211.65	183.44
454	32.59	15.18	689	9.51	5.15	3.23	1.26	.79	.28	.17	.44
				152.88	279.65	38.12	249.43	152.72	232.91	289.73	238.48
455	34.37	14.18	688	9.54	4.82	2.92	1.99	1.11	.46	.26	.53
				153.69	282.53	28.94	253.53	283.79	234.84	266.18	298.88
456	36.81	14.87	687	9.51	4.68	2.62	1.75	1.48	.58	.24	.67
				151.25	288.11	357.88	246.48	213.26	218.18	253.17	382.48
457	37.98	14.47	689	9.41	4.63	3.16	3.72	2.38	.76	.21	.74
				147.98	288.21	316.21	247.55	223.68	288.69	198.86	322.11
458	38.68	15.83	688	9.46	5.31	3.86	4.84	2.68	.92	.37	.64
				146.69	298.28	381.88	258.83	224.87	281.15	176.48	261.35
459	27.54	13.89	688	6.77	4.38	4.67	1.36	1.85	.27	.83	.19
				146.76	285.91	46.65	291.87	123.88	5.92	222.53	238.38
468	29.16	13.61	688	7.15	4.83	4.61	1.63	1.98	.23	.85	.48
				143.93	278.81	21.67	266.21	88.98	338.93	183.89	197.14
461	31.88	13.68	688	7.72	3.78	4.73	1.75	1.75	.31	.11	.68
				147.34	278.24	7.38	268.55	81.95	259.66	191.42	198.77
462	32.56	15.17	688	8.33	3.89	4.89	1.79	1.56	.49	.16	.76
				147.88	282.14	357.47	254.72	68.54	265.97	218.79	171.88
463	34.28	15.36	688	8.65	2.71	5.38	2.83	1.41	.68	.16	.89
				152.92	287.18	358.58	257.78	42.18	287.84	289.92	185.87
464	36.22	15.82	618	8.92	2.88	5.24	2.29	2.85	.78	.31	.86
				149.39	279.77	338.86	236.36	7.68	255.88	196.77	134.76
465	37.83	16.68	688	9.11	1.62	5.18	2.39	2.46	.68	.22	1.82
				153.87	388.14	344.32	247.98	29.48	278.48	214.86	162.36
466	39.64	17.83	688	9.38	1.19	5.24	2.54	2.58	.72	.17	1.86
				158.58	331.49	333.31	234.88	21.28	252.41	173.27	151.17
467	48.51	16.54	688	9.19	1.42	4.86	2.79	1.97	.92	.22	1.86
				146.71	345.23	328.25	215.89	13.94	217.81	144.26	148.34
468	29.14	18.37	688	6.29	2.67	3.58	1.82	1.26	.21	.85	.31
				142.63	281.78	21.82	263.91	76.22	382.89	177.37	197.39
469	38.77	18.69	688	6.89	2.58	3.67	.92	1.28	.18	.12	.37
				143.48	283.42	9.85	261.35	65.87	248.68	181.63	185.69
478	32.44	11.91	688	7.43	2.39	3.95	1.88	1.18	.31	.16	.43
				145.57	288.98	358.14	253.44	56.26	234.91	178.94	165.41
471	34.13	11.96	688	7.92	2.88	4.19	.95	1.86	.32	.13	.47
				158.82	381.58	4.87	262.98	48.99	272.56	177.95	182.67
472	36.85	12.74	688	8.31	1.88	4.48	1.83	1.46	.31	.17	.61
				149.12	386.81	347.74	243.25	9.51	239.37	288.48	147.98
473	37.81	13.92	688	8.74	1.58	4.61	1.22	1.79	.34	.28	.62
				149.89	323.95	338.35	231.39	4.67	234.82	248.85	138.67
474	39.85	15.14	688	9.12	1.46	4.87	1.39	1.97	.37	.13	.67
				147.84	344.22	318.63	218.12	348.23	197.31	263.42	85.34
475	41.63	16.54	687	9.41	1.79	5.11	1.83	2.88	.44	.16	.84
				149.81	12.55	314.85	218.88	.15	281.85	114.18	185.64
476	42.44	17.31	688	9.44	1.92	5.16	2.13	2.88	.62	.26	.92
				145.62	16.49	299.32	193.24	345.75	181.54	118.89	88.49



TABLE VIII.- Continued

(a) Continued

CHORDWISE 37 PERCENT RADIUS											
RUN NO 16											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
448	34.48	11.92	688	4.98	1.88	.19	1.23	.31	3.59	.72	.24
				253.65	73.16	187.84	49.38	213.13	239.28	276.75	231.63
441	32.18	15.87	688	5.91	2.37	1.18	1.88	4.41	5.48	.61	.18
				266.86	91.26	273.65	4.27	189.82	246.59	328.84	172.55
442	38.38	22.74	688	8.72	3.28	2.75	1.54	1.53	8.78	2.21	.29
				274.94	188.94	261.53	336.72	168.84	297.78	327.76	184.82
443	28.81	28.98	688	15.87	5.95	3.15	2.66	2.88	6.96	4.12	.56
				297.58	181.14	258.65	329.28	245.83	354.83	359.78	134.72
444	27.28	38.47	688	24.59	8.49	4.82	4.44	2.88	4.39	5.44	.66
				315.75	185.36	228.99	325.93	283.54	68.96	48.52	165.96
445	24.28	58.52	688	34.46	18.27	9.29	5.17	2.48	3.23	3.86	.27
				332.29	188.67	283.62	387.68	11.74	26.66	247.41	234.99
446	21.23	64.38	687	44.64	11.82	12.68	7.24	2.82	3.72	5.67	1.18
				345.47	118.84	228.67	321.63	98.78	54.82	319.43	268.98
447	17.64	78.43	688	55.68	11.82	15.81	18.79	1.95	3.88	5.97	1.15
				345.22	98.84	221.22	299.62	12.16	15.84	283.55	221.59
448	14.98	88.83	688	63.48	18.64	17.28	12.85	1.58	8.29	4.58	3.66
				352.52	186.17	229.73	385.97	312.44	358.63	277.45	241.75
449	14.44	91.73	688	66.15	9.66	17.82	11.92	2.88	6.55	3.74	4.13
				358.98	185.99	227.82	383.65	58.18	8.39	276.58	216.24
468	27.75	17.93	688	8.58	2.78	1.58	1.28	1.63	2.33	1.15	.77
				262.81	91.86	239.89	79.84	268.44	254.89	68.86	238.41
451	26.39	21.41	688	11.68	3.38	3.31	1.89	1.92	4.88	.69	.15
				278.75	188.84	266.89	63.89	248.11	288.19	19.54	121.55
452	24.81	38.52	688	16.21	5.57	3.66	1.81	1.89	8.58	2.17	1.36
				286.61	97.82	279.39	15.58	256.34	336.98	345.92	135.36
453	22.63	37.56	688	22.46	8.79	2.24	2.19	2.38	8.87	3.34	.93
				385.84	98.17	249.86	335.84	277.83	21.83	28.43	177.33
454	19.89	44.68	689	38.63	11.28	4.32	3.13	2.16	5.62	1.91	.25
				323.87	188.17	228.11	344.31	348.88	36.88	185.93	257.78
455	16.87	61.69	688	41.95	12.78	9.34	5.27	1.99	5.83	3.34	2.21
				339.18	111.91	232.85	327.16	57.57	64.64	271.83	334.83
456	12.63	72.57	687	58.68	13.89	12.56	7.53	1.85	2.58	5.82	1.77
				344.18	189.78	235.49	315.88	126.25	292.59	247.78	315.54
457	18.41	82.53	689	61.81	14.24	14.72	18.63	1.58	7.16	6.38	3.28
				345.34	185.99	231.28	387.38	241.78	319.58	268.88	388.12
458	7.69	91.65	688	69.89	14.89	15.14	18.41	4.38	12.85	5.84	5.21
				358.53	189.79	248.89	389.64	235.93	338.59	234.98	277.79
459	25.42	18.22	688	3.91	1.67	1.21	1.22	2.69	8.36	1.71	.24
				271.42	91.49	293.43	28.21	188.26	269.68	22.85	223.68
468	25.84	22.65	688	5.86	2.51	2.18	1.55	3.27	18.75	2.51	.61
				278.86	95.86	275.17	343.52	68.17	252.23	322.44	148.49
461	24.52	25.66	688	9.89	4.78	3.66	2.18	2.28	11.47	4.21	2.18
				295.12	98.68	253.89	327.34	349.68	295.81	328.88	135.81
462	24.82	29.99	688	16.58	6.28	4.12	3.27	3.16	4.28	4.39	2.63
				308.15	98.99	224.93	323.25	319.27	348.58	341.86	147.46
463	22.49	48.48	688	25.25	7.35	7.41	4.69	5.79	1.53	1.11	3.44
				338.87	184.83	215.87	339.65	358.89	189.88	178.88	145.52
464	28.79	56.79	618	36.62	7.88	12.16	5.67	5.34	1.88	5.86	3.48
				338.88	89.98	286.84	389.46	345.58	88.37	218.44	185.47
465	18.68	89.21	688	46.17	6.71	15.14	7.16	4.17	1.88	6.87	3.76
				347.28	91.88	223.25	328.13	11.65	113.84	276.95	135.37
466	16.52	82.84	688	68.61	6.84	17.47	8.73	4.25	3.28	6.98	4.41
				348.98	76.21	221.94	315.33	353.52	78.76	288.32	124.42
467	15.84	92.56	688	65.92	6.87	18.23	9.88	3.63	5.37	5.84	5.56
				351.53	71.84	217.44	385.81	383.95	3.43	246.89	118.59
468	24.52	14.44	688	2.96	1.22	1.88	.84	3.81	4.57	1.31	.95
				288.14	184.29	272.29	13.89	37.18	255.48	337.34	159.81
469	24.98	15.22	688	4.73	2.16	2.91	1.48	2.38	6.16	1.51	1.33
				297.85	185.65	261.66	2.34	2.47	272.99	338.31	134.97
478	24.74	19.88	688	9.38	3.75	3.31	2.25	2.98	6.87	2.13	1.54
				313.71	181.43	229.25	347.64	317.85	318.56	4.95	148.59
471	24.64	38.18	688	17.68	5.84	5.84	3.17	4.27	1.55	2.23	1.78
				332.19	112.13	216.11	3.75	344.96	386.14	113.93	149.53
472	23.83	43.78	688	27.21	4.26	9.28	4.18	4.43	.69	2.47	1.81
				339.24	184.78	287.88	347.51	342.54	28.89	197.69	113.27
473	22.29	56.88	688	38.59	3.11	12.85	4.74	3.34	3.86	3.59	2.43
				346.18	96.29	218.53	336.96	342.28	83.47	258.61	83.56
474	28.46	68.87	688	52.12	2.48	15.78	6.81	2.56	5.44	3.12	3.81
				347.81	71.65	284.68	318.55	287.45	43.87	284.24	51.36
475	17.68	87.63	687	67.85	2.63	18.86	6.93	7.88	7.65	2.18	3.81
				354.68	54.13	216.76	329.55	266.68	29.84	137.32	78.88
476	16.46	95.38	688	73.84	2.44	17.45	6.66	8.73	8.15	4.87	3.45
				354.53	44.52	286.88	314.25	258.87	9.46	153.99	59.88

TABLE VIII.- Continued

(a) Continued

TORSION 36 PERCENT RADIUS												
RUN NO 16												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
440	4.35	5.16	600	3.15	2.21	.74	.42	.41	.49	.46	.23	AMP
				286.83	96.67	36.98	273.65	77.58	118.64	235.96	291.80	PHASE
441	2.23	4.90	600	2.67	2.11	.68	.59	.13	.39	.37	.27	AMP
				297.84	85.51	29.50	245.82	83.45	99.45	228.41	278.41	PHASE
442	.29	4.58	600	2.45	1.96	.68	.66	.85	.37	.41	.29	AMP
				310.95	80.11	25.56	222.74	317.83	92.15	252.19	284.38	PHASE
443	-1.48	4.67	600	2.50	1.87	.52	.86	.86	.32	.38	.34	AMP
				320.60	79.18	52.36	214.50	300.61	134.45	279.74	323.09	PHASE
444	-3.69	5.52	600	3.00	1.90	.47	1.37	.17	.23	.50	.47	AMP
				346.20	74.35	91.47	200.34	182.67	235.74	305.48	336.04	PHASE
445	-6.20	6.54	600	3.77	2.05	.57	1.77	.41	.25	.66	.48	AMP
				356.86	61.31	112.37	190.72	215.71	263.47	283.92	305.29	PHASE
446	-8.36	8.12	600	4.79	2.33	.88	2.13	.53	.66	.98	.93	AMP
				7.47	67.95	145.52	213.34	265.44	318.14	332.85	19.93	PHASE
447	-10.63	10.63	600	7.47	2.75	1.34	2.60	.65	.98	1.03	.85	AMP
				4.75	57.80	149.64	196.77	267.19	311.42	316.46	6.54	PHASE
448	-12.25	11.93	600	7.30	2.89	1.53	2.79	.69	1.13	1.15	.93	AMP
				6.65	61.05	173.95	209.28	282.62	326.20	319.48	18.09	PHASE
449	-13.10	13.21	600	8.12	3.13	1.73	2.85	.96	1.36	1.36	1.22	AMP
				5.28	58.86	174.89	209.81	294.58	321.96	310.22	359.05	PHASE
450	3.22	4.95	600	2.84	2.21	.65	.28	.48	.14	.17	.20	AMP
				302.95	97.68	49.77	297.97	20.16	129.43	261.16	204.98	PHASE
451	1.28	4.53	600	2.66	2.07	.62	.21	.38	.22	.17	.12	AMP
				313.92	89.99	52.86	263.13	15.27	97.51	265.71	342.89	PHASE
452	-7.70	4.19	600	2.37	2.03	.61	.30	.27	.22	.22	.25	AMP
				320.00	81.57	63.44	195.33	358.26	119.99	284.98	359.61	PHASE
453	-2.74	4.58	600	2.71	2.09	.65	.59	.29	.38	.29	.44	AMP
				342.79	72.25	87.55	185.03	319.26	159.01	273.83	355.32	PHASE
454	-5.09	5.72	600	3.42	2.15	.73	1.14	.19	.26	.32	.39	AMP
				353.83	70.52	122.81	200.19	248.23	219.83	302.45	24.83	PHASE
455	-7.63	8.07	600	4.52	2.31	1.09	1.83	.31	.13	.24	.21	AMP
				359.37	70.80	160.54	217.57	270.66	323.68	337.59	85.69	PHASE
456	-9.80	9.29	600	5.51	2.48	1.50	2.05	.24	.18	.32	.16	AMP
				1.91	69.34	175.75	214.37	169.12	133.01	257.90	86.48	PHASE
457	-12.29	10.78	600	7.10	2.69	1.64	2.23	.30	.23	.89	.10	AMP
				2.13	64.96	190.97	218.99	154.61	284.00	278.02	278.02	PHASE
458	-13.00	12.31	600	8.00	2.31	1.73	1.64	.46	.93	1.51	.70	AMP
				8.05	60.97	227.92	234.10	149.41	286.66	304.17	200.99	PHASE
459	2.47	4.40	600	2.73	2.00	.59	.52	.50	.36	.41	.01	AMP
				280.83	85.84	32.42	253.63	70.02	102.07	263.21	334.25	PHASE
460	.79	4.16	600	2.39	1.81	.46	.63	.34	.33	.43	.16	AMP
				299.56	73.98	20.22	222.25	26.47	51.56	234.54	15.67	PHASE
461	-1.33	4.23	600	2.33	1.65	.35	.84	.24	.12	.57	.45	AMP
				323.92	69.64	43.45	202.82	329.42	45.17	263.57	21.32	PHASE
462	-3.09	4.66	600	2.66	1.55	.33	1.11	.49	.12	.70	.61	AMP
				339.38	65.88	83.90	200.54	310.85	36.64	270.82	12.37	PHASE
463	-5.30	6.37	600	3.34	1.67	.47	1.54	.75	.42	.81	.95	AMP
				356.68	64.76	129.74	200.25	290.72	332.85	295.95	13.97	PHASE
464	-7.71	7.79	610	4.26	1.92	.72	1.91	1.28	.62	.82	1.15	AMP
				1.52	49.62	137.51	187.49	263.07	298.52	270.49	326.33	PHASE
465	-9.64	8.95	600	5.21	2.12	1.02	2.13	1.62	.80	.91	1.24	AMP
				9.92	55.01	160.32	202.57	285.65	319.56	302.80	357.76	PHASE
466	-11.77	10.52	600	6.57	2.50	1.47	2.41	1.89	1.05	.92	1.34	AMP
				10.91	52.56	159.45	196.01	283.57	322.81	296.30	340.97	PHASE
467	-13.04	12.20	600	7.73	2.89	1.89	2.55	2.06	1.00	1.04	1.56	AMP
				9.40	49.82	157.95	198.85	283.13	310.89	290.71	331.31	PHASE
468	1.29	3.53	600	2.33	1.52	.43	1.49	.23	.26	.26	.20	AMP
				293.51	74.25	29.75	224.59	359.69	60.67	239.02	33.86	PHASE
469	-.48	3.43	600	2.12	1.31	.30	.56	.20	.24	.30	.28	AMP
				311.61	69.15	29.88	214.25	318.35	39.62	241.13	26.05	PHASE
470	-2.53	3.56	600	2.20	1.21	.24	.77	.32	.24	.40	.37	AMP
				334.20	64.48	62.59	204.07	303.86	53.07	242.95	358.87	PHASE
471	-4.59	4.16	600	2.65	1.23	.31	.99	.40	.24	.39	.40	AMP
				354.71	65.94	112.01	214.11	292.00	13.26	280.63	16.80	PHASE
472	-6.87	5.44	600	3.43	1.29	.46	1.17	.65	.32	.33	.54	AMP
				3.16	52.82	125.65	199.66	275.02	336.42	251.11	342.49	PHASE
473	-8.91	6.57	600	4.31	1.46	.66	1.32	.84	.34	.27	.55	AMP
				8.47	46.92	144.55	192.52	273.21	320.43	216.43	328.70	PHASE
474	-11.21	7.91	600	5.47	1.66	.84	1.44	.98	.48	.25	.62	AMP
				9.59	39.06	143.37	173.69	258.05	300.29	180.42	294.10	PHASE
475	-13.23	9.70	600	6.88	2.00	1.12	1.61	1.07	.83	.23	.79	AMP
				14.01	43.71	150.50	174.87	261.54	302.72	250.39	316.19	PHASE
476	-14.22	11.03	600	7.77	2.34	1.21	1.60	1.08	.97	.08	.79	AMP
				12.10	39.79	154.27	159.12	253.15	290.98	232.03	287.77	PHASE

TABLE VIII.- Continued

(a) Continued

FLAPWISE 51 PERCENT RADIUS											
RUN NO 16											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
448	7.87	21.23	688	18.43	8.94	5.12	.81	1.37	.18	.73	1.22
				128.56	278.12	53.82	318.22	268.83	31.81	2.71	166.39
441	9.85	28.21	688	18.46	8.51	4.84	.92	1.16	.14	.49	.95
				131.66	272.38	32.36	298.41	253.88	78.41	357.84	124.87
442	11.76	19.18	688	18.72	8.82	4.72	1.05	1.14	.13	.25	.88
				134.81	269.55	14.27	296.72	252.38	41.96	9.54	118.71
443	13.49	18.86	688	11.12	7.58	5.15	1.23	1.82	.28	.21	1.87
				148.63	273.15	12.85	389.76	266.92	59.11	78.26	141.44
444	15.77	19.55	688	11.84	7.18	6.87	1.18	.79	.48	.34	1.17
				144.42	274.93	2.86	311.98	287.11	67.49	88.83	159.88
445	17.93	19.22	688	12.33	7.84	6.42	1.12	.85	.39	.17	.96
				145.68	266.34	344.88	289.81	262.36	12.93	188.37	158.41
446	28.88	19.55	687	13.84	6.42	6.63	1.17	1.82	.64	.38	.98
				153.62	278.96	357.78	316.15	315.68	53.18	79.71	258.85
447	22.26	28.65	688	13.73	6.88	6.88	1.12	1.82	.71	.16	1.93
				158.18	274.15	339.58	389.81	312.88	25.72	18.84	224.43
448	23.64	21.79	688	14.83	5.97	5.35	1.81	1.88	.89	.33	2.48
				153.85	282.87	337.94	317.97	348.41	29.15	343.88	246.19
449	24.33	21.58	688	14.25	5.84	6.28	.92	.89	.78	.21	2.75
				151.68	286.94	335.43	314.74	332.44	24.26	348.65	221.88
458	7.73	28.58	688	11.11	9.17	4.32	.77	1.85	.21	.63	.62
				133.74	289.73	61.64	324.82	274.65	98.87	36.68	343.51
451	9.58	28.68	688	11.22	9.82	4.35	.87	.98	.17	.38	.33
				136.38	281.89	45.92	316.43	268.29	85.52	24.88	178.48
452	11.42	28.61	688	11.47	8.84	4.43	.98	.95	.89	.86	.98
				139.37	276.83	32.87	311.96	262.18	61.84	292.92	178.27
453	13.39	28.49	688	12.83	8.53	4.38	.86	.97	.88	.23	1.37
				141.27	269.26	28.92	299.94	249.55	51.81	278.66	186.19
454	15.78	28.93	689	12.74	8.28	4.63	.87	.89	.33	.43	1.31
				145.84	271.36	19.83	299.82	279.95	343.38	331.66	221.98
455	18.13	28.29	688	13.45	7.74	4.99	1.81	.92	.64	.61	1.38
				149.15	272.74	15.51	319.26	324.31	3.17	357.32	289.88
456	28.18	28.54	687	13.78	7.78	5.33	1.18	1.17	1.14	1.89	1.81
				149.47	271.72	1.44	323.45	337.55	349.12	353.22	295.86
457	22.48	28.38	689	14.83	7.61	5.39	1.15	1.35	1.31	.89	2.85
				149.91	276.67	341.15	319.24	351.53	356.37	24.29	318.15
458	23.46	21.38	688	14.94	7.92	4.96	1.18	1.36	1.23	.33	2.13
				158.85	283.49	329.71	386.62	348.99	349.86	356.41	251.38
459	18.59	18.89	688	9.78	7.88	5.33	.94	1.55	.39	1.84	.71
				131.66	279.84	36.24	388.41	285.12	158.88	57.73	236.69
468	12.39	18.96	688	18.88	6.88	5.53	1.84	1.58	.45	1.81	1.69
				131.92	269.48	11.82	288.84	256.81	119.63	16.98	191.12
461	14.57	19.89	688	18.45	5.54	5.86	1.11	1.23	.56	.88	2.37
				137.88	267.87	359.34	293.74	248.18	96.56	12.98	186.65
462	16.45	18.52	688	11.86	5.89	6.36	1.82	1.11	.86	.63	2.73
				141.28	269.55	351.85	293.82	237.22	89.59	359.28	177.83
463	18.61	21.16	688	11.71	5.45	7.34	.94	.86	1.18	.38	3.43
				148.21	273.51	355.42	388.28	225.41	96.22	25.88	186.38
464	28.95	22.83	618	12.41	4.95	7.53	.93	.89	1.39	.84	3.75
				147.52	263.19	337.61	292.13	192.48	62.82	136.17	139.18
465	22.98	23.91	688	13.18	4.44	7.54	.89	.82	1.56	.12	3.75
				154.17	271.41	348.18	312.47	214.33	84.95	172.41	169.88
466	25.31	24.94	688	14.81	3.54	7.56	.86	.67	1.72	.19	4.89
				154.51	278.44	341.21	318.88	285.77	71.15	227.36	168.73
467	26.35	24.68	688	14.28	3.14	6.96	.68	.39	1.63	.29	4.35
				152.83	269.29	331.75	295.77	282.26	58.44	171.89	144.82
468	13.82	14.62	688	8.72	4.74	4.17	.65	1.88	.28	.54	1.28
				134.28	273.46	18.11	291.36	248.67	184.65	5.42	185.94
469	14.89	14.72	688	9.21	4.55	4.55	.69	.89	.26	.44	1.45
				137.55	271.26	359.83	289.88	236.79	93.87	349.38	174.81
478	16.77	15.47	688	141.57	271.71	349.71	284.35	224.85	75.38	333.77	158.49
				18.35	4.11	5.79	.63	.71	.43	.16	1.79
471	18.82	17.82	688	149.58	288.85	357.67	299.13	227.68	98.33	12.67	161.27
				11.88	3.77	6.49	.68	.71	.58	.22	2.82
472	21.18	18.91	688	158.87	277.64	343.66	288.48	194.58	58.88	247.59	144.95
				12.82	3.34	6.78	.72	.71	.61	.46	2.18
473	23.14	28.77	688	153.82	281.16	339.38	291.68	187.54	49.97	245.36	131.11
				12.95	2.65	6.74	.73	.64	.75	.68	2.13
474	25.62	22.21	688	158.87	281.12	325.87	289.49	168.25	25.37	234.16	94.89
				13.99	2.36	6.52	.88	.63	.98	.81	2.52
475	27.85	23.46	687	157.27	292.41	325.38	381.37	148.23	38.59	244.84	188.93
				14.35	2.18	6.27	.88	.78	1.85	1.13	2.71
476	28.83	24.83	688	155.63	288.71	318.89	289.15	128.86	17.61	218.17	81.87

TABLE VIII.- Continued

(a) Continued

CHORDWISE 51 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
440	11.24	13.48	600	5.40	2.59	-0.84	1.41	.42	3.81	.53	.50	AMP
				265.52	73.57	213.91	56.69	263.06	243.62	280.64	207.78	PHASE
441	9.63	17.00	600	6.81	3.10	1.27	1.24	.39	5.75	.49	.46	AMP
				273.42	88.68	253.05	15.91	207.41	250.25	352.93	165.37	PHASE
442	8.52	22.75	600	8.90	4.04	2.50	1.67	1.44	8.58	1.94	.39	AMP
				279.88	98.30	258.71	349.89	172.37	301.11	333.63	105.01	PHASE
443	7.57	29.03	600	13.52	6.12	3.00	2.88	1.05	7.47	4.45	1.01	AMP
				297.28	102.79	255.95	338.81	248.86	357.95	3.99	146.01	PHASE
444	6.12	35.65	600	20.16	8.09	4.27	4.64	1.93	4.94	6.29	1.18	AMP
				314.05	106.17	233.16	335.07	286.27	72.78	46.44	165.06	PHASE
445	3.71	45.81	600	27.07	9.96	7.99	5.72	2.57	3.74	3.35	.42	AMP
				327.97	100.34	213.03	314.33	10.41	33.74	239.32	193.17	PHASE
446	1.02	56.06	600	34.65	11.09	11.19	7.00	1.81	4.16	6.15	1.30	AMP
				341.47	109.81	235.45	327.43	83.78	62.59	319.49	273.55	PHASE
447	-2.54	69.29	600	42.97	11.51	14.45	11.41	1.09	3.29	6.50	1.29	AMP
				341.50	99.53	226.91	302.95	346.12	26.84	286.63	223.44	PHASE
448	-5.02	75.13	600	40.61	11.44	16.26	12.96	1.96	8.37	4.72	4.44	AMP
				340.70	107.51	234.77	307.70	309.30	355.03	202.30	248.23	PHASE
449	-5.44	78.44	600	50.53	10.48	16.81	13.00	.27	6.47	4.16	4.08	AMP
				347.31	100.46	232.73	305.90	309.00	14.82	201.14	223.57	PHASE
450	8.02	18.58	600	8.52	3.33	1.71	1.40	1.91	2.34	1.30	.07	AMP
				269.02	94.56	235.39	83.99	263.02	257.24	78.30	240.17	PHASE
451	6.96	21.26	600	11.06	4.31	3.00	1.30	2.17	4.00	.71	.15	AMP
				274.04	99.76	261.03	63.07	244.70	284.65	40.55	140.32	PHASE
452	5.97	28.63	600	14.34	6.11	3.17	1.17	1.91	9.21	2.29	1.00	AMP
				207.41	100.30	276.29	29.34	259.37	340.97	349.30	139.66	PHASE
453	4.34	35.95	600	10.62	8.62	2.19	2.32	2.12	9.06	3.90	1.54	AMP
				303.02	99.01	249.62	347.14	274.01	24.17	26.62	106.75	PHASE
454	2.02	41.50	600	24.46	10.91	3.03	3.10	2.05	6.35	2.53	.07	AMP
				320.49	107.30	227.24	349.52	339.55	40.69	112.20	250.17	PHASE
455	-1.53	54.50	600	32.76	12.72	8.46	5.54	1.98	5.77	3.98	3.49	AMP
				325.62	110.91	236.56	327.71	38.00	64.84	272.85	333.70	PHASE
456	-4.67	63.53	600	39.21	14.15	11.67	8.09	.34	2.67	5.69	2.75	AMP
				340.91	109.37	238.60	315.03	32.05	306.77	251.32	323.12	PHASE
457	-7.58	72.59	600	48.00	14.02	14.44	12.20	2.68	8.28	6.72	4.24	AMP
				342.02	106.59	236.29	307.39	207.25	326.68	266.29	322.06	PHASE
458	-10.06	77.48	600	54.16	14.40	15.12	12.50	4.05	14.43	5.83	5.97	AMP
				347.30	109.27	245.62	310.20	250.02	333.33	242.46	205.72	PHASE
459	4.69	20.11	600	4.48	2.02	1.16	1.41	2.20	8.04	1.92	.35	AMP
				201.63	92.54	277.06	29.32	110.42	272.49	33.06	255.07	PHASE
460	4.02	24.75	600	5.76	2.09	2.04	1.77	3.01	11.45	2.74	.92	AMP
				204.05	94.73	270.69	354.45	70.73	254.71	332.52	170.95	PHASE
461	3.32	27.06	600	3.99	4.68	3.48	2.50	1.97	12.25	4.59	2.70	AMP
				296.64	90.64	255.91	339.50	355.72	297.25	325.41	149.91	PHASE
462	2.81	29.67	600	14.44	5.93	3.90	3.74	2.72	4.71	4.97	3.66	AMP
				307.26	100.27	237.16	333.03	325.03	343.17	346.44	156.95	PHASE
463	1.47	30.27	600	20.60	6.90	6.44	5.31	5.46	1.60	1.61	4.79	AMP
				326.92	105.00	229.10	345.10	357.50	107.94	162.61	155.93	PHASE
464	-.37	49.30	610	20.74	7.24	10.50	6.57	5.56	1.33	6.02	4.99	AMP
				334.00	93.19	217.32	316.35	355.62	04.59	217.51	114.19	PHASE
465	-2.62	50.72	600	35.00	7.22	13.29	0.06	4.76	2.23	6.91	5.61	AMP
				343.53	96.26	232.67	327.46	24.05	109.32	277.55	142.55	PHASE
466	-5.31	69.09	600	45.24	7.42	15.56	9.71	4.90	3.99	7.74	6.50	AMP
				345.52	05.16	230.90	321.53	9.91	76.09	203.14	130.74	PHASE
467	-6.77	74.31	600	50.20	7.55	16.45	10.05	3.54	6.01	5.67	0.00	AMP
				347.91	00.40	225.00	310.00	320.10	9.14	251.90	121.07	PHASE
468	3.50	14.21	600	3.65	1.31	1.60	1.12	2.71	4.02	1.46	1.26	AMP
				296.02	105.52	271.11	23.46	37.99	250.00	344.62	173.25	PHASE
469	3.05	17.73	600	5.30	2.21	2.67	1.75	2.18	6.60	1.67	1.74	AMP
				300.62	107.21	264.32	9.66	5.26	275.47	339.15	149.51	PHASE
470	2.55	19.74	600	0.09	3.50	3.02	2.65	2.65	6.54	2.49	2.00	AMP
				312.33	103.61	240.07	355.61	321.73	312.95	12.01	150.29	PHASE
471	2.07	27.00	600	14.95	4.20	4.05	3.61	3.99	1.69	2.93	2.40	AMP
				320.06	114.20	229.13	9.39	349.20	300.66	117.92	159.60	PHASE
472	.90	37.65	600	21.92	4.37	7.70	4.69	4.47	.03	3.11	2.61	AMP
				335.62	107.15	210.65	351.00	340.32	26.79	196.15	126.27	PHASE
473	-.08	49.39	600	30.22	3.00	10.00	5.55	3.77	3.50	4.27	3.27	AMP
				342.02	101.00	220.20	341.37	353.20	04.20	257.56	92.07	PHASE
474	-3.13	56.94	600	40.26	3.37	13.72	6.96	2.00	6.10	3.50	4.07	AMP
				344.00	06.31	213.02	323.35	312.65	45.93	205.01	59.46	PHASE
475	-6.18	70.71	600	51.01	3.05	16.10	7.90	6.21	8.39	2.69	4.25	AMP
				351.70	79.99	225.04	331.39	200.00	32.54	134.64	04.42	PHASE
476	-7.51	70.31	600	56.24	3.57	15.96	7.70	7.76	0.95	4.09	4.71	AMP
				351.50	74.31	214.00	314.00	261.41	12.50	153.92	62.01	PHASE

TABLE VIII.- Continued

(a) Continued

TORSION 5# PERCENT RADIUS.											
RUN NO 16											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
44#	4.95	5.25	6#8	3.14	2.34	.74	.44	.35	.5#	.53	.15 AMP
				289.58	187.58	51.85	299.87	114.44	158.95	286.32	336.52 PHASE
441	2.82	4.85	6#8	2.57	2.23	.68	.6#	.8#	.37	.39	.28 AMP
				299.49	97.18	4#7.5	272.25	122.71	142.59	277.91	337.16 PHASE
442	.85	4.63	6#8	2.3#	2.85	.65	.66	.1#	.34	.43	.31 AMP
				313.24	92.41	36.82	251.86	322.51	133.18	295.69	342.41 PHASE
443	-.93	4.63	6#8	2.28	1.92	.4#	.81	.11	.28	.4#	.37 AMP
				338.78	93.31	58.28	244.26	384.78	173.72	327.39	23.56 PHASE
444	-3.12	5.48	6#8	2.66	1.84	.37	1.3#	.22	.22	.57	.49 AMP
				358.82	98.21	96.28	235.21	238.46	278.4#	354.33	31.84 PHASE
445	-5.59	6.41	6#8	3.29	1.85	.46	1.67	.49	.29	.7#	.5# AMP
				5.14	76.72	129.92	214.84	248.32	383.92	327.1#	358.96 PHASE
446	-7.59	7.86	6#7	4.15	1.96	.74	2.36	.53	.69	1.84	.56 AMP
				17.92	85.99	158.12	234.88	289.53	353.5#	16.32	7#6.1 PHASE
447	-9.68	9.74	6#8	5.33	2.29	1.16	2.35	.58	1.11	1.26	1.81 AMP
				17.82	75.61	153.96	214.82	291.46	347.21	3.11	6#7.5 PHASE
448	-11.13	18.85	6#8	6.27	2.4#	1.22	2.49	.59	1.34	1.36	1.86 AMP
				19.44	78.21	173.84	225.1#	385.76	2.31	18.72	75.89 PHASE
449	-11.97	12.94	6#8	7.83	2.62	1.38	2.53	.9#	1.62	1.57	1.3# AMP
				16.85	75.49	174.27	226.35	321.16	358.18	.48	56.71 PHASE
45#	3.77	5.22	6#8	2.74	2.4#	.62	.29	.46	.15	.21	.22 AMP
				382.84	189.36	56.21	323.27	45.93	162.14	326.95	274.5# PHASE
451	1.82	4.62	6#8	2.43	2.23	.56	.24	.38	.2#	.22	.17 AMP
				317.19	182.84	56.89	292.86	39.14	129.51	328.13	29.74 PHASE
452	-.17	4.26	6#8	2.19	2.13	.48	.3#	.28	.25	.29	.27 AMP
				331.97	94.62	64.85	232.11	28.75	156.21	319.22	58.93 PHASE
453	-2.17	4.39	6#8	2.3#	2.8#	.82	.55	.27	.36	.39	.41 AMP
				349.86	88.89	89.6#	212.58	348.87	281.26	385.17	48.66 PHASE
454	-4.39	5.43	6#9	2.76	1.96	.44	1.88	.21	.33	.41	.39 AMP
				4.34	88.35	137.48	221.26	258.85	254.82	334.28	88.16 PHASE
455	-6.61	7.84	6#8	3.49	1.92	.78	1.67	.39	.23	.36	.32 AMP
				13.83	88.63	175.57	231.23	256.24	326.75	27.19	145.49 PHASE
456	-8.53	8.21	6#7	4.28	2.8#	1.89	2.81	.43	.18	.22	.23 AMP
				17.82	83.62	188.26	225.81	223.94	43.86	5.45	154.8# PHASE
457	-18.83	9.2#	6#9	5.59	2.12	1.15	2.26	.36	.58	.23	.23 AMP
				16.3#	77.71	189.87	229.83	228.48	2.46	336.88	296.47 PHASE
458	-12.11	18.99	6#8	6.65	1.86	1.83	1.88	.26	.84	1.52	.8# AMP
				12.73	71.65	223.76	241.98	288.39	338.69	342.36	58.55 PHASE
459	3.24	4.66	6#8	2.65	2.13	.61	.66	.46	.39	.43	.85 AMP
				298.58	98.57	51.7#	281.85	181.57	142.93	319.16	257.88 PHASE
46#	1.54	4.2#	6#8	2.22	1.95	.48	.67	.32	.35	.46	.17 AMP
				381.87	87.19	38.68	251.25	55.82	98.67	298.25	122.14 PHASE
461	-.61	4.24	6#8	2.84	1.78	.33	.85	.23	.33	.64	.46 AMP
				327.15	84.61	57.67	233.78	.47	81.86	389.8#	94.72 PHASE
462	-2.36	4.84	6#8	2.31	1.63	.28	1.88	.45	.28	.8#	.66 AMP
				345.27	82.37	98.6#	229.2#	335.46	71.59	314.39	88.51 PHASE
463	-4.64	6.34	6#8	2.94	1.62	.43	1.5#	.74	.47	.86	.97 AMP
				5.42	88.9#	143.74	235.84	315.15	15.82	348.76	77.61 PHASE
464	-6.87	7.79	61#	3.84	1.78	.68	1.9#	1.3#	.7#	.89	1.21 AMP
				11.28	65.52	158.5#	212.74	289.65	339.59	315.61	29.99 PHASE
465	-8.78	9.39	6#8	4.8#	1.91	.97	2.15	1.65	.92	1.96	1.32 AMP
				19.69	71.8#	172.12	227.55	313.87	.91	348.26	58.85 PHASE
466	-18.84	18.37	6#8	6.87	2.1#	1.36	2.38	1.89	1.14	.99	1.48 AMP
				21.62	69.27	172.67	219.89	313.98	1.63	337.44	48.42 PHASE
467	-12.86	11.55	6#8	7.13	2.39	1.7#	2.47	2.83	1.54	1.14	1.75 AMP
				19.98	67.48	172.73	211.58	314.51	355.64	332.81	29.78 PHASE
468	2.14	3.65	6#8	2.11	1.61	.41	.49	.22	.23	.29	.24 AMP
				296.22	86.87	51.68	251.88	28.48	188.81	298.79	114.37 PHASE
469	.36	3.51	6#8	1.88	1.41	.3#	.55	.2#	.25	.32	.35 AMP
				315.52	82.93	52.5#	241.67	351.53	76.7#	288.98	95.52 PHASE
47#	-1.68	3.43	6#8	1.87	1.26	.23	.72	.31	.25	.45	.41 AMP
				341.83	88.98	74.84	238.7#	335.44	84.52	286.41	65.14 PHASE
471	-3.75	4.11	6#8	2.32	1.21	.27	.93	.41	.26	.41	.5# AMP
				4.91	82.51	121.45	248.57	328.35	43.88	325.61	88.75 PHASE
472	-5.99	5.89	6#8	3.11	1.21	.42	1.14	.68	.34	.34	.59 AMP
				14.39	78.31	148.59	223.48	382.59	16.87	292.71	47.83 PHASE
473	-8.83	6.2#	6#8	4.82	1.28	.6#	1.31	.85	.48	.27	.6# AMP
				19.44	64.95	155.11	216.6#	381.57	4.71	257.59	32.44 PHASE
474	-18.27	7.72	6#8	5.22	1.49	.88	1.49	1.8#	.58	.28	.65 AMP
				19.68	54.39	153.66	198.81	289.17	336.62	224.29	355.35 PHASE
475	-12.26	9.11	6#7	6.58	1.69	1.81	1.66	1.83	.9#	.33	.94 AMP
				24.37	61.85	166.2#	197.58	294.49	348.1#	282.66	15.4# PHASE
476	-13.22	9.88	6#8	7.41	1.87	1.87	1.65	1.81	1.81	1.16	.91 AMP
				22.46	58.61	162.32	181.57	287.7#	325.8#	262.82	349.67 PHASE

TABLE VIII.- Continued

(a) Continued

FLAPWISE 77 PERCENT RADIUS												
RUN NO 16												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
448	-9.46	22.14	688	14.52	9.31	1.67	2.16	3.47	.88	.96	1.64	AMP
				118.68	293.26	268.88	188.88	328.87	18.43	178.93	331.57	PHASE
441	-6.23	21.78	688	13.71	9.41	2.87	2.26	2.63	.14	.83	1.37	AMP
				121.81	283.99	282.37	84.54	386.27	187.61	167.84	298.17	PHASE
442	-3.34	22.63	688	13.47	9.36	2.61	2.54	2.54	.23	.65	1.22	AMP
				125.88	279.82	288.74	78.75	294.32	118.23	175.43	283.63	PHASE
443	-.58	23.65	688	13.64	9.87	3.88	3.18	2.35	.47	.58	1.46	AMP
				131.87	281.73	314.86	68.98	316.46	148.85	286.23	314.57	PHASE
444	3.88	26.46	688	14.85	9.16	4.14	4.17	1.73	.81	.57	1.74	AMP
				136.56	281.41	325.75	65.53	343.29	162.51	234.85	335.13	PHASE
445	6.96	27.54	688	14.81	9.28	4.72	5.87	7.77	.98	.55	1.68	AMP
				139.71	278.81	324.54	43.39	356.32	145.34	239.33	318.94	PHASE
446	18.89	28.58	687	14.48	9.25	5.19	5.74	.67	1.88	.91	1.46	AMP
				158.11	283.68	347.84	67.89	4.39	217.86	282.78	55.44	PHASE
447	13.46	38.19	688	15.81	9.45	5.51	6.32	7.76	1.29	.84	3.28	AMP
				149.38	277.82	335.69	48.28	322.97	211.19	275.15	28.41	PHASE
448	15.82	31.77	688	15.72	9.35	4.92	6.67	9.96	1.17	.58	3.96	AMP
				153.81	283.37	345.62	55.44	359.76	241.32	289.63	51.45	PHASE
449	16.81	33.42	688	16.38	9.55	5.88	6.88	7.75	1.12	.77	4.63	AMP
				153.46	284.84	341.87	49.94	3.26	233.58	294.44	29.84	PHASE
458	-8.88	21.88	688	14.85	18.14	.94	1.22	2.32	.19	.72	.88	AMP
				125.39	295.66	388.68	138.38	388.13	137.13	281.22	171.86	PHASE
451	-6.82	21.18	688	13.48	18.27	1.35	1.44	1.91	.35	.38	1.44	AMP
				128.71	286.58	327.78	97.83	382.78	56.83	178.42	345.54	PHASE
452	-3.88	21.25	688	12.78	18.56	1.98	1.81	2.19	.61	.18	1.13	AMP
				132.97	279.75	334.61	63.96	383.56	44.48	88.29	346.82	PHASE
453	-.88	21.95	688	12.37	18.81	2.69	2.39	1.96	.81	.33	1.63	AMP
				137.38	274.82	333.84	43.94	383.81	78.88	111.88	355.97	PHASE
454	3.48	23.72	689	12.51	18.75	3.41	3.66	1.72	.64	.62	1.65	AMP
				144.35	276.78	354.37	54.99	355.89	112.76	177.19	31.78	PHASE
455	7.33	24.31	688	12.97	9.84	3.85	4.75	2.18	.19	.56	1.71	AMP
				149.15	278.68	12.34	65.27	23.98	85.63	221.16	94.28	PHASE
456	18.75	25.28	687	13.48	9.44	4.11	5.72	2.76	.15	.96	2.15	AMP
				158.63	275.42	15.28	61.59	33.21	188.56	283.81	181.67	PHASE
457	14.51	27.93	689	14.51	9.47	3.86	6.99	3.85	.47	1.28	2.41	AMP
				152.68	277.56	18.51	61.27	37.33	388.11	248.73	121.17	PHASE
458	16.24	38.45	688	15.87	9.47	3.37	7.63	4.68	.81	.33	3.81	AMP
				153.93	284.31	15.99	62.18	42.63	348.24	284.46	57.86	PHASE
459	-6.59	19.98	688	13.58	8.11	2.25	2.55	3.86	.48	1.13	.95	AMP
				119.15	292.33	27.84	95.41	315.88	177.44	227.45	43.62	PHASE
468	-3.68	28.72	688	13.28	7.98	2.72	3.87	3.48	.37	1.11	2.29	AMP
				128.14	281.11	296.89	78.28	288.94	164.75	188.82	3.96	PHASE
461	-.42	23.18	688	13.31	8.85	3.53	3.58	2.83	.24	.88	3.27	AMP
				127.48	277.92	386.89	62.88	269.97	137.88	184.87	1.21	PHASE
462	2.36	24.82	688	13.56	7.99	4.18	4.84	2.49	.36	.51	3.75	AMP
				132.85	277.21	312.88	59.85	251.86	124.76	176.13	353.38	PHASE
463	5.74	28.13	688	13.89	8.34	5.26	4.74	1.95	.41	.27	4.77	AMP
				148.87	279.82	328.66	63.73	213.85	189.86	246.61	2.93	PHASE
464	9.52	38.36	618	14.37	8.61	5.75	5.59	3.49	.51	.43	5.22	AMP
				142.84	266.62	328.39	42.88	169.55	166.88	388.72	316.59	PHASE
465	12.88	31.75	688	15.88	8.65	5.95	6.18	4.52	.74	.57	5.12	AMP
				158.53	273.24	338.96	58.18	189.39	197.56	323.63	347.23	PHASE
466	16.41	33.96	688	16.17	8.58	6.48	6.88	5.18	.86	.58	5.52	AMP
				153.44	278.46	348.66	51.58	188.91	283.58	319.76	339.39	PHASE
467	18.16	35.65	688	16.52	8.51	6.38	7.41	4.51	.63	.93	6.85	AMP
				153.18	267.27	338.78	37.51	167.51	214.88	388.91	323.86	PHASE
468	-3.82	17.77	688	12.81	5.98	2.16	1.98	2.28	.26	.51	1.78	AMP
				121.11	283.41	385.16	78.12	265.82	126.42	168.46	85	PHASE
469	-.89	18.43	688	11.92	6.84	2.57	2.16	1.99	.19	.42	2.83	AMP
				125.96	279.96	318.12	63.81	251.86	99.87	148.91	358.45	PHASE
478	2.16	19.69	688	12.86	6.33	3.11	2.87	1.91	.22	.26	2.28	AMP
				131.68	277.44	312.29	56.95	238.68	53.23	123.71	336.93	PHASE
471	5.47	21.85	688	12.29	6.57	3.88	2.79	1.53	.14	.87	2.51	AMP
				141.23	283.36	331.91	67.12	223.81	115.29	139.51	358.78	PHASE
472	9.19	22.55	688	12.85	6.84	4.74	3.18	2.31	.16	.35	2.85	AMP
				143.98	274.98	327.96	48.75	185.51	118.29	38.87	322.65	PHASE
473	12.53	24.44	688	13.78	7.84	5.25	3.67	3.85	.15	.61	2.89	AMP
				148.61	271.66	331.11	42.42	177.81	148.59	51.77	389.74	PHASE
474	16.43	25.72	688	14.79	7.88	5.59	3.94	3.51	.13	.69	2.77	AMP
				153.81	263.34	324.94	26.81	168.17	243.34	44.85	272.88	PHASE
475	28.88	28.16	687	15.38	7.29	5.74	4.81	3.81	.49	.61	3.18	AMP
				156.78	267.38	333.11	38.42	165.51	271.39	31.54	285.87	PHASE
476	21.65	29.56	688	17.16	7.42	5.65	5.85	3.93	.63	.93	3.34	AMP
				155.99	261.24	323.28	16.16	149.82	251.28	6.28	259.87	PHASE



TABLE VIII.- Continued

(a) Continued

CHORDWISE 77 PERCENT RADIUS												
RUN NO 16												
PT NO	MEAN	1/2 P-P	RPH	1P	2P	3P	4P	5P	6P	7P	8P	
448	-4.46	12.14	688	4.47	3.75	4.47	1.28	1.58	1.46	.41	.31	AMP
				135.88	297.33	269.52	88.91	311.84	247.67	198.82	286.69	PHASE
441	-4.15	12.29	688	3.88	3.38	1.81	1.89	1.14	2.29	.25	.32	AMP
				143.47	283.52	384.36	66.66	287.18	248.68	138.88	238.55	PHASE
442	-3.88	11.77	688	3.29	2.84	1.62	1.18	1.82	3.54	.43	.18	AMP
				157.94	275.58	298.14	38.14	257.21	298.27	328.71	258.53	PHASE
443	-3.17	13.83	688	2.18	1.91	1.94	1.64	1.51	3.11	1.57	.28	AMP
				188.58	276.49	318.79	18.83	282.71	356.25	359.56	283.68	PHASE
444	-2.36	13.86	688	1.73	1.87	2.33	2.48	1.48	2.42	2.53	.18	AMP
				256.47	272.83	384.55	7.84	318.37	74.74	46.36	248.66	PHASE
445	-1.18	15.94	688	3.17	.33	2.72	3.87	1.44	1.85	1.69	.59	AMP
				384.46	228.43	273.34	341.76	348.48	43.44	218.31	274.68	PHASE
446	-1.16	19.44	687	5.89	.42	3.75	3.76	1.83	1.82	2.84	.73	AMP
				324.85	96.12	288.76	352.93	24.37	68.21	384.24	327.57	PHASE
447	.38	23.81	688	7.38	.91	5.89	5.83	1.46	1.39	3.82	.96	AMP
				325.49	67.81	261.31	322.77	338.58	48.32	273.42	336.62	PHASE
448	.68	25.66	688	8.62	.87	5.98	5.78	1.89	3.21	2.25	1.29	AMP
				333.87	66.98	262.27	326.44	342.88	357.89	278.27	298.88	PHASE
449	.88	25.17	688	9.24	.72	6.56	6.38	1.58	2.49	2.25	1.37	AMP
				331.84	54.81	258.95	325.86	7.61	29.31	265.76	298.42	PHASE
458	-7.88	12.35	688	4.12	3.84	.34	.94	1.88	.85	.58	.56	AMP
				154.11	297.11	291.95	118.29	276.38	254.36	182.99	285.19	PHASE
451	-7.97	18.87	688	3.57	3.33	.88	.98	1.63	1.58	.33	.82	AMP
				178.16	285.22	311.84	87.37	264.48	285.42	81.71	111.68	PHASE
452	-6.76	14.35	688	2.82	2.62	1.31	1.88	1.66	3.99	1.86	.62	AMP
				195.88	275.64	326.38	58.51	271.53	339.62	355.66	126.44	PHASE
453	-5.24	15.12	688	2.28	1.68	1.19	1.36	1.68	4.49	1.75	.48	AMP
				234.82	258.98	331.85	12.89	273.89	21.88	38.66	287.53	PHASE
454	-3.69	12.88	689	2.69	.93	.99	1.84	1.57	3.88	1.34	.51	AMP
				284.16	219.38	324.84	15.99	329.56	39.19	114.18	322.88	PHASE
455	-2.68	14.86	688	4.54	.91	1.76	2.54	1.93	2.99	1.71	1.67	AMP
				318.59	154.48	283.48	355.74	7.21	52.83	263.96	346.96	PHASE
456	-1.92	18.86	687	6.45	1.36	3.86	3.61	2.89	1.51	2.49	1.22	AMP
				326.24	127.89	271.78	337.73	.84	339.32	242.22	356.19	PHASE
457	-1.62	25.63	689	9.18	1.48	4.78	5.36	3.15	4.25	2.87	1.48	AMP
				327.79	98.14	259.76	323.41	346.11	337.24	262.21	353.28	PHASE
458	-1.46	29.86	688	18.53	1.85	5.93	5.99	2.96	6.96	2.31	2.36	AMP
				332.79	76.18	263.81	324.39	335.25	335.17	253.27	321.26	PHASE
459	-8.63	13.24	688	4.89	3.16	1.31	1.23	.96	3.62	.44	.28	AMP
				129.17	291.83	317.61	73.95	329.28	266.28	28.38	13.48	PHASE
468	-8.81	14.66	688	3.55	2.69	1.91	1.47	.73	4.73	.79	.29	AMP
				134.41	278.65	318.18	43.19	319.21	248.13	318.97	6.89	PHASE
461	-7.97	15.46	688	2.51	1.95	2.57	1.83	1.42	4.99	1.61	.58	AMP
				155.33	273.88	384.87	22.21	292.84	292.44	317.32	84.74	PHASE
462	-6.56	12.21	688	1.39	1.31	2.74	2.27	1.59	1.92	1.86	.57	AMP
				197.32	272.55	299.91	18.28	282.39	346.14	342.34	123.27	PHASE
463	-5.19	11.99	688	1.53	.75	3.28	3.12	1.45	.96	1.86	.94	AMP
				288.59	273.31	298.51	11.88	342.18	155.92	159.65	113.71	PHASE
464	-3.71	13.81	618	3.55	.28	4.89	3.68	1.88	1.31	2.82	.72	AMP
				315.78	291.13	268.75	342.86	9.86	83.82	284.42	75.58	PHASE
465	-2.48	16.17	688	5.53	.44	4.85	4.26	.92	1.92	3.89	.95	AMP
				326.79	22.34	274.49	351.35	68.18	188.89	263.12	113.28	PHASE
466	-1.48	21.27	688	8.13	1.28	5.77	5.18	.99	2.73	3.35	1.25	AMP
				329.19	38.34	265.96	341.19	52.27	83.28	268.85	99.15	PHASE
467	-.92	22.66	688	9.46	1.53	6.38	5.71	.44	2.79	2.75	1.62	AMP
				333.23	47.98	253.42	328.23	16.71	22.69	243.47	93.18	PHASE
468	-7.63	18.66	688	3.58	2.32	1.56	1.14	.88	1.95	.42	.11	AMP
				125.94	278.72	389.42	51.18	329.97	252.56	345.86	79.29	PHASE
469	-8.88	11.23	688	2.92	1.98	1.99	1.41	.89	2.69	.53	.27	AMP
				136.74	274.14	385.39	35.93	298.55	278.19	344.58	84.11	PHASE
478	-7.76	18.63	688	1.78	1.44	2.16	1.78	1.29	2.73	1.89	.27	AMP
				154.58	272.23	388.48	21.54	279.88	389.83	17.24	121.88	PHASE
471	-6.34	9.73	688	.52	1.18	2.34	2.25	1.16	.59	1.47	.43	AMP
				248.22	277.89	382.61	27.61	322.27	387.69	114.57	117.35	PHASE
472	-4.64	18.62	688	2.12	.84	3.85	2.82	.84	.48	1.43	.35	AMP
				315.61	288.31	282.41	6.52	333.78	47.23	181.61	82.33	PHASE
473	-3.14	13.55	688	4.23	.84	3.87	3.27	.43	1.75	1.71	.84	AMP
				326.94	383.33	278.84	356.89	5.78	79.85	245.84	48.37	PHASE
474	-1.88	17.55	688	6.94	.97	4.91	3.94	.22	2.89	1.31	1.81	AMP
				327.84	338.87	252.63	335.43	246.27	42.75	278.54	27.82	PHASE
475	-1.31	19.85	687	9.78	1.58	5.99	4.57	1.57	3.81	1.37	.82	AMP
				335.55	354.12	254.23	338.72	255.89	29.34	125.46	57.89	PHASE
476	-.52	22.58	688	18.89	1.54	6.31	4.73	2.22	3.91	2.16	.88	AMP
				335.65	357.71	248.77	322.26	239.61	9.26	144.52	39.42	PHASE

TABLE VIII.- Continued

(a) Continued

TORSION 75 PERCENT RADIUS											
RUN NO 16											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
440	2.23	5.09	600	2.95	2.17	.59	.62	.26	.41	.42	.06 AMP
				200.57	107.12	61.52	340.16	198.25	159.17	330.27	84.41 PHASE
441	.26	4.28	600	2.31	2.02	.52	.60	.23	.29	.33	.19 AMP
				207.75	99.44	50.31	307.02	224.25	145.75	325.54	26.24 PHASE
442	-1.51	3.01	600	1.97	1.07	.49	.59	.21	.16	.32	.22 AMP
				300.20	97.41	43.02	200.47	250.33	129.00	326.05	22.61 PHASE
443	-3.04	3.01	600	1.01	1.70	.38	.60	.27	.09	.28	.28 AMP
				318.17	101.98	60.05	279.77	257.50	142.17	355.17	67.63 PHASE
444	-4.93	4.75	600	1.95	1.57	.36	.81	.36	.12	.43	.34 AMP
				343.20	103.94	85.77	253.05	251.10	326.01	16.56	81.05 PHASE
445	-7.11	5.20	600	2.40	1.40	.35	1.09	.55	.37	.51	.33 AMP
				4.01	94.42	104.02	221.23	243.76	325.00	355.34	60.39 PHASE
446	-8.00	6.41	607	3.02	1.34	.50	1.28	.57	.66	.74	.30 AMP
				19.78	107.69	132.91	236.02	202.04	0.37	42.31	123.09 PHASE
447	-10.47	8.21	600	3.03	1.39	.70	1.50	.55	.95	.97	.61 AMP
				21.47	102.15	124.54	211.00	270.36	351.34	24.42	110.09 PHASE
448	-11.76	9.21	600	4.63	1.45	.66	1.66	.57	1.09	.94	.54 AMP
				25.93	111.64	137.09	217.47	200.39	4.30	29.75	127.44 PHASE
449	-12.30	10.34	600	5.15	1.61	.08	1.81	.73	1.22	.99	.61 AMP
				24.35	109.49	135.19	213.64	207.00	350.34	10.67	115.00 PHASE
450	1.20	4.55	600	2.52	2.36	.49	.50	.22	.15	.27	.21 AMP
				294.21	107.05	49.35	354.36	11.05	150.50	10.67	322.45 PHASE
451	-.57	4.13	600	2.15	2.23	.42	.41	.17	.15	.22	.16 AMP
				303.52	102.14	39.05	332.01	357.04	127.73	.50	36.05 PHASE
452	-2.39	3.01	600	1.76	2.13	.35	.30	.12	.11	.21	.20 AMP
				318.52	96.97	40.05	301.04	329.55	142.49	330.65	60.02 PHASE
453	-4.19	3.74	600	1.70	1.99	.23	.35	.21	.15	.32	.26 AMP
				340.60	92.45	51.37	256.14	203.14	220.09	312.69	63.50 PHASE
454	-6.20	4.41	600	2.02	1.72	.00	.69	.35	.25	.41	.22 AMP
				.34	95.57	91.48	230.03	254.00	206.69	344.04	104.97 PHASE
455	-8.14	5.00	600	2.46	1.40	.20	1.05	.49	.34	.45	.20 AMP
				13.61	90.72	203.12	230.46	257.00	330.00	34.07	171.60 PHASE
456	-9.70	6.74	607	3.00	1.30	.36	1.32	.49	.35	.39	.22 AMP
				20.60	96.75	106.31	226.22	236.55	16.01	41.22	196.97 PHASE
457	-11.52	7.41	600	3.94	1.43	.45	1.53	.47	.54	.43	.33 AMP
				25.72	100.00	163.12	219.52	219.42	15.67	26.77	266.76 PHASE
458	-12.34	7.74	600	4.60	1.33	.36	1.56	.53	.37	.63	.00 AMP
				26.24	115.91	107.62	222.53	211.67	351.17	336.66	101.40 PHASE
459	1.04	4.39	600	2.53	1.00	.63	.60	.14	.31	.39	.11 AMP
				270.90	103.50	67.43	319.64	159.93	156.29	19.34	230.73 PHASE
460	-.56	3.00	600	2.02	1.69	.53	.64	.03	.20	.43	.29 AMP
				206.22	94.07	56.46	205.36	234.33	107.17	349.10	167.30 PHASE
461	-2.40	3.94	600	1.64	1.51	.41	.60	.16	.32	.50	.43 AMP
				311.10	93.00	67.07	266.21	265.44	00.59	342.70	147.74 PHASE
462	-4.02	4.00	600	1.66	1.34	.40	.01	.30	.33	.57	.51 AMP
				332.70	95.09	79.66	252.09	203.14	77.74	333.03	120.93 PHASE
463	-5.95	4.95	600	2.05	1.20	.46	1.06	.61	.44	.63	.67 AMP
				1.07	90.02	112.05	246.20	200.63	42.50	1.43	127.01 PHASE
464	-8.00	6.21	610	2.72	1.14	.54	1.30	.90	.65	.61	.03 AMP
				11.60	05.36	115.95	216.41	271.43	356.10	330.51	70.64 PHASE
465	-9.61	6.07	600	3.44	1.00	.66	1.60	1.21	.04	.60	.05 AMP
				22.40	92.99	140.00	227.43	296.55	13.03	12.75	107.52 PHASE
466	-11.35	7.07	600	4.40	1.11	.05	1.06	1.33	1.01	.65	.09 AMP
				25.99	96.49	142.25	217.10	296.35	10.32	357.02	97.12 PHASE
467	-12.40	0.74	600	5.27	1.26	.95	1.92	1.30	1.24	.75	.00 AMP
				25.29	90.17	144.06	205.59	295.94	359.90	351.79	77.29 PHASE
468	.25	3.54	600	1.99	1.39	.46	.44	.05	.23	.20	.27 AMP
				270.07	92.97	50.00	270.00	202.94	104.00	340.72	150.13 PHASE
469	-1.41	3.20	600	1.56	1.21	.34	.50	.10	.24	.27	.31 AMP
				295.33	91.79	60.97	260.79	203.19	01.36	327.90	139.00 PHASE
470	-3.29	2.94	600	1.00	1.00	.30	.59	.16	.27	.30	.27 AMP
				325.04	93.41	71.01	253.92	207.13	03.04	307.00	110.74 PHASE
471	-5.13	3.34	600	1.54	.96	.32	.71	.20	.24	.30	.34 AMP
				357.32	100.99	102.50	254.46	209.52	64.05	340.10	123.99 PHASE
472	-7.14	3.94	600	2.14	.07	.30	.06	.45	.32	.24	.43 AMP
				12.79	93.20	114.30	230.33	201.32	23.50	317.04	90.00 PHASE
473	-0.93	4.60	600	2.07	.79	.46	1.01	.55	.40	.10	.43 AMP
				20.74	91.24	124.40	210.60	203.76	0.11	291.21	04.50 PHASE
474	-10.05	5.61	600	3.02	.70	.60	1.20	.63	.51	.20	.30 AMP
				22.33	02.57	123.61	197.77	276.02	341.05	245.00	40.00 PHASE
475	-12.50	6.61	607	4.95	.01	.64	1.36	.60	.63	.33	.56 AMP
				20.73	99.21	129.79	194.03	203.49	344.15	200.30	49.00 PHASE
476	-13.35	6.01	600	5.51	.06	.69	1.43	.55	.69	.26	.61 AMP
				27.20	93.66	116.60	177.04	276.34	329.67	259.64	21.51 PHASE

TABLE VIII.- Continued

(a) Concluded

PITCH LINK												
RUN NO 16												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
448	-5.88	6.73	688	3.95	2.42	1.82	.74	.68	.68	.66	.44	AMP
441	-4.28	6.98	688	112.25	385.15	219.27	183.51	269.92	337.64	78.85	128.18	PHASE
442	-2.57	6.98	688	3.61	2.88	1.89	.91	.41	.42	.58	.49	AMP
443	-.92	6.54	688	142.71	288.88	214.24	78.37	244.44	329.68	61.43	181.45	PHASE
444	1.12	8.16	688	3.75	1.73	1.86	1.85	.24	.23	.58	.51	AMP
445	3.41	18.48	688	163.16	278.38	228.49	64.23	227.28	333.83	98.55	114.65	PHASE
446	5.39	13.11	687	4.28	1.74	.61	1.25	.28	.34	.68	.51	AMP
447	7.52	18.16	688	188.72	278.85	245.28	57.19	235.58	6.29	133.31	148.74	PHASE
448	9.86	21.75	688	4.97	1.87	.27	1.95	.24	.37	.62	.67	AMP
449	18.82	25.33	688	195.62	269.81	292.11	55.48	6.34	98.39	165.87	168.39	PHASE
450	-5.29	6.54	688	6.47	2.21	.63	2.35	.48	.34	.93	.78	AMP
451	-3.65	6.74	688	191.93	252.88	387.64	33.55	42.87	88.66	133.88	158.74	PHASE
452	-1.98	6.82	688	8.58	2.53	1.38	2.82	.78	.65	1.28	.71	AMP
453	-.88	7.86	688	281.19	256.85	339.38	56.44	84.38	157.78	181.41	234.88	PHASE
454	2.28	9.68	689	18.88	3.15	2.11	3.51	.83	1.88	1.49	1.49	AMP
455	4.65	13.58	688	197.31	245.85	343.85	41.32	74.84	161.35	164.28	216.86	PHASE
456	6.77	16.73	687	12.73	3.33	2.34	3.86	.91	1.29	1.52	1.77	AMP
457	9.42	19.83	689	197.77	249.39	.31	53.34	69.84	179.28	165.68	238.23	PHASE
458	11.81	23.18	688	14.87	3.62	2.99	3.88	.96	1.48	2.89	2.18	AMP
459	-3.94	6.66	688	197.34	247.25	3.47	51.37	93.54	175.74	158.87	212.18	PHASE
460	-2.48	7.86	688	3.91	2.81	.93	.48	.81	.22	.33	.44	AMP
461	-.47	7.18	688	139.68	381.81	231.24	111.88	218.33	41.67	71.76	38.35	PHASE
462	1.13	7.57	688	3.78	1.87	1.84	.45	.63	.28	.25	.18	AMP
463	3.11	9.88	688	162.21	291.18	242.56	86.16	225.66	14.38	78.69	187.16	PHASE
464	5.28	12.43	618	4.18	1.81	1.83	.53	.49	.25	.23	.29	AMP
465	7.85	14.22	688	173.85	279.13	255.53	49.68	218.24	9.61	121.67	188.85	PHASE
466	9.88	17.33	688	4.95	1.93	.93	.85	.45	.45	.42	.62	AMP
467	18.38	22.22	688	181.68	266.32	279.84	37.47	281.92	25.69	135.57	282.52	PHASE
468	-2.36	4.95	688	6.36	2.18	.99	1.58	.18	.39	.21	.74	AMP
469	-.78	5.15	688	187.85	268.49	388.13	48.42	3.87	77.53	145.37	233.11	PHASE
470	.97	6.98	688	8.34	2.49	1.53	2.58	.45	.88	1.88	.78	AMP
471	2.79	7.45	688	192.32	272.43	344.33	62.71	38.58	175.26	55.81	298.84	PHASE
472	4.75	9.84	688	18.27	2.83	1.96	2.82	1.84	1.35	.75	.75	AMP
473	6.63	18.99	688	193.65	272.85	355.48	59.54	359.47	357.89	61.86	288.88	PHASE
474	8.88	13.66	688	12.81	3.86	2.46	3.86	1.36	1.16	1.38	1.53	AMP
475	18.67	16.61	687	195.99	264.23	9.88	64.88	17.46	41.86	116.89	322.61	PHASE
476	11.52	19.16	688	14.82	2.73	2.34	2.38	1.86	.91	2.13	1.28	AMP
				194.97	261.19	39.89	75.28	15.88	122.82	151.88	244.79	PHASE
				3.22	1.85	.98	.85	.99	.38	.67	.88	AMP
				139.62	288.23	218.22	86.61	265.62	346.13	89.44	158.82	PHASE
				3.51	1.54	.85	.93	.74	.18	.72	.45	AMP
				153.28	272.73	281.67	64.11	228.88	293.61	62.64	178.88	PHASE
				4.82	1.41	.51	1.28	.57	.12	.78	.84	AMP
				171.93	259.84	211.18	46.83	192.67	214.63	97.35	199.18	PHASE
				4.58	1.37	.21	1.58	.88	.17	.74	1.86	AMP
				189.36	258.21	287.52	44.28	173.93	75.98	117.98	199.32	PHASE
				5.67	1.59	.25	2.85	1.87	.56	.86	1.77	AMP
				196.82	253.92	327.28	58.17	147.34	131.89	149.82	287.86	PHASE
				7.41	1.98	.82	2.54	1.82	.75	1.84	2.19	AMP
				196.16	237.17	331.42	28.17	113.86	189.83	127.43	168.12	PHASE
				9.17	2.33	1.41	2.83	2.38	.95	1.28	2.32	AMP
				282.94	248.19	348.84	43.42	134.85	137.83	158.89	192.88	PHASE
				11.51	3.88	2.29	3.22	2.77	1.86	1.38	2.61	AMP
				283.39	235.25	349.24	35.64	128.39	148.42	153.48	182.84	PHASE
				13.38	3.58	2.97	3.44	2.78	1.48	1.71	2.97	AMP
				288.29	231.88	347.45	27.47	121.62	159.59	146.78	165.88	PHASE
				2.58	1.89	.55	.64	.53	.88	.44	.33	AMP
				158.13	268.58	219.75	78.88	284.33	282.88	68.88	197.66	PHASE
				3.11	.97	.36	.75	.45	.17	.36	.42	AMP
				175.53	258.76	281.52	55.72	172.48	233.37	73.87	196.58	PHASE
				3.88	.93	.18	1.88	.57	.14	.49	.59	AMP
				184.82	254.58	284.88	48.35	161.42	328.53	98.18	187.29	PHASE
				4.85	2.88	1.18	1.26	.71	.18	.35	.82	AMP
				283.83	255.44	324.44	57.82	142.91	166.83	132.68	286.69	PHASE
				6.22	1.12	.56	1.46	1.16	.23	.29	.96	AMP
				282.54	241.24	338.46	48.49	128.69	155.88	117.33	169.42	PHASE
				7.85	1.39	1.82	1.66	1.48	.22	.24	1.14	AMP
				284.83	232.91	348.52	32.85	116.18	151.29	98.89	155.88	PHASE
				18.12	1.84	1.56	1.82	1.88	1.48	.82	1.22	AMP
				284.19	222.29	341.37	13.58	96.55	126.66	82.63	122.78	PHASE
				12.73	2.47	2.87	2.18	2.87	.88	.55	1.45	AMP
				286.24	222.81	352.28	13.28	96.86	138.86	158.16	148.21	PHASE
				14.23	2.79	2.38	2.17	2.88	1.82	.49	1.54	AMP
				282.74	219.86	346.79	356.21	81.18	134.98	152.18	188.85	PHASE

TABLE VIII.- Continued

(b) $\mu = 0.30$; $M_T = 0.62$

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CG/SIGMA
477	-1.0	2.1	6.0	.01654	-.00102	.00198
478	-1.4	3.1	8.0	.02957	-.00352	.00290
479	-1.0	4.7	9.8	.03946	-.00547	.00354
480	-1.2	5.5	12.0	.05765	-.00854	.00481
481	-2.0	6.4	13.8	.06867	-.01080	.00595
482	-2.5	7.2	15.9	.08353	-.01527	.00721
483	-3.3	8.1	18.0	.09570	-.01590	.00866
484	-3.6	8.6	19.0	.10242	-.01722	.00965
485	.2	2.8	3.9	.01666	.00005	.00159
486	.1	3.2	6.1	.03623	-.00165	.00211
487	-.4	3.9	7.9	.04917	-.00285	.00266
488	-1.3	5.4	10.2	.06186	-.00454	.00353
489	-1.9	6.2	12.0	.07564	-.00589	.00427
490	-2.4	6.7	13.8	.08915	-.00695	.00525
491	-2.7	7.2	14.6	.09473	-.00767	.00574
492	-3.1	8.0	15.9	.10062	-.00886	.00660
493	.6	2.5	2.0	.02252	.00139	.00121
494	.3	2.8	4.0	.03996	.00174	.00128
495	-.2	3.7	6.1	.05499	.00180	.00155
496	-1.1	5.0	8.0	.06604	.00108	.00208
497	-1.6	5.8	9.9	.07446	.00087	.00265
498	-2.3	6.8	12.0	.09256	.00056	.00340
499	-2.7	7.3	12.8	.09665	-.00003	.00391

TABLE VIII.- Continued

(b) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO 16											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
477	44.82	12.35	585	5.93	3.71	4.21	1.75	3.75	1.24	.82	.86 AMP
				156.76	348.28	37.93	359.27	98.22	332.55	259.26	91.45 PHASE
478	45.82	12.78	584	6.22	3.85	4.35	1.92	3.56	1.35	.86	.78 AMP
				153.89	342.21	29.45	348.57	89.82	322.15	243.28	78.93 PHASE
479	47.22	12.77	585	6.73	3.86	4.17	1.94	3.45	1.38	.66	.67 AMP
				148.93	346.14	28.95	337.15	72.55	312.84	227.19	54.88 PHASE
488	49.37	13.37	585	6.43	4.21	4.87	2.28	3.91	1.32	.64	.66 AMP
				137.15	346.97	6.91	321.28	68.28	288.11	198.71	22.87 PHASE
481	58.98	14.58	584	6.34	4.46	3.79	2.88	3.67	1.32	.68	.72 AMP
				127.38	354.65	3.83	326.65	71.77	287.73	191.18	33.22 PHASE
482	52.93	14.84	584	6.58	4.82	3.53	2.82	3.82	1.31	.83	.61 AMP
				188.44	356.88	345.83	383.16	67.39	264.74	176.17	355.79 PHASE
483	54.53	15.98	585	7.22	5.48	3.41	1.82	3.65	1.33	.97	.61 AMP
				88.66	359.34	324.17	276.13	69.61	243.84	166.22	326.82 PHASE
484	55.43	17.29	586	8.55	6.87	3.58	1.95	3.46	1.47	.95	.57 AMP
				75.88	.58	311.13	257.75	72.67	235.22	172.85	294.46 PHASE
485	43.19	17.18	585	7.68	4.75	5.36	2.59	4.76	1.77	1.32	1.71 AMP
				155.48	332.18	48.73	355.84	114.12	347.11	258.47	123.42 PHASE
486	45.15	16.43	584	7.45	4.72	5.79	2.64	4.45	1.98	1.58	1.46 AMP
				156.68	331.15	48.87	341.93	185.49	334.24	246.91	125.36 PHASE
487	46.64	14.98	584	7.19	4.59	5.55	2.55	4.55	1.77	1.39	1.29 AMP
				151.77	332.94	34.63	331.26	94.76	323.16	243.88	126.97 PHASE
488	48.43	14.93	585	6.99	4.98	5.28	2.52	4.63	1.67	1.51	1.11 AMP
				143.57	336.53	24.99	315.12	85.13	384.94	228.73	117.42 PHASE
489	49.94	14.67	585	6.88	4.38	4.77	2.24	4.93	1.38	1.48	1.22 AMP
				136.61	343.85	24.34	318.66	94.84	384.95	238.32	118.26 PHASE
498	51.66	15.84	585	6.89	4.25	4.39	2.23	4.68	1.52	1.68	1.34 AMP
				128.26	346.88	18.13	288.99	84.76	276.37	288.55	133.66 PHASE
491	52.36	15.78	584	6.25	4.38	4.23	2.21	4.69	1.44	1.92	1.74 AMP
				112.18	358.86	3.41	281.95	89.83	266.26	282.62	135.16 PHASE
492	53.15	16.62	584	6.44	4.73	4.84	2.27	4.91	1.47	2.84	1.88 AMP
				182.28	357.76	354.98	276.18	96.76	261.54	284.92	144.69 PHASE
493	42.63	28.76	583	8.55	6.15	5.71	3.71	4.98	2.25	1.72	2.25 AMP
				156.43	326.79	68.99	5.34	124.92	347.81	257.98	137.23 PHASE
494	44.42	28.26	585	8.51	6.85	6.36	3.48	4.48	2.39	1.92	1.65 AMP
				154.25	319.86	52.65	345.54	93.76	313.51	235.52	121.58 PHASE
495	46.87	18.55	584	8.22	5.66	6.88	3.86	4.38	2.16	1.81	1.17 AMP
				154.19	327.13	57.41	356.48	183.72	331.77	261.57	155.21 PHASE
496	47.52	18.56	584	7.99	5.26	6.84	2.87	4.47	2.22	1.87	.88 AMP
				146.48	327.64	48.11	348.86	84.88	315.58	258.96	282.21 PHASE
497	49.81	18.59	585	7.36	4.76	5.67	2.46	4.88	2.88	1.78	1.88 AMP
				148.83	332.88	44.25	345.98	85.34	381.49	251.89	235.88 PHASE
498	58.32	28.31	585	7.28	4.57	5.25	2.42	2.98	1.69	1.57	3.14 AMP
				128.38	339.87	33.32	332.71	86.12	279.57	232.49	229.34 PHASE
499	58.89	21.89	585	7.83	4.88	5.14	2.36	2.94	1.76	1.68	3.78 AMP
				128.28	338.12	19.74	315.67	73.94	254.21	217.23	289.72 PHASE

CHORDWISE 25 PERCENT RADIUS											
RUN NO 16											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
477	58.87	16.38	585	3.52	2.18	4.64	2.53	.68	3.38	1.63	.63 AMP
				272.88	133.15	272.56	66.54	136.75	348.87	98.16	152.88 PHASE
478	51.81	19.54	584	7.42	3.94	7.37	3.99	1.54	2.96	2.72	.75 AMP
				313.52	131.69	248.55	45.42	329.31	94.64	97.68	145.74 PHASE
479	52.82	32.38	585	17.41	6.53	11.25	4.47	2.54	2.38	2.58	2.58 AMP
				333.95	143.56	234.84	33.41	333.45	139.85	111.89	139.88 PHASE
488	52.45	58.34	585	34.88	7.17	18.42	5.88	2.31	2.86	1.61	1.73 AMP
				353.99	152.67	231.17	31.49	2.79	339.61	388.93	159.58 PHASE
481	52.69	76.13	584	47.15	7.68	22.61	6.26	1.44	3.33	2.59	.59 AMP
				359.44	169.22	237.96	43.11	9.25	2.21	338.27	178.24 PHASE
482	52.36	97.98	584	65.39	7.49	27.86	6.14	2.88	3.98	2.95	.44 AMP
				1.22	177.27	235.88	28.19	252.92	15.71	354.98	171.68 PHASE
483	52.48	114.15	585	82.53	8.88	31.23	6.57	4.87	5.58	2.43	.68 AMP
				1.13	192.67	232.89	21.88	239.61	42.51	19.88	147.81 PHASE
484	53.61	125.38	586	97.47	9.99	32.98	6.87	6.57	6.61	1.34	.45 AMP
				3.68	288.79	232.18	7.32	258.23	45.76	23.91	76.23 PHASE
485	49.99	28.52	585	7.29	4.78	6.87	2.18	1.88	1.48	3.35	.85 AMP
				281.22	122.67	274.38	62.52	148.85	66.66	111.32	182.26 PHASE
486	49.95	36.12	584	15.42	9.78	18.61	4.84	2.16	4.25	4.88	.73 AMP
				318.52	128.78	255.22	32.84	351.33	146.38	96.91	173.64 PHASE
487	49.94	43.84	584	23.55	11.29	14.27	5.65	2.29	2.85	2.54	1.28 AMP
				334.97	137.17	243.85	37.48	11.41	185.46	85.31	181.57 PHASE
488	49.91	57.51	585	34.16	11.98	18.71	5.53	2.54	2.77	1.77	.97 AMP
				348.31	143.88	237.81	35.81	6.92	264.97	27.38	178.29 PHASE
489	49.27	73.28	585	44.49	12.38	22.58	5.74	3.88	3.26	2.95	.84 AMP
				347.17	151.62	242.15	43.29	13.67	318.95	352.19	187.88 PHASE
498	47.78	91.64	585	59.52	11.87	26.37	5.77	2.67	4.73	6.16	.53 AMP
				353.14	158.19	238.99	39.23	22.55	345.76	338.82	284.14 PHASE
491	46.83	188.54	584	66.13	11.46	28.82	5.99	2.48	6.81	6.82	.69 AMP
				354.79	151.94	248.37	34.56	6.14	354.18	342.88	235.95 PHASE
492	46.59	111.78	584	75.88	18.26	38.11	5.78	2.79	6.64	7.61	.68 AMP
				356.38	158.85	243.88	38.75	353.22	5.81	348.18	298.79 PHASE
493	48.59	29.35	583	12.86	5.87	7.82	2.32	2.97	1.98	3.67	1.49 AMP
				277.18	127.72	279.91	84.32	317.93	257.71	116.47	215.35 PHASE
494	47.63	36.82	585	18.11	18.33	18.52	2.88	4.41	1.87	3.52	1.87 AMP
				298.18	134.82	261.85	15.59	293.28	171.68	87.31	175.64 PHASE
495	46.42	47.12	584	26.58	13.33	13.55	4.22	4.93	4.82	3.25	.78 AMP
				325.28	147.72	256.16	49.37	318.61	234.49	121.27	284.18 PHASE
496	45.39	55.16	584	34.66	14.17	17.34	4.58	5.11	4.81	2.77	.77 AMP
				338.18	148.88	249.56	46.91	312.72	251.53	114.43	199.89 PHASE
497	44.13	67.25	585	45.72	14.86	19.87	5.58	4.56	3.19	3.82	.65 AMP
				339.88	149.85	258.38	53.56	321.99	313.89	48.28	277.58 PHASE
498	42.53	88.27	585	57.95	15.23	24.88	6.89	4.41	5.84	5.28	1.74 AMP
				347.17	151.28	258.57	49.93	325.38	343.84	2.88	297.78 PHASE
499	41.93	93.85	585	62.51	14.36	25.89	5.89	3.98	7.42	7.28	2.89 AMP
				345.16	146.19	241.42	33.26	319.36	348.27	347.48	291.76 PHASE

TABLE VIII.- Continued

(b) Continued

TORSION 28 PERCENT RADIUS												
RUN NO 16												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
477	.88	5.87	585	2.68	1.19	.31	.84	.91	.53	.25	.26	AMP
				312.18	121.88	27.41	319.95	39.64	178.19	328.32	182.18	PHASE
478	-.88	4.93	584	2.58	.98	.19	.85	.93	.58	.18	.35	AMP
				329.79	125.38	7.99	383.49	41.89	192.86	323.89	166.98	PHASE
479	-2.41	4.98	585	2.83	.75	.14	.81	.98	.42	.23	.33	AMP
				342.45	138.28	298.59	292.46	35.78	177.28	336.22	144.54	PHASE
488	-4.86	6.84	585	3.64	.77	.35	1.25	.98	.64	.41	.19	AMP
				358.67	131.23	259.33	286.98	24.58	169.96	383.25	129.88	PHASE
481	-6.69	6.81	584	4.42	.73	.59	1.27	.99	.71	.52	.14	AMP
				9.88	142.84	256.73	293.81	41.71	189.48	388.62	129.48	PHASE
482	-8.96	9.11	584	5.81	.86	1.84	1.27	1.17	.73	.72	.12	AMP
				14.36	135.78	244.95	283.76	37.98	186.99	298.15	17.38	PHASE
483	-11.12	11.61	585	7.58	1.14	1.58	1.22	1.44	.52	.71	.28	AMP
				16.37	124.79	233.98	271.62	36.78	166.43	287.21	4.58	PHASE
484	-12.57	13.48	586	9.89	1.28	1.69	1.84	1.71	.55	.56	.18	AMP
				14.81	98.24	238.61	273.36	39.49	136.41	272.73	299.64	PHASE
485	1.98	6.69	585	3.22	1.89	.34	1.17	1.12	.54	.17	.48	AMP
				318.21	122.98	51.28	322.68	62.14	178.36	.89	191.69	PHASE
486	-.24	6.66	584	3.18	1.66	.12	1.31	1.89	.38	.21	.46	AMP
				331.58	122.86	45.47	383.13	59.11	281.98	344.58	194.82	PHASE
487	-2.81	6.71	584	3.41	1.52	.13	1.38	1.17	.58	.48	.51	AMP
				343.86	121.44	298.93	296.97	59.57	187.88	341.96	197.18	PHASE
488	-4.11	7.85	585	4.84	1.33	.26	1.42	1.19	.48	.57	.39	AMP
				354.44	121.78	251.93	289.23	54.78	182.34	322.59	195.62	PHASE
489	-5.96	8.16	585	4.86	1.34	.52	1.49	1.35	.58	.71	.43	AMP
				3.87	123.73	244.74	293.41	62.16	195.71	329.91	198.29	PHASE
498	-8.35	18.48	585	6.48	1.72	.98	1.58	1.48	.62	.78	.56	AMP
				9.54	117.22	239.39	289.98	54.81	281.24	312.93	197.31	PHASE
491	-9.58	11.38	584	7.39	1.99	1.32	1.58	1.45	.45	.82	.66	AMP
				11.64	118.58	239.12	289.35	53.48	238.15	323.98	189.61	PHASE
492	-18.78	12.89	584	8.52	2.25	1.54	1.51	1.49	.39	.85	.75	AMP
				13.98	116.61	248.46	298.38	54.37	279.84	337.39	281.17	PHASE
493	2.73	7.52	583	3.67	2.32	.44	1.71	1.18	.45	.21	.65	AMP
				318.84	139.58	87.69	338.43	84.72	199.28	21.62	227.82	PHASE
494	.64	7.62	585	3.66	2.86	.26	1.58	.98	.45	.32	.49	AMP
				331.81	129.88	71.83	315.11	46.66	213.13	322.78	197.58	PHASE
495	-1.53	7.86	584	4.85	1.93	.89	1.55	1.81	.43	.68	.29	AMP
				347.39	132.68	348.33	328.49	66.32	249.56	339.98	241.52	PHASE
496	-3.43	8.36	584	4.65	1.89	.17	1.76	.98	.32	.82	.38	AMP
				354.28	128.26	267.86	389.85	52.85	242.25	342.86	291.98	PHASE
497	-5.77	9.65	585	5.88	2.89	.51	1.85	.89	.34	.88	.75	AMP
				2.43	123.95	254.81	388.69	44.88	287.64	347.64	298.16	PHASE
498	-8.36	11.62	585	7.68	2.47	.83	2.89	.98	.68	1.82	1.16	AMP
				7.54	128.84	252.57	381.44	11.47	342.35	343.52	296.18	PHASE
499	-9.43	13.21	585	8.42	2.62	.93	2.16	1.86	.72	1.17	1.54	AMP
				5.53	111.48	242.62	288.67	353.57	322.78	319.27	274.19	PHASE

TABLE VIII.- Continued

(b) Continued

FLAPWISE 37 PERCENT RADIUS											
RUN NO 15											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
477	28.82	14.66	585	9.65	5.21	5.47	1.27	2.83	.32	.29	.29
				145.35	339.47	42.33	344.95	98.87	388.32	239.75	244.17
478	38.45	15.88	584	18.46	5.45	6.88	1.27	1.84	.61	.27	.24
				145.42	338.87	34.63	335.92	92.55	298.33	248.57	231.58
479	31.93	16.27	585	11.38	5.54	6.28	1.24	1.75	.52	.25	.28
				143.62	339.68	28.37	328.27	78.13	289.88	232.68	287.59
480	33.94	18.21	585	12.35	5.87	6.52	1.38	2.84	.49	.34	.27
				142.65	337.88	28.61	388.54	58.39	268.42	225.73	162.33
481	35.58	18.36	584	12.85	6.38	6.52	1.27	1.98	.54	.35	.38
				144.27	343.88	25.29	313.84	78.85	254.66	263.28	195.68
482	37.46	19.45	584	13.55	6.52	6.36	1.17	2.18	.58	.24	.31
				141.74	342.25	16.62	292.79	65.39	225.51	271.61	159.16
483	39.18	28.88	585	13.89	6.87	5.98	1.88	1.92	.71	.16	.34
				138.25	342.85	8.31	271.19	64.63	218.13	262.88	135.37
484	39.92	19.87	586	14.86	7.22	5.39	.96	1.62	.78	.85	.37
				135.38	343.38	2.61	254.31	69.27	284.89	185.75	184.83
485	27.18	19.85	585	11.37	6.79	6.91	1.75	2.56	.54	.34	.46
				143.15	328.44	49.51	344.87	116.86	321.56	258.67	278.22
486	28.78	21.24	584	12.88	7.89	7.78	1.66	2.39	.64	.37	.32
				143.99	324.99	42.66	334.48	111.55	314.85	236.85	264.86
487	38.23	28.97	584	12.82	7.88	7.82	1.63	2.24	.54	.38	.21
				143.44	325.85	37.38	323.84	188.84	388.76	213.18	277.86
488	32.11	28.76	585	13.45	6.87	7.89	1.48	2.28	.56	.43	.14
				141.51	326.56	31.18	387.33	87.86	273.94	198.22	278.78
489	33.58	21.87	585	13.79	6.74	7.84	1.29	2.39	.55	.48	.57
				142.17	329.96	32.91	388.58	97.18	265.47	215.18	266.38
490	35.23	28.56	585	13.99	6.21	7.67	1.26	2.16	.64	.33	.14
				139.12	327.61	24.42	272.31	98.21	234.81	194.98	292.34
491	35.88	28.57	584	14.21	6.22	7.58	1.29	2.22	.69	.33	.28
				137.75	328.75	21.41	262.98	95.62	221.89	184.84	311.43
492	36.79	21.82	584	14.35	6.17	7.28	1.28	2.33	.78	.38	.22
				137.13	334.82	28.11	256.83	183.88	214.78	183.41	329.84
493	25.44	24.92	583	12.93	8.86	8.84	2.43	3.83	.55	.57	.57
				145.39	326.39	66.57	352.98	131.18	358.74	257.58	297.33
494	27.87	25.84	585	13.84	8.75	7.87	2.12	2.64	.57	.38	.39
				143.87	317.71	51.17	341.32	183.68	317.59	284.27	278.21
495	28.73	24.46	584	14.47	8.37	7.84	1.88	2.34	.44	.33	.21
				146.51	323.42	55.77	352.12	114.98	351.81	218.73	316.29
496	38.25	23.76	584	14.91	7.95	8.28	1.67	2.33	.42	.48	.86
				143.62	321.98	47.14	345.29	93.38	328.87	282.98	6.82
497	31.88	23.13	585	15.83	7.32	8.34	1.34	2.14	.51	.44	.57
				142.97	323.88	48.87	347.85	93.59	276.66	286.99	91.79
498	33.14	22.88	585	15.52	7.65	8.43	1.38	1.54	.42	.48	.63
				141.18	324.77	37.81	338.93	93.89	232.23	216.43	79.37
499	33.79	22.74	585	15.49	7.36	8.58	1.24	1.59	.56	.51	.85
				137.82	328.28	26.48	316.21	88.34	285.87	191.72	55.22

CHORDWISE 37 PERCENT RADIUS											
RUN NO 16											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
477	22.48	19.42	585	4.87	2.23	3.42	3.45	.93	4.81	2.58	.73
				275.92	128.69	292.44	59.74	148.37	345.82	89.91	183.23
478	22.99	21.11	584	7.15	3.59	5.29	5.13	1.18	3.66	4.44	.88
				386.64	131.89	266.81	48.17	318.28	79.16	91.67	158.37
479	22.94	27.87	585	14.89	5.48	8.28	5.95	2.55	2.26	4.18	.97
				327.21	141.27	247.71	36.89	325.19	133.49	112.97	158.86
480	22.73	49.87	585	26.35	5.94	13.98	7.64	2.78	4.53	3.74	1.58
				346.38	148.51	241.83	31.15	359.85	326.75	279.43	156.84
481	22.25	63.55	584	35.45	6.23	17.27	8.52	1.98	4.82	5.51	1.44
				351.96	164.47	248.84	48.97	9.28	347.87	387.72	171.67
482	28.87	79.29	584	49.12	6.24	22.21	8.23	4.68	4.81	5.54	.89
				354.84	178.31	245.55	26.44	265.33	.66	332.75	151.58
483	19.55	87.97	585	62.88	7.88	25.63	18.15	3.91	6.16	4.21	1.18
				354.14	183.98	242.14	17.32	241.64	35.84	359.88	186.12
484	28.19	95.86	586	72.16	9.24	28.52	9.88	7.34	8.12	2.34	2.16
				357.43	188.79	239.99	2.17	261.87	39.32	18.68	48.39
485	22.64	28.55	585	7.37	4.24	4.95	3.51	1.58	1.96	5.53	.89
				279.42	111.54	283.95	54.83	159.93	48.87	184.58	233.35
486	22.22	38.84	584	13.48	8.83	7.84	6.58	1.31	4.78	6.72	.51
				318.23	124.98	266.99	34.73	332.43	139.26	92.81	293.37
487	21.64	39.57	584	19.25	9.52	18.73	7.52	1.43	1.71	3.83	.85
				325.89	133.28	254.82	38.24	.62	288.43	88.12	162.72
488	28.82	58.86	585	27.26	18.21	14.48	7.84	2.89	3.59	2.32	.77
				332.15	139.15	249.72	35.81	1.18	277.64	22.18	129.94
489	19.51	69.86	585	35.24	18.88	17.86	8.56	2.75	5.69	4.52	.81
				339.57	146.72	254.29	43.62	9.35	317.19	339.51	156.97
490	16.98	77.93	585	46.83	11.27	21.74	9.88	2.54	7.63	18.15	.31
				345.88	145.82	251.72	37.71	14.69	348.42	338.17	33.82
491	15.58	84.43	584	52.27	11.31	23.63	9.46	2.56	9.28	11.29	.89
				347.69	146.47	253.87	33.89	351.69	348.75	335.39	384.89
492	14.71	91.61	584	59.17	18.73	25.96	9.43	3.27	9.94	12.68	1.78
				349.66	152.88	255.19	38.33	341.83	1.48	342.69	333.38
493	21.78	25.47	583	11.62	5.35	6.88	3.59	3.58	2.72	5.83	.24
				275.96	119.13	284.84	71.38	389.36	268.62	118.51	232.44
494	28.67	34.45	585	16.34	8.98	8.28	3.88	4.86	1.55	6.12	1.43
				294.26	129.99	268.62	31.17	282.88	177.35	79.52	281.91
495	19.11	44.74	584	22.66	11.92	18.61	6.52	5.58	4.39	5.89	.12
				318.86	143.47	267.26	54.65	384.16	248.19	121.47	129.82
496	17.56	58.89	584	29.86	12.97	13.79	7.27	5.89	4.93	5.23	1.35
				324.23	143.87	261.92	52.59	383.89	262.41	128.37	93.18
497	15.38	68.81	585	37.77	14.15	15.98	8.95	5.62	4.78	3.82	1.81
				333.96	144.87	264.58	57.42	315.98	328.32	58.88	77.97
498	12.51	76.29	585	47.81	15.85	19.94	9.88	6.59	8.89	7.38	2.34
				341.38	146.84	265.88	52.54	324.17	348.92	355.33	29.67
499	11.51	76.66	585	51.67	14.61	21.77	9.93	6.24	1.36	18.34	3.88
				339.38	141.74	256.39	36.12	319.92	352.58	344.13	4.92

TABLE VIII.- Continued

(b) Continued

TORSION 36 PERCENT RADIUS											
RUN NO 16											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
477	.49	4.91	585	2.75	1.34	.22	.74	.88	.48	.21	.19
				389.86	184.81	14.52	298.47	3.53	138.33	283.84	132.88
478	-1.35	4.83	584	2.73	1.87	.88	.77	.82	.46	.17	.24
				326.87	188.32	351.61	274.56	5.77	158.84	283.98	115.12
479	-2.88	4.79	585	3.84	.88	.18	.98	.81	.39	.22	.25
				337.77	111.62	288.15	263.24	358.33	134.46	292.57	98.76
480	-5.34	5.87	585	3.81	.84	.25	1.89	.87	.57	.37	.13
				352.18	114.79	216.11	257.71	347.41	127.64	268.12	68.75
481	-7.12	6.57	584	4.52	.88	.46	1.12	.86	.62	.44	.18
				2.82	127.17	214.72	264.87	5.85	148.16	263.83	73.28
482	-9.35	8.44	584	5.75	.98	.84	1.13	1.82	.67	.61	.18
				7.43	123.98	287.57	255.78	2.27	142.58	245.58	334.58
483	-11.49	18.62	585	7.23	1.22	1.32	1.88	1.26	.49	.64	.22
				9.41	115.17	199.59	244.86	2.17	122.46	242.13	316.88
484	-12.94	12.38	586	8.67	1.33	1.34	.88	1.53	.54	.52	.14
				7.69	92.26	282.84	249.15	5.68	94.49	228.89	261.72
485	1.39	6.21	585	3.28	2.88	.27	1.82	.96	.58	.28	.34
				384.91	188.63	38.24	294.68	24.88	136.24	328.36	146.71
486	-.88	6.21	584	3.18	1.76	.84	1.14	.98	.38	.23	.31
				325.46	189.88	27.85	274.89	28.55	153.76	389.87	152.24
487	-2.52	6.48	584	3.48	1.68	.14	1.12	.95	.45	.39	.35
				337.57	188.45	232.73	269.58	28.64	141.31	382.64	151.15
488	-4.61	6.72	585	4.11	1.39	.24	1.21	.99	.44	.53	.27
				347.58	188.31	212.58	262.12	16.22	135.58	283.59	158.21
489	-6.44	7.77	585	4.87	1.48	.88	1.28	.52	.63	.63	.29
				356.96	111.96	212.43	266.17	23.42	148.71	286.68	145.59
490	-8.77	9.58	585	6.29	1.78	.91	1.41	1.16	.57	.68	.48
				2.77	185.48	286.55	262.14	17.15	148.45	267.32	158.18
491	-9.98	18.58	584	7.16	2.88	1.17	1.42	1.28	.35	.72	.48
				4.66	185.54	286.68	268.39	15.47	169.88	276.76	139.63
492	-11.15	11.75	584	8.21	2.27	1.38	1.35	1.27	.28	.74	.57
				7.27	184.27	286.84	261.44	16.52	219.78	289.59	149.51
493	2.16	7.88	583	3.72	2.44	.31	1.46	.95	.42	.25	.46
				311.37	124.57	69.75	318.78	45.14	154.21	349.43	184.88
494	.11	7.12	585	3.69	2.16	.16	1.36	.87	.42	.33	.38
				323.68	115.21	57.18	286.55	7.48	163.28	298.45	155.88
495	-1.99	7.25	584	4.88	1.97	.87	1.33	.89	.36	.53	.18
				339.58	119.49	245.76	291.45	26.48	198.11	383.93	285.54
496	-3.84	7.48	584	4.56	1.87	.28	1.53	.81	.27	.76	.25
				346.87	113.44	214.58	288.88	18.81	188.88	382.68	262.17
497	-6.89	8.37	585	5.57	1.98	.46	1.62	.83	.22	.78	.55
				354.58	189.84	217.57	279.41	3.73	227.17	383.88	256.97
498	-8.57	18.35	585	7.22	2.27	.73	1.89	.88	.44	.89	.85
				359.36	184.26	211.88	272.88	336.26	381.83	381.12	249.77
499	-9.59	11.73	585	7.87	2.41	.88	1.96	.99	.52	.98	1.13
				357.51	94.98	281.78	259.51	318.28	281.51	275.28	226.22

TABLE VIII.- Continued

(b) Continued

FLAPWISE 51 PERCENT RADIUS												
PT NO	RUN NO		RPM	1P	2P	3P	4P	5P	6P	7P	8P	
	16	1/2 P-P										
477	12.94	28.88	585	13.68	7.45	6.38	1.88	1.45	.52	.64	.85	AMP
				139.23	328.27	36.58	322.95	274.68	142.81	55.63	274.82	PHASE
478	14.66	28.88	584	14.54	7.64	7.15	1.18	1.48	.55	.69	.77	AMP
				139.67	325.85	28.89	318.68	266.82	127.81	48.78	261.54	PHASE
479	16.38	21.74	585	15.68	7.67	7.78	.96	1.43	.51	.52	.67	AMP
				138.78	324.52	22.94	384.33	256.73	118.58	24.48	235.78	PHASE
480	18.45	23.98	585	17.85	8.19	8.77	1.83	1.55	.51	.58	.68	AMP
				138.74	321.89	16.55	285.65	247.35	93.37	348.89	214.23	PHASE
481	28.32	25.38	584	17.87	8.35	9.89	.99	1.47	.53	.57	.61	AMP
				141.73	326.53	21.67	286.85	259.52	98.63	345.93	228.49	PHASE
482	22.53	26.69	584	19.18	8.28	9.39	.85	1.47	.52	.69	.48	AMP
				148.83	321.18	14.62	277.51	256.38	88.81	337.11	174.28	PHASE
483	24.48	27.59	585	19.88	8.34	9.23	.72	1.44	.47	.73	.57	AMP
				139.32	318.85	7.63	267.71	256.88	67.99	329.38	142.36	PHASE
484	25.42	27.32	586	28.25	8.52	8.66	.59	1.37	.55	.71	.48	AMP
				138.86	317.48	3.61	268.19	268.33	53.88	341.63	185.65	PHASE
485	18.13	25.88	585	15.64	18.21	7.81	1.59	1.67	.79	1.85	1.71	AMP
				136.88	321.47	46.88	328.52	279.18	141.62	56.58	388.86	PHASE
486	12.82	27.76	584	16.77	18.74	8.98	1.57	1.64	.97	1.18	1.43	AMP
				137.23	317.78	39.62	338.55	268.69	122.98	58.11	381.59	PHASE
487	13.66	28.27	584	17.67	18.58	9.37	1.61	1.81	1.88	1.83	1.17	AMP
				137.52	315.94	34.85	323.21	261.81	112.18	47.22	383.87	PHASE
488	15.89	28.27	585	18.77	18.21	9.83	1.51	1.74	.98	1.16	.99	AMP
				137.88	314.66	27.56	313.86	256.14	98.48	33.87	298.88	PHASE
489	17.64	28.85	585	19.42	9.97	18.84	1.47	1.74	.83	1.14	1.11	AMP
				138.87	315.59	28.82	318.81	266.21	98.83	36.31	381.43	PHASE
490	19.61	28.38	585	28.87	9.27	18.89	1.33	1.59	.91	1.37	1.37	AMP
				137.32	388.88	19.36	386.64	255.36	79.14	16.19	317.11	PHASE
491	28.46	28.71	584	28.52	9.22	18.83	1.38	1.55	.87	1.43	1.75	AMP
				136.87	388.42	17.32	382.53	258.74	74.24	12.88	317.51	PHASE
492	21.55	27.98	584	28.83	9.83	9.78	1.31	1.64	.84	1.58	1.82	AMP
				137.23	318.99	17.88	381.75	268.88	73.41	17.97	328.25	PHASE
493	7.44	31.32	583	17.32	13.49	8.69	1.54	1.86	1.39	1.55	2.85	AMP
				139.59	324.27	63.41	352.83	287.29	144.88	64.54	315.54	PHASE
494	9.37	31.23	585	18.41	13.82	8.81	1.38	1.78	1.53	1.82	1.56	AMP
				137.62	314.62	46.98	345.84	268.88	118.86	42.92	384.88	PHASE
495	11.38	31.82	584	19.21	12.43	9.86	1.48	1.72	1.44	1.76	1.18	AMP
				142.83	319.83	51.88	356.85	275.61	125.48	78.18	339.78	PHASE
496	13.17	31.12	584	19.97	11.72	9.62	1.32	1.64	1.84	1.76	1.87	AMP
				149.18	314.65	42.17	344.22	259.78	113.98	63.49	22.74	PHASE
497	15.86	38.42	565	20.49	18.65	9.79	1.22	1.38	1.63	1.61	1.98	AMP
				148.41	312.88	39.85	343.92	259.58	186.46	64.98	51.14	PHASE
498	16.73	31.89	585	21.66	18.89	18.18	1.16	1.83	1.45	1.53	3.11	AMP
				139.94	313.35	32.93	347.84	258.44	91.67	52.48	45.96	PHASE
499	17.63	31.19	585	21.79	18.38	18.21	1.17	.93	1.47	1.61	3.77	AMP
				136.55	387.15	22.89	336.95	243.53	78.98	37.46	26.54	PHASE

CHORDWISE 51 PERCENT RADIUS												
PT NO	RUN NO		RPM	1P	2P	3P	4P	5P	6P	7P	8P	
	16	1/2 P-P										
477	2.84	21.94	585	5.28	2.64	2.98	3.64	.74	5.22	2.72	.68	AMP
				292.59	142.89	296.21	63.98	172.73	347.56	93.83	284.37	PHASE
478	1.88	23.85	584	8.33	3.88	4.46	5.36	1.24	3.79	4.92	.76	AMP
				387.42	139.69	274.56	58.25	297.82	74.89	94.12	161.32	PHASE
479	1.32	27.15	585	13.56	5.28	6.68	6.33	2.48	1.91	4.57	.92	AMP
				321.22	144.48	256.98	41.84	313.19	132.19	117.33	128.99	PHASE
480	.73	44.38	585	2.36	5.79	8.18	8.38	2.86	5.13	2.55	1.85	AMP
				336.81	146.92	258.58	35.88	352.97	326.23	277.68	156.64	PHASE
481	.85	54.32	584	29.17	5.94	13.63	9.23	1.68	5.35	6.55	1.69	AMP
				342.67	158.73	256.48	43.99	2.82	345.58	386.98	173.27	PHASE
482	-1.46	65.81	584	39.31	5.62	17.77	18.23	1.67	5.21	6.47	.91	AMP
				344.83	158.92	253.38	29.86	264.81	357.33	332.88	147.77	PHASE
483	-3.13	68.49	585	49.83	5.64	28.71	11.31	3.78	6.24	4.98	1.41	AMP
				345.16	167.78	249.15	18.38	243.22	32.49	.21	94.75	PHASE
484	-2.65	75.68	586	54.97	8.38	24.13	11.88	7.29	8.45	2.85	3.81	AMP
				349.32	172.84	245.14	.82	264.32	36.56	22.99	48.12	PHASE
485	2.38	24.28	585	8.18	4.43	4.23	3.75	1.39	2.14	6.12	.92	AMP
				288.98	121.35	286.69	63.12	187.74	41.32	187.41	268.82	PHASE
486	2.83	38.52	584	13.45	7.62	6.64	5.73	1.63	4.74	7.51	.95	AMP
				387.28	128.53	275.92	47.65	384.88	139.93	93.69	324.88	PHASE
487	1.74	48.57	584	17.88	8.78	8.63	7.66	1.34	1.63	4.22	.63	AMP
				318.69	134.19	264.44	46.58	322.65	216.85	92.34	133.84	PHASE
488	1.83	46.28	585	24.85	9.28	11.88	8.18	2.72	2.42	1.81	1.81	AMP
				324.24	137.55	258.78	42.11	339.89	282.89	23.49	183.81	PHASE
489	-1.88	53.44	585	38.17	9.78	14.19	9.18	2.23	6.51	5.88	1.87	AMP
				331.86	142.61	262.88	47.99	356.35	319.17	341.13	137.48	PHASE
490	-2.44	65.45	585	38.87	18.15	17.88	9.63	2.88	8.48	11.51	.82	AMP
				336.67	137.48	259.24	39.75	4.62	341.48	332.96	57.41	PHASE
491	-4.85	71.38	584	43.26	18.32	19.28	18.14	2.42	18.11	12.85	.86	AMP
				338.49	137.12	268.87	35.34	348.34	349.58	338.59	332.88	PHASE
492	-5.18	77.28	584	48.58	11.34	21.58	18.36	3.38	18.93	14.88	2.82	AMP
				348.98	141.38	261.33	38.48	334.67	2.74	346.54	346.51	PHASE
493	3.25	27.61	583	11.67	5.94	5.36	3.76	3.99	3.89	6.29	2.46	AMP
				284.11	127.85	288.64	85.71	311.17	274.21	111.25	239.31	PHASE
494	2.57	34.57	585	15.98	8.86	6.95	3.94	5.18	1.41	6.73	1.39	AMP
				295.82	131.36	274.49	49.66	281.58	186.96	81.16	289.46	PHASE
495	1.64	43.44	584	28.88	11.84	8.46	6.87	5.69	4.68	6.82	.33	AMP
				314.27	142.46	274.66	64.64	382.16	246.46	124.64	76.24	PHASE
496	.38	49.87	584	25.88	11.74	18.86	7.66	5.84	5.48	6.16	2.21	AMP
				318.71	148.82	269.36	59.67	381.86	268.95	125.18	97.66	PHASE
497	-1.88	56.54	585	32.84	12.69	12.58	9.39	5.56	5.45	4.22	3.85	AMP
				327.19	139.51	272.27	61.34	315.34	331.94	68.49	92.62	PHASE
498	-4.95	67.19	585	41.32	13.62	16.11	18.48	6.86	18.81	7.71	3.34	AMP
				333.63	139.15	272.88	53.38	327.25	352.87	1.38	53.82	PHASE
499	-6.18	68.49	585	44.52								

TABLE VIII.- Continued

(b) Continued

TORSION 5% PERCENT RADIUS											
RUN NO		16									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
477	1.41	4.84	585	2.41	1.50	.23	.71	.84	.49	.19	.22
				315.71	115.24	39.68	320.11	35.14	167.94	331.53	190.00
478	-.35	4.67	584	2.40	1.19	.89	.71	.82	.47	.17	.31
				335.04	120.05	32.92	306.47	33.28	180.67	341.22	168.13
479	-1.79	4.73	585	2.73	.99	.85	.77	.80	.39	.26	.29
				347.46	127.60	102.47	294.07	23.65	166.59	340.64	142.98
480	-4.16	5.83	585	3.48	.93	.19	.92	.88	.56	.40	.19
				2.00	135.34	207.50	282.12	13.97	157.69	298.67	123.13
481	-5.90	6.39	584	4.17	.89	.35	.94	.89	.61	.49	.16
				12.83	151.09	213.30	207.81	30.96	176.09	302.44	123.47
482	-8.07	8.26	584	5.31	.98	.68	.97	1.09	.70	.72	.16
				17.58	150.97	209.98	279.17	29.17	170.14	283.75	22.72
483	-10.00	10.05	585	6.69	1.20	1.06	.91	1.29	.57	.74	.26
				19.31	143.61	203.02	272.52	28.52	150.69	201.45	2.58
484	-11.53	11.41	586	8.07	1.12	.92	.65	1.55	.66	.63	.16
				17.01	124.13	203.56	278.14	31.58	126.55	271.82	318.29
485	2.43	6.43	585	3.00	2.24	.34	.97	.99	.57	.23	.36
				310.71	119.84	39.44	324.13	55.38	166.71	31.73	209.50
486	.26	6.34	584	2.88	1.95	.16	1.01	.86	.44	.30	.34
				332.42	122.44	20.63	305.15	46.63	183.18	14.84	214.39
487	-1.42	6.39	584	3.14	1.70	.89	.96	.91	.53	.41	.36
				345.21	124.41	314.54	298.43	45.16	172.19	355.78	207.53
488	-3.43	6.41	585	3.60	1.47	.11	1.00	.98	.50	.54	.20
				356.73	127.96	237.21	207.78	40.18	164.03	331.33	213.20
489	-5.15	7.19	585	4.32	1.36	.29	1.02	1.09	.56	.63	.28
				6.51	133.06	223.90	209.93	48.32	175.15	332.90	201.81
490	-7.30	8.56	585	5.45	1.45	.57	1.19	1.19	.64	.70	.36
				12.34	125.09	206.57	281.12	30.70	166.03	310.89	208.37
491	-8.29	9.32	584	6.18	1.58	.83	1.29	1.31	.43	.78	.42
				13.74	123.95	203.52	277.00	36.36	167.88	321.01	195.04
492	-9.45	10.44	584	7.15	1.78	1.06	1.32	1.43	.21	.85	.51
				15.54	118.75	196.79	275.79	36.74	172.35	334.01	196.58
493	3.14	7.28	583	3.46	2.62	.29	1.38	1.06	.56	.34	.55
				316.37	135.57	66.11	337.48	72.92	183.10	41.98	242.28
494	1.13	7.30	585	3.33	2.30	.23	1.24	.90	.47	.41	.30
				320.91	127.53	20.60	315.43	30.05	185.86	352.00	221.77
495	-.91	6.85	584	3.54	1.98	.19	1.13	.90	.39	.56	.21
				345.42	134.03	352.04	322.03	53.63	222.59	357.00	203.95
496	-2.62	7.18	584	3.94	1.77	.09	1.25	.86	.29	.79	.32
				352.83	131.50	338.47	309.61	35.04	200.15	349.06	331.93
497	-4.64	7.56	585	4.64	1.63	.16	1.36	.92	.19	.85	.55
				1.62	126.77	230.44	303.11	29.74	241.22	348.11	325.12
498	-6.90	9.19	585	6.09	1.71	.49	1.77	1.02	.37	.98	.86
				6.48	119.09	200.02	294.01	9.51	339.05	343.45	314.43
499	-7.86	10.44	585	6.69	1.79	.60	1.89	1.16	.45	1.07	1.09
				4.52	106.14	191.04	200.31	350.36	317.39	318.77	207.69



TABLE VIII.- Continued

(b) Continued

FLAPWISE 77 PERCENT RADIUS											
RUN NO 16											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
477	-2.87	24.88	585	16.26	7.83	3.64	2.49	3.88	.88	.68	1.29
				135.81	327.33	355.39	169.28	275.89	78.85	213.38	94.38
478	.48	25.85	584	16.73	7.99	4.36	2.46	3.52	.36	.72	1.17
				137.98	325.73	352.82	168.35	278.36	131.28	194.63	83.87
479	2.75	26.19	585	17.68	8.13	4.86	2.39	3.36	.35	.57	1.81
				139.15	324.72	351.45	149.18	251.58	115.37	173.86	58.29
480	6.44	28.84	585	18.92	8.91	5.41	2.39	3.82	.48	.68	1.81
				141.65	321.66	349.43	131.31	239.83	74.54	136.61	33.78
481	9.33	38.17	584	19.73	9.29	5.72	2.18	3.67	.62	.77	.84
				146.54	326.76	356.52	133.56	251.85	68.41	139.96	48.98
482	12.72	32.38	584	21.86	9.78	5.83	1.84	4.84	.82	.89	.68
				147.56	321.27	352.26	111.88	246.37	45.58	135.36	357.96
483	15.88	33.38	585	22.38	18.38	5.74	1.53	3.93	1.83	.88	.66
				148.13	317.87	347.85	86.87	245.82	38.12	132.83	318.21
484	17.42	34.63	586	23.33	18.98	5.38	1.41	3.88	1.86	.76	.59
				148.58	315.98	344.82	67.89	248.84	24.75	145.95	271.44
485	-4.78	28.84	585	18.38	18.38	4.85	3.88	4.84	.68	1.16	2.68
				132.88	322.33	3.27	167.78	294.68	273.56	218.13	115.71
486	-1.98	38.16	584	19.81	18.69	4.91	3.91	4.39	.62	1.29	2.28
				136.31	319.19	.93	159.93	298.95	258.87	211.64	115.71
487	.74	31.11	584	19.69	18.66	5.31	3.55	4.26	.58	1.86	1.82
				138.25	318.27	358.12	152.48	281.51	258.59	283.41	117.28
488	3.98	32.27	585	28.54	18.81	5.56	2.99	4.56	.37	1.28	1.54
				148.28	316.88	354.88	148.49	278.45	266.48	193.86	112.63
489	6.78	33.41	585	21.38	18.88	5.61	2.43	4.83	.25	1.16	1.74
				143.81	318.98	359.26	136.82	278.85	317.12	198.58	118.46
490	9.95	34.77	585	22.25	18.77	5.45	1.94	4.58	.44	1.25	2.88
				144.98	313.63	347.86	116.73	271.85	18.83	178.33	132.83
491	11.44	35.98	584	22.98	18.88	5.31	1.82	4.84	.58	1.24	2.68
				145.59	313.83	347.56	187.56	274.79	2.42	169.54	134.72
492	13.87	36.48	584	23.57	11.18	6.14	1.54	5.26	.86	1.18	2.71
				147.58	316.23	346.28	94.76	281.86	7.39	178.65	145.88
493	-7.17	32.83	583	28.28	12.27	4.48	5.77	4.53	1.32	2.16	2.96
				134.82	326.45	17.58	179.87	313.31	321.67	246.38	139.47
494	-4.48	32.39	585	28.53	12.26	4.53	4.95	4.18	.91	2.42	2.39
				135.29	314.89	6.41	164.99	282.84	295.38	224.78	131.76
495	-1.24	32.16	584	21.22	11.67	4.76	4.15	3.92	1.84	2.41	1.97
				141.65	328.18	18.77	176.14	291.17	288.12	249.85	178.88
496	1.53	33.11	584	21.97	11.26	4.99	3.78	4.87	1.88	2.23	1.65
				142.86	316.36	12.66	167.37	272.19	288.84	239.59	194.68
497	4.68	34.83	585	22.54	18.66	4.76	3.88	4.11	1.16	1.95	2.95
				144.43	315.28	13.82	165.77	274.31	286.13	248.75	228.88
498	7.88	36.91	585	24.28	18.62	4.62	2.94	3.29	1.33	1.78	4.53
				145.83	317.22	9.47	155.78	278.57	383.45	236.28	217.66
499	9.22	37.76	585	24.68	18.28	4.58	2.65	3.49	1.31	1.62	5.35
				143.44	318.96	356.66	143.95	266.77	299.18	218.53	197.72

CHORDWISE 77 PERCENT RADIUS											
RUN NO 16											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
477	-18.21	14.48	585	4.87	2.78	2.57	1.43	1.81	2.27	1.18	4.88
				145.27	325.77	358.26	98.26	263.51	343.83	97.71	118.43
478	-9.88	13.37	584	3.67	2.43	3.58	1.99	2.14	1.63	2.12	6.88
				151.89	328.98	339.38	72.38	269.35	66.87	95.36	184.34
479	-9.19	11.76	585	2.48	2.88	3.19	2.42	2.31	.74	2.18	.68
				153.78	329.33	327.13	59.88	267.46	119.73	115.81	84.39
480	-7.59	12.29	585	.27	2.38	4.84	3.32	1.85	2.27	1.84	.77
				49.78	328.87	311.54	48.27	268.87	323.83	265.83	128.48
481	-6.87	13.99	584	2.88	2.78	4.68	3.82	1.83	2.45	2.58	.67
				337.41	332.73	312.69	53.69	266.55	343.94	299.15	136.28
482	-4.33	18.98	584	4.96	3.24	5.83	4.39	2.65	2.52	2.61	.38
				333.56	328.39	388.94	37.28	246.93	352.81	327.94	86.66
483	-3.44	22.83	585	7.78	3.79	6.72	4.88	3.39	2.95	2.89	.66
				338.88	321.26	298.82	23.48	248.82	288.52	358.78	55.24
484	-1.58	23.52	586	7.35	2.56	8.18	4.52	5.16	4.26	1.44	1.37
				342.28	283.85	278.17	353.17	268.85	21.68	28.34	37.85
485	-9.54	16.25	585	5.24	3.45	2.73	1.75	2.21	.85	2.58	.53
				146.21	326.61	358.84	114.57	274.28	14.65	189.83	125.56
486	-11.83	16.17	584	3.67	2.69	3.43	2.23	2.66	1.73	3.84	.53
				155.57	326.73	342.12	84.29	283.86	135.35	94.33	71.89
487	-18.35	13.55	584	2.26	2.31	3.69	2.97	2.55	.65	1.67	1.85
				161.29	325.47	332.82	68.98	277.49	236.87	97.89	182.82
488	-8.76	14.85	585	.81	2.23	4.29	3.43	2.68	1.98	.75	1.21
				218.84	324.96	321.76	58.88	274.18	284.52	23.96	94.19
489	-7.48	16.84	585	1.89	2.23	4.94	3.92	2.69	3.86	1.96	1.37
				381.73	329.11	328.11	58.47	285.87	317.26	333.76	111.81
490	-6.19	21.14	585	4.44	2.36	5.98	4.38	2.24	4.86	1.48	1.48
				319.76	332.26	387.48	46.78	279.69	337.88	329.17	94.48
491	-5.48	23.46	584	5.71	2.55	6.56	4.56	2.75	4.82	5.53	1.81
				322.55	333.91	384.47	41.36	281.67	343.47	335.84	181.84
492	-4.95	26.52	584	7.12	2.63	7.17	4.65	3.48	5.39	6.14	.75
				325.72	334.51	299.79	33.35	292.71	356.43	343.87	98.28
493	-12.97	19.47	583	5.68	3.98	2.72	2.51	3.55	1.59	2.86	1.32
				157.78	329.84	.77	144.16	384.35	285.12	115.26	184.47
494	-12.77	19.28	585	4.39	2.86	2.98	2.88	3.79	.37	2.25	1.15
				165.88	315.18	343.36	118.91	272.74	218.44	85.14	156.32
495	-11.45	17.43	584	2.74	2.25	3.18	2.76	3.97	1.92	2.68	.88
				181.16	328.13	349.24	95.36	288.18	248.79	131.93	146.91
496	-18.86	17.61	584	1.78	1.86	3.75	3.25	3.98	2.35	2.51	1.52
				216.86	318.14	337.35	82.83	288.54	269.54	138.88	128.58
497	-8.65	28.51	585	2.24	1.44	4.26	4.82	3.68	2.55	1.47	1.79
				286.65	338.84	335.78	76.82	288.75	328.26	68.56	129.41
498	-7.94	28.39	585	4.38	1.78	5.36	4.59	3.66	4.83	3.11	1.31
				312.87	345.72	328.28	64.98	384.73	347.14	357.29	124.37
499	-7.18	28.39	585	5.48	1.69	5.79	4.78	3.53	6.86	4.43	1.25
				313.48	344.23	318.78	46.83	388.14	358.19	349.26	84.85

TABLE VIII.- Continued

(b) Concluded

TORSION 75 PERCENT RADIUS											
RUN NO		16									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
477	- .42	4.88	585	2.17	1.55	.89	.67	.52	.39	.14	.28
				293.62	119.68	68.21	336.96	21.38	166.86	48.32	269.18
478	-2.11	3.61	584	1.84	1.38	.84	.67	.47	.36	.19	.16
				313.44	129.85	163.11	328.28	13.84	169.44	17.62	238.51
479	-3.38	3.74	585	1.96	1.16	.74	.63	.48	.33	.25	.18
				331.79	148.98	174.92	314.51	1.81	156.44	1.32	198.92
480	-5.52	4.61	585	2.44	1.21	.24	.66	.52	.38	.24	.86
				356.58	154.78	173.67	293.28	353.64	135.14	322.55	175.58
481	-7.83	5.15	584	3.81	1.31	.35	.64	.58	.38	.26	.86
				11.24	178.42	177.47	293.38	9.22	147.48	313.31	185.73
482	-8.89	6.87	584	3.94	1.52	.58	.63	.55	.48	.41	.85
				19.73	173.77	169.57	278.62	6.68	138.32	288.23	339.82
483	-18.59	6.81	585	5.84	1.86	.59	.52	.61	.39	.53	.11
				23.94	174.21	158.14	263.48	7.74	116.84	285.67	1.44
484	-11.74	7.27	586	5.91	1.57	.53	.13	.68	.45	.47	.11
				28.55	176.19	187.53	275.94	29.23	186.83	283.63	312.85
485	.19	5.33	585	2.88	2.29	.11	.95	.58	.53	.41	.41
				291.48	118.85	36.28	343.82	38.21	169.28	66.27	287.63
486	-1.88	5.88	584	2.48	2.82	.84	.91	.48	.47	.47	.43
				312.56	124.18	295.65	333.81	8.35	178.57	46.17	286.88
487	-3.38	5.87	584	2.39	1.78	.11	.84	.49	.49	.43	.37
				328.83	129.92	221.35	326.28	3.34	156.89	31.45	285.77
488	-5.86	5.35	585	2.66	1.66	.16	.77	.54	.47	.47	.37
				346.71	139.87	187.69	311.86	5.92	141.87	9.27	284.25
489	-6.53	5.75	585	3.88	1.59	.24	.72	.55	.47	.48	.33
				1.58	151.58	192.56	387.95	18.34	148.81	7.45	285.74
490	-8.38	6.48	585	3.79	1.56	.29	.73	.49	.48	.49	.39
				12.54	157.52	165.66	289.11	8.76	132.61	342.92	277.95
491	-9.84	7.81	584	4.24	1.67	.39	.76	.53	.41	.58	.48
				15.77	168.71	167.22	285.82	13.58	126.38	339.78	281.87
492	-9.91	7.88	584	4.83	1.73	.45	.87	.53	.32	.78	.31
				19.29	164.88	155.83	284.87	28.86	132.14	346.87	298.55
493	.56	7.88	583	3.48	2.52	.12	1.16	.73	.68	.64	.57
				298.58	127.24	297.18	355.78	33.18	189.42	73.42	311.34
494	-1.38	6.37	585	2.99	2.39	.26	1.88	.68	.45	.64	.55
				389.83	122.49	388.83	335.93	359.58	173.56	38.96	384.77
495	-3.88	5.88	584	2.88	2.86	.31	.96	.71	.32	.61	.52
				328.68	133.22	296.27	347.82	13.48	198.76	43.55	342.18
496	-4.53	5.95	584	3.81	1.84	.26	.94	.73	.26	.72	.64
				348.89	136.82	281.77	331.89	.83	163.79	25.49	355.76
497	-6.16	6.82	585	3.25	1.62	.25	.88	.69	.16	.78	.79
				354.33	144.37	272.45	323.82	1.48	141.87	16.21	4.11
498	-7.88	6.62	585	3.88	1.58	.23	.98	.61	.11	.75	1.82
				5.57	157.75	261.68	389.92	344.49	15.71	1.88	357.17
499	-8.49	7.81	585	4.15	1.51	.16	.91	.68	.12	.76	1.17
				5.85	154.31	233.84	294.68	326.28	328.83	331.89	331.72

PITCH LINK

PITCH LINK											
RUN NO		16									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
477	-1.97	5.87	585	2.76	.58	.88	.97	1.13	.43	.37	.31
				159.78	328.85	288.62	136.62	215.73	359.67	184.79	326.68
478	-.43	5.55	584	2.96	.43	.76	.99	1.16	.51	.22	.38
				178.76	353.31	187.23	119.89	214.37	15.12	87.97	322.77
479	.99	6.14	585	3.14	.38	.71	1.18	1.28	.49	.16	.32
				199.91	9.82	159.85	188.56	285.67	13.88	62.79	294.47
480	3.18	7.89	585	4.66	.46	.63	1.44	1.45	.78	.32	.23
				287.47	28.15	122.86	185.69	191.19	3.38	61.46	271.88
481	4.66	9.92	584	6.87	.54	.76	1.44	1.48	.84	.36	.17
				212.62	42.14	91.61	115.26	286.81	15.44	94.75	268.96
482	6.64	12.55	584	8.23	.48	1.36	1.45	1.56	.98	.58	.21
				211.42	29.25	62.88	185.38	288.26	6.18	188.41	175.89
483	8.65	16.89	585	18.85	.43	2.15	1.34	1.68	.88	.66	.39
				289.84	343.42	43.26	93.84	197.68	341.88	115.72	149.35
484	9.94	18.68	586	13.88	.42	2.48	1.24	1.76	.82	.52	.37
				286.82	251.59	41.43	93.96	198.36	319.91	114.95	91.18
485	-2.88	6.22	585	2.28	1.13	.95	1.37	1.44	.38	.37	.72
				156.93	314.55	198.88	138.25	243.12	1.86	88.88	338.24
486	-1.87	6.94	584	2.85	1.82	.83	1.55	1.46	.38	.32	.67
				176.41	315.85	185.46	117.68	235.64	35.85	67.61	335.46
487	.46	7.62	584	3.74	.96	.74	1.56	1.64	.57	.32	.69
				187.54	316.87	165.91	112.62	236.25	27.48	181.61	346.87
488	2.27	9.12	585	4.93	.83	.57	1.72	1.67	.57	.52	.55
				197.38	322.88	143.91	185.72	228.38	28.56	89.28	338.12
489	3.86	11.87	585	6.31	.83	.56	1.77	1.81	.78	.64	.64
				282.94	325.83	182.83	118.83	234.85	35.23	189.85	335.32
490	6.88	14.26	585	8.57	1.89	1.88	1.88	1.76	.89	.79	.79
				282.87	384.85	68.66	185.28	224.87	33.55	184.78	348.44
491	7.88	15.85	584	9.91	1.31	1.48	1.81	1.72	.79	.88	1.88
				283.45	298.71	58.36	184.73	222.48	55.36	125.56	336.35
492	8.19	17.41	584	11.39	1.56	1.85	1.71	1.69	.76	.86	1.13
				284.96	293.32	58.18	186.17	223.65	79.76	143.61	358.38
493	-3.75	7.18	583	2.69	1.68	.99	2.81	1.45	.42	.28	.77
				168.98	331.88	228.83	154.81	265.18	35.39	84.99	1.49
494	-2.86	8.29	585	3.31	1.46	.83	1.86	1.33	.54	.58	.76
				171.67	323.58	281.66	129.15	226.76	36.49	69.11	341.98
495	-.23	18.28	584	4.18	1.42	.73	1.87	1.45	.78	.67	.45
				187.88	324.54	188.34	135.98	246.71	71.71	118.48	27.55
496	1.41	11.71	584	5.29	1.49	.57	2.15	1.32	.64	.78	.52
				194.93	319.77	176.82	127.87	228.22	75.88	115.14	63.29
497	3.47	13.62	585	7.82	1.67	.37	2.17	1.26	.69	.77	1.12
				199.84	312.99	132.76	125.98	217.49	98.66	132.41	76.88
498	5.76	16.49	585	9.59	1.95	.62	2.45	1.18	.78	1.88	1.79
				288.45	388.17	79.61	128.53	181.48	139.87	139.41	74.24
499	6.74	17.68	585	18.62	2.18	.68	2.46	1.23	.92	1.22	2.22
				197.64	294.89	68.46	186.54	162.46	123.44	119.44	54.27



TABLE VIII.- Continued

(c) $\mu = 0.30$; $M_T = 0.65$

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CQ/SIGMA
519	-1.0	1.8	2.1	.02322	.00160	.00132
520	-1.1	3.2	4.2	.03749	.00136	.00151
521	-1.1	4.3	6.2	.05053	.00110	.00182
522	-1.6	5.6	8.2	.06380	.00051	.00231
523	-2.1	6.4	10.3	.07940	.00036	.00303
524	-2.5	7.0	12.1	.09271	.00058	.00362
525	-2.9	7.8	13.0	.09711	=.00022	.00420
526	.1	3.0	.2	.02309	.00449	.00101
527	.1	3.1	2.1	.04247	.00639	.00066
528	-.4	3.6	4.1	.05819	.00787	.00054
529	-1.1	4.7	6.1	.07111	.00854	.00072
530	-1.5	5.5	8.2	.08605	.00993	.00095
531	-1.7	5.6	10.1	.10177	.01271	.00121
532	-2.9	7.6	10.9	.10113	.00933	.00210
533	-.0	3.0	4.2	.01807	.00004	.00184
534	-.4	3.6	6.2	.03349	=.00156	.00229
535	-1.0	4.5	8.1	.04657	=.00296	.00288
536	-1.0	4.3	10.0	.06510	=.00357	.00344
537	-2.5	6.6	12.1	.07177	=.00627	.00453
538	-2.9	7.4	14.0	.08694	=.00775	.00550
539	-3.7	8.4	16.1	.09856	=.00928	.00673
540	-4.2	9.3	16.9	.10198	=.01078	.00755
541	-4.4	9.6	18.1	.10935	=.01138	.00851
570	.0	3.5	6.3	.01298	=.00121	.00193
571	-.2	4.0	8.2	.02701	=.00365	.00276
572	-.7	4.8	10.2	.04101	=.00613	.00374
573	-1.6	5.7	11.9	.05283	=.00851	.00473
574	-2.0	6.7	14.0	.06788	=.01119	.00599
575	-2.9	7.9	16.3	.08072	=.01420	.00744
576	-3.4	8.6	18.1	.09220	=.01629	.00873
577	-3.8	9.2	20.0	.10605	=.01793	.01060

TABLE VIII.- Continued

(c) Continued

FLAPWISE 25 PERCENT RADIUS												
RUN NO 18												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
519	42.58	21.42	61#	7.95	6.23	7.14	4.13	5.96	2.5#	2.18	3.#1	AMP
				147.47	316.66	54.45	339.33	81.39	323.89	226.73	66.31	PHASE
52#	44.32	2#.64	61#	8.53	6.##	6.73	3.95	5.77	2.27	2.21	2.2#	AMP
				158.16	321.19	53.72	345.48	92.27	324.23	24#.79	9#.19	PHASE
521	45.74	2#.26	61#	8.47	5.69	6.25	3.82	5.15	2.43	2.3#	1.92	AMP
				147.72	319.89	43.##	334.##	8#.79	3##.49	225.11	86.82	PHASE
522	47.39	18.65	611	8.24	5.33	6.21	3.24	5.##	2.37	2.##	1.##	AMP
				146.5#	326.48	45.17	337.81	85.81	313.29	244.7#	133.23	PHASE
523	49.##	18.85	61#	7.57	5.##	5.87	2.76	4.33	2.11	1.83	1.5#	AMP
				136.97	325.82	3#.43	322.13	64.45	279.69	226.71	161.6#	PHASE
524	5#.37	19.61	6#9	7.2#	5.##	5.42	2.52	3.52	1.87	1.78	3.##	AMP
				126.96	333.27	25.46	319.13	64.16	26#.76	215.13	165.91	PHASE
525	51.##	2#.64	61#	6.97	5.##	5.24	2.59	3.##	1.93	1.83	3.76	AMP
				121.2#	338.23	19.92	311.18	65.2#	252.69	219.1#	17#.69	PHASE
526	41.77	22.##	61#	1#.37	6.97	6.8#	3.34	5.93	3.##	2.21	3.7#	AMP
				145.76	321.83	72.##	1.32	83.41	33#.66	264.73	148.52	PHASE
527	43.44	19.94	61#	1#.29	6.81	6.33	2.99	4.##	2.85	2.63	1.64	AMP
				151.88	322.76	71.76	12.41	75.32	325.64	27#.56	159.83	PHASE
528	44.94	19.3#	61#	9.83	6.46	6.2#	2.66	4.62	2.54	2.54	1.46	AMP
				153.33	326.98	75.29	21.71	73.46	326.88	284.52	183.68	PHASE
529	46.37	19.44	61#	9.47	6.35	6.13	2.54	4.32	2.94	2.35	1.49	AMP
				149.97	328.79	7#.71	22.28	66.86	323.96	284.47	187.61	PHASE
53#	47.75	19.92	61#	8.93	6.##	5.64	2.14	4.24	2.66	2.2#	2.12	AMP
				143.14	328.91	61.43	9.76	44.18	3#6.54	265.6#	169.72	PHASE
531	48.77	19.##	6#9	8.13	5.7#	4.79	2.##	4.2#	2.22	1.99	1.93	AMP
				134.86	344.##	62.6#	2.77	31.26	3#7.99	269.12	184.47	PHASE
532	49.41	21.##	6#8	8.22	6.15	4.51	1.97	3.##	1.85	1.88	2.35	AMP
				13#.33	34#.44	5#.14	338.23	47.79	293.88	257.85	175.56	PHASE
533	43.21	17.39	61#	7.8#	4.86	5.56	2.74	5.32	1.82	1.66	1.99	AMP
				153.73	332.23	45.31	344.49	95.96	342.49	244.61	8#.73	PHASE
534	44.91	16.87	611	7.73	4.79	5.75	2.97	5.1#	1.82	1.66	1.86	AMP
				151.8#	327.54	3#8.89	324.83	8#9.95	313.44	224.##	66.74	PHASE
535	46.51	16.41	61#	7.56	4.68	5.55	2.92	5.28	1.99	1.66	2.##	AMP
				147.17	328.69	24.##	317.65	75.49	3#6.43	217.89	65.64	PHASE
536	48.38	15.38	61#	6.83	4.7#	5.75	2.89	5.29	1.62	1.59	1.68	AMP
				15#.#4	34#.#9	39.86	328.9#	95.51	328.22	255.75	116.69	PHASE
537	49.91	15.94	61#	6.95	4.71	4.98	2.57	5.##	1.61	1.62	1.77	AMP
				137.59	341.67	19.36	3#4.39	78.##	3#8.5#	225.48	75.8#	PHASE
538	51.66	15.8#	61#	6.32	4.71	4.44	2.46	4.95	1.52	1.78	1.91	AMP
				128.99	354.65	2#8.16	299.35	98.19	3#1.13	237.51	1#5.99	PHASE
539	53.13	17.##	61#	6.23	5.##	4.##	2.53	5.16	1.41	1.88	2.##	AMP
				1#9.65	3#8.##	##	28#71	94.76	277.2#	2#9.86	99.47	PHASE
54#	53.81	17.85	61#	6.49	5.72	3.93	2.58	5.32	1.42	1.98	1.72	AMP
				97.62	2.86	346.98	264.69	9#9.93	257.29	192.77	77.44	PHASE
541	54.64	2#.47	61#	7.49	6.35	3.68	2.94	5.41	1.68	2.59	2.##	AMP
				77.97	4.2#	326.2#	246.73	91.83	244.25	185.46	83.##	PHASE
57#	44.##	13.77	612	7.23	3.79	4.1#	1.85	4.##	1.22	1.##	.95	AMP
				153.93	338.14	26.62	345.36	69.15	316.49	225.##	22.53	PHASE
571	45.84	14.33	611	7.14	3.94	4.35	2.22	4.##	1.44	1.##	1.13	AMP
				154.##	341.98	23.3#	335.78	66.93	3#6.##	224.28	27.52	PHASE
572	47.67	14.12	611	7.##	4.12	4.4#	2.26	4.3#	1.41	.83	.87	AMP
				147.62	343.74	17.##	325.3#	54.72	3#8.19	214.41	22.63	PHASE
573	49.31	15.##	61#	6.83	4.32	4.22	2.21	4.27	1.29	.##	.71	AMP
				143.##	354.28	19.58	332.38	66.94	3#9.17	228.73	46.46	PHASE
574	51.29	15.96	6#8	6.57	4.68	4.##	2.33	4.3#	1.27	.68	1.##	AMP
				131.36	357.2#	6.7#	323.##	64.##	289.52	2#6.87	29.73	PHASE
575	53.16	16.24	611	6.5#	5.##	3.67	2.2#	4.21	1.13	.7#	.96	AMP
				115.8#	1.51	35#94	3#7.15	61.72	27#9.91	189.12	354.39	PHASE
576	54.71	16.73	611	6.81	5.71	3.44	2.24	4.2#	1.25	.87	.98	AMP
				95.7#	2.81	331.##	285.##	61.66	248.##	162.85	319.28	PHASE
577	56.31	19.##	61#	9.65	7.29	3.62	2.38	3.62	1.63	.93	.94	AMP
				63.74	1.##	297.27	243.13	58.##	229.71	179.42	271.88	PHASE



TABLE VIII.- Continued

(c) Continued

CHORDWISE 25 PERCENT RADIUS												
RUN NO 18												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
519	62.85	25.83	618	18.28	4.86	4.38	3.29	.51	8.98	1.33	1.98	AMP
				261.29	121.98	259.98	57.61	254.66	248.98	43.32	111.68	PHASE
520	68.68	29.16	618	14.44	7.45	7.72	2.76	1.69	2.79	3.35	1.39	AMP
				281.37	133.55	264.22	58.11	256.44	298.67	68.11	148.18	PHASE
521	59.31	48.94	618	22.82	11.16	11.34	3.68	5.16	3.88	4.44	.98	AMP
				381.81	136.17	248.44	17.88	286.72	64.43	58.42	137.51	PHASE
522	58.24	58.98	611	33.36	13.96	14.49	4.87	5.78	.35	3.65	.39	AMP
				318.44	144.57	248.48	33.82	381.83	186.98	83.36	168.95	PHASE
523	55.86	65.28	618	45.59	15.19	18.78	6.86	5.27	2.47	2.25	.69	AMP
				338.17	141.98	238.99	32.43	295.34	387.43	18.88	229.91	PHASE
524	53.48	81.37	689	57.78	15.68	22.28	6.83	5.81	6.69	5.89	1.58	AMP
				341.86	144.72	243.58	32.78	386.77	322.85	313.56	259.69	PHASE
525	52.99	98.88	618	63.95	15.18	24.88	6.92	4.15	8.38	6.61	1.69	AMP
				341.82	144.42	242.85	26.63	328.16	348.72	322.77	282.11	PHASE
526	59.58	25.72	618	13.67	5.28	5.73	3.47	1.16	6.55	1.83	1.28	AMP
				258.57	126.71	259.55	71.68	237.66	266.88	67.14	195.88	PHASE
527	56.86	44.46	618	22.61	7.64	18.17	3.49	3.98	18.88	1.16	2.88	AMP
				288.93	142.87	288.45	81.38	279.12	288.49	33.32	182.21	PHASE
528	53.92	45.96	618	29.89	18.81	18.86	3.78	6.44	5.28	2.82	1.81	AMP
				382.15	146.88	282.38	81.98	296.22	358.66	81.52	214.69	PHASE
529	51.54	58.78	618	36.48	13.49	11.64	4.81	7.17	3.87	2.36	1.46	AMP
				316.45	151.57	271.39	78.74	382.49	338.88	126.98	219.66	PHASE
530	48.32	64.43	618	47.84	15.82	14.73	4.84	6.98	4.89	1.68	1.68	AMP
				331.37	149.71	259.87	67.84	381.84	381.83	267.11	215.96	PHASE
531	43.83	87.13	689	61.18	17.11	18.82	5.35	5.67	8.12	6.28	.73	AMP
				354.88	157.58	273.96	54.16	336.44	329.32	315.66	226.34	PHASE
532	45.61	79.49	688	68.39	16.16	19.56	4.86	5.45	7.65	4.85	.65	AMP
				348.38	154.66	262.32	49.59	322.17	325.62	294.96	248.48	PHASE
533	58.85	19.97	618	8.71	4.86	5.85	2.56	2.36	3.74	2.19	1.33	AMP
				273.72	114.29	269.86	72.57	189.78	311.13	94.54	138.68	PHASE
534	59.86	31.46	611	13.47	8.28	8.35	3.89	1.88	5.29	3.34	.78	AMP
				295.48	118.58	258.76	17.28	18.84	49.84	55.34	133.24	PHASE
535	59.27	43.74	618	21.68	18.66	11.27	5.44	2.84	3.29	3.28	1.21	AMP
				317.55	128.95	233.99	14.87	344.77	181.89	64.58	131.27	PHASE
536	58.58	68.49	618	34.85	12.94	16.33	7.48	4.44	5.16	2.27	1.13	AMP
				348.98	148.74	252.28	58.98	37.65	337.38	2.95	199.98	PHASE
537	58.89	67.35	618	48.96	12.77	28.21	6.61	3.31	4.12	.62	1.18	AMP
				337.56	148.96	238.89	34.91	353.48	274.77	353.32	147.18	PHASE
538	57.86	88.83	618	57.14	12.47	24.78	6.85	3.86	6.38	2.21	.93	AMP
				348.56	158.85	249.67	49.83	.37	328.84	334.14	282.67	PHASE
539	56.76	184.96	618	72.23	18.69	28.31	7.85	5.48	7.28	3.86	.73	AMP
				351.14	168.58	245.48	35.46	339.34	337.64	319.95	236.93	PHASE
540	57.38	118.93	618	88.11	9.65	29.97	7.89	6.59	8.81	3.96	.58	AMP
				358.13	167.88	241.73	22.46	328.11	341.38	318.87	252.83	PHASE
541	57.97	126.44	618	94.46	18.85	32.76	6.32	5.56	7.65	3.83	.18	AMP
				356.12	173.17	239.87	1.89	296.88	3.96	332.51	261.85	PHASE
578	57.18	16.82	612	4.93	3.11	4.41	3.35	1.71	3.75	1.75	.59	AMP
				274.95	121.13	268.52	57.53	62.28	316.95	86.83	87.28	PHASE
571	58.23	28.16	611	11.44	6.11	7.38	4.55	2.38	5.89	2.55	.88	AMP
				317.74	131.63	238.48	38.46	355.42	87.42	76.74	111.73	PHASE
572	59.89	41.29	611	21.43	7.69	11.88	5.86	3.26	.88	1.45	.98	AMP
				339.75	143.87	228.89	31.79	18.82	86.66	86.31	124.93	PHASE
573	59.59	52.46	618	38.26	8.13	15.53	6.78	2.48	1.18	.82	.86	AMP
				348.18	159.46	237.14	45.88	27.12	319.68	99.65	163.36	PHASE
574	59.59	76.14	688	46.67	8.87	28.73	7.49	1.49	4.58	.87	.69	AMP
				354.33	166.43	236.85	42.89	346.82	333.11	335.79	156.76	PHASE
575	68.38	97.41	611	63.44	9.48	26.18	7.83	2.17	4.83	.77	.71	AMP
				353.43	178.41	232.16	34.59	272.33	318.26	26.22	168.84	PHASE
576	59.98	112.67	611	81.84	8.95	29.55	7.65	3.19	5.61	2.87	.68	AMP
				355.65	198.67	231.87	23.65	243.48	358.38	38.86	146.15	PHASE
577	68.83	141.83	618	114.18	13.12	31.88	6.14	9.57	7.38	2.94	1.89	AMP
				2.85	285.67	228.13	357.82	244.46	26.71	57.44	89.89	PHASE

TABLE VIII.- Continued

(c) Continued

TORSION 28 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
519	3.33	7.91	61#	3.77	2.59	.25	2.87	1.16	.49	.51	.61	AMP
520	1.28	7.98	61#	3.78	2.25	.33	1.83	1.17	.56	.69	.31	AMP
521	-.72	8.88	61#	4.82	2.81	.38	1.66	1.28	.71	.77	.28	AMP
522	-2.97	8.44	611	4.69	1.89	.89	1.81	1.15	.51	.99	.19	AMP
523	-5.72	9.68	61#	6.11	2.12	.45	1.99	1.85	.16	.98	.51	AMP
524	-8.47	12.59	609	8.16	2.59	.92	2.25	1.26	.46	1.86	1.82	AMP
525	-9.69	13.83	61#	9.82	2.78	1.18	2.41	1.45	.58	1.81	1.48	AMP
526	4.43	7.95	61#	5.83	118.23	249.47	287.94	345.91	342.88	324.97	227.87	PHASE
527	2.82	8.87	61#	4.83	2.91	.35	1.53	1.34	.48	.39	.51	AMP
528	-.33	7.79	61#	314.38	128.16	96.65	333.92	36.45	115.59	386.96	238.85	PHASE
529	-2.73	8.54	61#	4.11	2.55	.16	1.45	.95	.25	.76	.57	AMP
530	-5.67	11.26	61#	335.16	138.14	86.64	337.84	29.64	88.31	316.88	217.55	PHASE
531	-9.49	16.75	609	4.75	2.49	.14	1.13	.99	.24	.78	.53	AMP
532	-9.78	15.61	608	358.58	115.58	246.27	287.54	13.47	227.87	323.88	227.67	PHASE
533	2.29	6.53	61#	5.77	2.53	.42	1.19	1.81	.47	.73	.71	AMP
534	.32	6.85	611	357.98	133.54	217.69	317.98	4.82	331.55	187.76	285.89	PHASE
535	-1.59	7.36	61#	7.56	2.92	.79	1.44	1.33	.52	.66	.99	AMP
536	-3.95	7.95	61#	3.43	127.35	228.34	384.33	341.89	355.98	4.68	191.78	PHASE
537	-5.88	8.24	61#	11.18	3.89	1.17	1.71	1.63	.39	.71	1.27	AMP
538	-8.22	18.63	61#	18.99	127.97	248.68	312.53	344.63	159.99	294.89	225.18	PHASE
539	-18.62	12.91	61#	18.51	3.33	1.39	1.81	1.69	.64	.87	1.26	AMP
540	-11.93	14.11	61#	7.81	124.36	238.49	388.97	341.68	36.18	387.97	228.71	PHASE
541	-14.28	18.29	61#	3.28	2.87	.77	1.41	1.15	.68	.32	.45	AMP
542	1.19	5.88	612	385.87	116.78	27.77	317.42	33.97	136.46	331.33	142.98	PHASE
543	-.61	5.78	611	3.18	1.79	.22	1.36	1.16	.68	.44	.44	AMP
544	-2.57	5.68	611	321.26	112.59	27.41	298.23	28.89	162.56	342.19	145.46	PHASE
545	-4.48	5.88	61#	3.44	1.52	.11	1.36	1.42	.62	.58	.51	AMP
546	-6.64	7.34	608	336.83	113.76	293.72	284.27	28.36	168.18	318.97	128.73	PHASE
547	-8.98	9.11	611	4.29	1.71	.34	1.63	1.28	.68	.43	.43	AMP
548	-11.82	11.73	611	358.19	121.12	296.92	386.29	57.78	186.94	345.85	188.72	PHASE
549	-14.29	16.78	61#	4.89	1.25	.49	1.64	1.34	.62	.87	.47	AMP
550	1.28	7.98	61#	1.14	128.51	255.85	287.37	43.44	168.29	389.67	135.62	PHASE
551	-.72	8.88	61#	6.47	1.59	1.88	1.66	1.39	.63	.91	.66	AMP
552	-2.97	8.44	611	12.32	125.87	258.56	388.47	65.85	191.93	331.75	164.52	PHASE
553	-5.72	9.68	61#	8.52	2.13	1.58	1.61	1.53	.23	.88	.88	AMP
554	-8.47	12.59	609	15.28	119.49	251.36	292.79	53.85	211.14	336.87	155.29	PHASE
555	-9.69	13.83	61#	9.77	2.33	1.66	1.46	1.64	.28	.96	.72	AMP
556	4.43	7.95	61#	14.85	188.47	246.34	287.86	38.45	325.87	333.88	135.46	PHASE
557	2.82	8.87	61#	12.65	3.82	2.28	1.49	1.82	.79	1.36	.57	AMP
558	-.33	7.79	61#	11.24	94.83	248.62	293.33	32.46	296.58	318.24	161.48	PHASE
559	-2.73	8.54	61#	2.83	1.37	1.39	1.83	.91	.43	.38	1.28	AMP
560	-5.67	11.26	61#	383.51	188.13	357.82	383.22	1.49	134.54	312.35	188.29	PHASE
561	-9.49	16.75	609	2.73	1.88	.21	1.87	1.13	.55	.26	.27	AMP
562	-9.78	15.61	608	324.57	112.44	333.53	298.16	11.92	164.74	383.28	189.86	PHASE
563	2.29	6.53	61#	3.81	.94	.25	1.25	1.88	.51	.39	.24	AMP
564	-.32	6.85	611	342.25	117.45	298.54	285.58	18.16	149.99	382.62	187.12	PHASE
565	-1.59	7.36	61#	3.53	.75	.39	1.38	1.88	.53	.48	.19	AMP
566	-3.95	7.95	61#	357.81	132.32	282.37	295.42	23.53	168.72	313.88	122.96	PHASE
567	-5.88	8.24	61#	8.48	.74	.61	1.35	1.89	.64	.71	.23	AMP
568	-8.22	18.63	61#	5.92	135.46	267.31	291.81	22.47	176.78	382.91	98.47	PHASE
569	-18.62	12.91	61#	13.74	.78	.98	1.37	1.84	.78	.83	.21	AMP
570	-11.93	14.11	61#	7.65	135.98	251.72	281.88	23.64	175.57	284.82	47.34	PHASE
571	-14.28	18.29	61#	16.38	1.11	1.55	1.34	1.36	.67	.91	.35	AMP
572	1.19	5.88	612	12.81	123.61	241.84	275.86	27.89	165.22	275.12	347.73	PHASE
573	-.61	5.78	611	12.81	1.91	2.22	1.77	1.26	.66	1.33	.66	AMP
574	-2.57	5.68	611	13.83	78.18	253.81	298.18	22.81	251.85	286.61	296.88	PHASE



TABLE VIII.- Continued

(c) Continued

FLAPWISE 37 PERCENT RADIUS												
RUN NO		18										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
519	24.15	23.50	61#	12.31	8.75	7.98	2.76	3.24	.54	.27	.83	AMP
				148.19	315.74	51.61	328.72	86.95	319.25	168.63	237.53	PHASE
520	25.76	24.83	61#	13.19	8.47	7.70	2.66	3.15	.43	.32	.7#	AMP
				142.97	319.89	51.88	337.33	99.3#	324.18	187.66	256.83	PHASE
521	27.34	24.25	61#	13.93	8.19	7.82	2.47	2.75	.58	.28	.66	AMP
				141.34	315.88	41.59	331.72	92.58	3#2.56	193.85	249.16	PHASE
522	29.##	23.86	611	14.45	7.72	8.23	1.94	2.71	.42	.36	.27	AMP
				142.83	32#.76	44.85	338.84	96.82	32#.56	198.88	275.22	PHASE
523	3#.66	23.29	61#	14.92	7.42	8.35	1.54	2.33	.3#	.49	.18	AMP
				139.2#	315.46	31.26	322.72	74.3#	268.71	189.85	356.79	PHASE
524	31.9#	22.88	6#9	15.44	7.54	8.2#	1.36	1.85	.3#	.43	.64	AMP
				138.67	318.51	28.83	314.59	71.46	225.55	2#4.63	352.52	PHASE
525	32.64	22.71	61#	15.25	7.41	9.22	1.3#	1.59	.49	.5#	.84	AMP
				137.87	319.64	25.8#	3#7.47	73.31	2#4.11	197.79	357.55	PHASE
526	22.99	24.96	61#	14.25	9.51	7.32	2.22	3.89	.59	.21	.86	AMP
				148.88	319.84	66.74	345.41	94.88	325.41	176.86	253.98	PHASE
527	24.71	25.86	61#	15.35	9.28	7.12	1.78	2.51	.41	.29	.31	AMP
				142.97	32#.44	66.74	.91	89.15	346.47	167.69	335.24	PHASE
528	26.16	25.##	61#	16.83	8.87	7.18	1.54	2.21	.48	.36	.23	AMP
				145.29	322.47	68.37	14.11	87.99	334.39	193.67	1.85	PHASE
529	27.65	25.22	61#	16.56	8.64	7.4#	1.32	1.99	.45	.4#	.2#	AMP
				144.73	323.24	64.52	19.53	78.79	337.66	19#.82	25.89	PHASE
530	29.88	25.36	61#	17.88	8.66	7.34	.9#	1.89	.36	.37	.41	AMP
				142.47	32#.28	54.7#	9.##	49.28	324.98	182.56	357.58	PHASE
531	3#.32	24.34	6#9	17.48	8.6#	7.18	.74	2.87	.21	.3#	.32	AMP
				144.63	33#.83	57.99	346.3#	28.91	323.97	2#1.8#	28.45	PHASE
532	3#.9#	24.83	6#8	17.89	8.89	7.85	.8#	1.34	.1#	.33	.46	AMP
				141.52	326.75	47.9#	316.31	48.64	219.96	179.87	1#.49	PHASE
533	25.79	19.8#	61#	11.82	6.66	6.68	1.96	2.85	.48	.24	.68	AMP
				142.15	327.57	45.27	332.32	96.68	314.23	217.48	248.44	PHASE
534	27.36	28.18	611	11.82	6.78	7.23	2.87	2.59	.64	.31	.62	AMP
				148.38	32#.46	32.83	316.92	87.41	282.7#	2#6.76	225.71	PHASE
535	28.81	28.8#	61#	12.6#	6.9#	7.5#	1.91	2.54	.65	.28	.56	AMP
				139.72	32#.4#	26.81	31#.23	82.18	289.46	188.93	232.24	PHASE
536	3#.37	21.43	61#	13.89	7.16	7.93	1.77	2.58	.46	.48	.4#	AMP
				146.68	329.81	42.97	315.27	1#5.65	286.45	227.48	277.39	PHASE
537	32.22	28.28	61#	13.71	6.69	7.73	1.49	2.57	.48	.37	.39	AMP
				148.85	329.39	28.83	298.86	81.89	265.81	2#4.53	24#.66	PHASE
538	33.9#	28.23	61#	14.87	6.37	7.43	1.36	2.42	.59	.36	.43	AMP
				142.69	336.47	34.69	286.2#	1#2.74	257.6#	226.81	275.86	PHASE
539	35.4#	28.45	61#	14.25	6.14	6.96	1.37	2.45	.7#	.38	.54	AMP
				138.63	337.13	24.19	263.95	99.57	229.18	223.32	271.72	PHASE
540	36.25	28.55	61#	14.31	6.39	6.66	1.42	2.48	.8#	.31	.47	AMP
				135.6#	339.44	16.52	245.67	95.13	213.66	217.86	246.34	PHASE
541	36.99	28.23	61#	13.96	6.67	5.86	1.82	2.46	.86	.21	.48	AMP
				132.33	338.83	8.67	229.5#	97.32	196.59	171.88	257.57	PHASE
542	27.59	13.88	612	9.97	5.19	5.86	1.43	2.11	.44	.18	.35	AMP
				142.26	336.64	31.39	328.82	67.46	285.52	285.86	288.8#	PHASE
543	29.11	15.66	611	18.79	5.51	5.8#	1.5#	1.86	.6#	.2#	.41	AMP
				143.82	335.38	27.82	325.45	68.91	286.74	224.87	286.82	PHASE
544	3#.78	16.92	611	11.44	5.79	6.21	1.38	2.86	.54	.27	.28	AMP
				143.29	334.82	23.56	312.55	52.42	275.41	2#7.63	19#.82	PHASE
545	32.36	17.45	61#	12.82	5.96	6.39	1.34	2.14	.45	.3#	.28	AMP
				145.65	344.69	29.93	32#.12	64.49	281.52	241.94	288.2#	PHASE
546	34.3#	18.42	6#8	12.94	6.31	6.58	1.41	2.31	.42	.32	.41	AMP
				144.56	345.56	24.17	389.56	61.56	25#.2#	241.41	193.6#	PHASE
547	36.25	19.46	611	13.59	6.61	6.54	1.39	2.29	.49	.27	.38	AMP
				142.34	346.51	17.76	297.85	56.87	224.87	246.82	16#.83	PHASE
548	37.79	19.66	611	14.82	6.89	6.83	1.29	2.26	.64	.18	.42	AMP
				139.38	345.98	9.94	282.64	55.34	287.28	244.9#	132.61	PHASE
549	39.17	28.87	61#	13.78	7.85	4.5#	1.26	1.81	.69	.18	.49	AMP
				132.6#	344.6#	352.93	241.61	52.95	189.75	133.23	84.81	PHASE

TABLE VIII.- Continued

(c) Continued

CHORDWISE 37 PERCENT RADIUS												
RUN NO 18												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
519	31.95	31.80	610	10.27	4.93	3.01	4.40	.68	13.00	2.55	1.44	AMP
				262.84	111.98	276.87	48.55	274.10	239.93	37.58	147.19	PHASE
520	30.27	30.41	610	13.86	7.04	5.94	4.76	1.00	4.91	6.17	1.71	AMP
				280.91	126.34	278.21	49.77	243.64	293.69	51.22	163.34	PHASE
521	28.69	41.36	610	20.28	10.15	8.07	6.23	5.40	4.74	8.36	.73	AMP
				290.35	131.40	262.16	25.63	273.98	40.33	53.74	170.06	PHASE
522	27.05	48.21	611	28.41	12.81	11.57	8.11	6.25	9.97	7.52	1.02	AMP
				314.16	139.73	264.34	41.72	293.41	5.38	86.77	51.76	PHASE
523	24.21	59.68	610	30.12	14.48	15.29	9.80	6.26	4.55	3.01	1.56	AMP
				325.16	137.93	256.20	37.33	291.71	321.90	36.85	3.57	PHASE
524	20.90	69.18	609	48.04	15.50	10.76	10.70	7.21	10.77	7.32	2.96	AMP
				336.36	141.29	261.39	36.71	308.59	328.96	305.14	334.27	PHASE
525	19.77	75.13	610	53.05	15.33	20.56	11.20	6.54	13.28	9.26	4.64	AMP
				336.66	141.19	260.39	30.65	323.02	345.68	318.03	335.21	PHASE
526	31.01	28.84	610	13.12	5.22	4.14	4.37	1.14	9.48	3.44	1.02	AMP
				261.54	113.73	262.30	62.68	238.93	264.26	66.43	197.69	PHASE
527	28.23	42.00	610	20.19	7.56	8.44	5.19	4.73	16.03	2.44	1.32	AMP
				282.00	132.98	207.23	72.98	277.34	286.30	46.60	163.38	PHASE
528	25.17	44.42	610	25.52	10.82	8.06	6.30	7.34	9.14	4.79	1.34	AMP
				301.45	141.11	294.43	70.50	291.31	352.05	84.26	215.30	PHASE
529	22.42	52.00	610	31.66	13.56	10.21	6.99	8.82	5.74	5.69	.64	AMP
				314.68	146.81	288.81	80.62	299.87	348.93	119.57	207.05	PHASE
530	18.43	60.36	610	40.57	16.23	12.72	7.91	9.21	7.76	2.07	.65	AMP
				328.14	145.73	279.08	71.40	303.76	310.16	240.46	291.00	PHASE
531	12.00	76.02	609	52.33	18.04	16.59	8.04	9.77	12.74	10.61	1.36	AMP
				349.52	154.87	295.10	59.80	340.59	339.00	315.24	59.04	PHASE
532	13.92	70.53	600	52.23	17.00	17.29	7.90	8.00	12.35	7.26	1.57	AMP
				337.14	151.46	282.38	54.13	331.00	335.94	292.72	20.05	PHASE
533	20.67	25.20	610	8.31	4.30	3.28	3.76	2.09	5.96	4.13	.97	AMP
				273.81	105.65	288.94	55.12	109.54	307.29	82.19	185.55	PHASE
534	20.64	31.57	611	12.44	6.02	6.05	4.79	1.65	7.58	5.89	1.12	AMP
				290.50	114.41	265.86	19.85	35.71	36.51	40.55	195.13	PHASE
535	20.32	36.69	610	18.31	8.94	8.31	7.66	1.03	3.76	5.75	.47	AMP
				309.92	125.02	249.63	17.84	346.38	85.36	60.59	160.18	PHASE
536	26.00	51.60	610	27.10	11.37	12.82	9.85	4.39	8.88	3.65	1.10	AMP
				339.56	144.11	267.79	51.14	39.05	332.81	345.98	220.29	PHASE
537	26.40	57.59	610	33.31	11.25	15.00	9.75	3.34	7.05	4.48	1.45	AMP
				330.31	144.56	253.19	35.98	353.05	277.72	304.15	126.30	PHASE
538	24.18	74.54	610	45.70	11.58	20.26	10.36	4.24	10.45	3.90	1.16	AMP
				341.97	154.50	264.82	48.83	355.03	318.23	314.11	195.26	PHASE
539	22.04	88.95	610	57.54	10.97	24.15	10.94	6.34	11.36	7.42	1.20	AMP
				344.82	155.55	259.65	35.19	334.97	333.77	307.79	251.09	PHASE
540	22.13	92.70	610	63.25	10.70	26.23	10.94	8.01	13.41	7.80	1.05	AMP
				344.30	161.39	254.74	21.45	323.32	336.55	300.04	242.82	PHASE
541	22.40	102.65	610	72.79	13.16	30.14	10.19	7.29	11.29	7.51	1.58	AMP
				350.95	164.46	249.87	2.52	290.02	357.21	326.42	205.51	PHASE
570	27.45	19.14	612	5.02	2.79	2.97	4.36	2.32	5.70	2.92	.92	AMP
				278.71	123.24	284.09	49.84	62.94	312.44	72.57	133.11	PHASE
571	27.92	26.77	611	9.89	5.04	4.87	5.91	2.18	6.70	4.36	.83	AMP
				311.97	131.85	256.33	30.06	7.62	75.07	74.68	116.92	PHASE
572	28.23	31.97	611	16.93	6.34	8.20	7.56	3.75	7.75	2.06	1.03	AMP
				331.85	140.07	242.83	31.74	10.21	31.30	102.90	121.00	PHASE
573	28.22	43.78	610	23.49	6.72	11.23	8.74	3.25	2.69	.89	1.73	AMP
				340.27	156.14	250.17	44.89	24.17	312.21	162.83	144.32	PHASE
574	27.54	63.62	600	35.44	7.26	15.44	10.06	2.37	7.22	2.75	1.00	AMP
				346.70	162.21	248.23	39.77	357.68	323.45	203.54	155.81	PHASE
575	26.90	00.16	611	48.37	7.60	20.17	11.26	2.17	7.45	1.47	2.23	AMP
				346.47	172.78	244.73	31.70	301.26	307.02	200.62	141.61	PHASE
576	25.35	00.76	611	61.53	7.45	23.03	11.71	2.62	7.50	2.72	1.93	AMP
				340.02	102.04	243.01	19.01	253.00	330.07	355.60	119.91	PHASE
577	25.50	113.02	610	83.07	12.90	20.37	10.02	11.01	9.17	8.1	3.39	AMP
				357.65	190.02	237.01	352.27	242.99	18.33	60.79	53.27	PHASE

TABLE VIII.- Continued

(c) Continued

TORSION 36 PERCENT RADIUS											
RUN NO 18											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
519	2.98	7.88	618	3.74	2.69	.13	1.76	1.85	.45	.43	.41 AMP
520	.99	7.63	618	382.89	189.31	23.54	287.23	343.59	62.66	288.26	88.22 PHASE
521	-.95	7.59	618	3.76	2.36	.21	1.57	1.86	.52	.58	.15 AMP
522	-3.11	7.88	611	318.18	114.89	14.47	288.67	358.93	127.58	287.37	92.58 PHASE
523	-5.76	8.74	618	3.99	2.88	.17	1.42	1.13	.61	.67	.88 AMP
524	-8.33	18.93	689	329.79	187.91	357.27	272.48	347.26	145.52	288.69	84.78 PHASE
525	-9.48	12.24	618	4.68	1.98	.87	1.55	1.81	.43	.87	.12 AMP
526	4.83	7.67	618	343.23	118.71	289.65	272.67	359.43	174.77	293.37	222.28 PHASE
527	1.69	7.37	618	5.84	2.81	.43	1.74	.96	.15	.85	.34 AMP
528	-.54	7.37	618	358.22	188.21	282.68	258.81	333.65	146.16	278.33	184.44 PHASE
529	-2.88	7.71	618	7.62	2.37	.79	2.84	1.15	.38	.98	.71 AMP
530	-5.55	9.78	618	356.21	97.33	218.94	258.77	311.81	298.81	287.18	173.27 PHASE
531	-8.98	14.24	689	8.37	2.52	.92	2.19	1.31	.41	.86	.99 AMP
532	-9.28	13.26	688	357.43	93.57	218.89	257.97	318.22	382.44	281.74	176.79 PHASE
533	2.12	6.15	618	4.83	2.97	.24	1.38	1.19	.46	.38	.37 AMP
534	.24	6.39	611	385.59	113.69	88.81	384.51	358.53	78.67	277.84	192.87 PHASE
535	-1.66	6.77	618	4.88	2.59	.18	1.25	.88	.27	.68	.38 AMP
536	-4.81	7.52	618	325.59	115.85	93.14	386.43	352.96	65.43	276.55	173.34 PHASE
537	-5.79	7.87	618	4.58	2.45	.25	1.84	.98	.19	.68	.36 AMP
538	-8.14	9.89	618	348.19	115.88	172.23	388.88	345.38	281.53	318.82	185.52 PHASE
539	-18.43	11.89	618	5.34	2.42	.54	1.12	.86	.32	.67	.49 AMP
540	-11.72	13.88	618	347.84	116.61	185.86	286.24	331.82	281.84	329.97	162.17 PHASE
541	-13.84	16.41	618	6.86	2.87	.84	1.35	1.89	.39	.61	.69 AMP
542	-.92	4.94	612	353.58	188.88	198.74	274.17	389.48	318.53	327.36	148.67 PHASE
543	-9.96	5.42	611	9.84	3.41	1.18	1.61	1.26	.35	.42	.98 AMP
544	-2.94	5.39	611	1.11	187.66	285.77	282.51	389.28	185.47	242.71	177.99 PHASE
545	-4.79	5.75	618	9.47	2.97	1.21	1.78	1.35	.23	.48	.98 AMP
546	-7.88	6.83	688	358.19	185.11	199.36	271.38	387.77	357.22	269.68	171.89 PHASE
547	-9.38	8.49	611	3.34	2.15	.26	1.22	.97	.62	.26	.32 AMP
548	-11.29	18.78	611	299.75	183.32	1.78	287.45	354.98	97.17	296.92	96.67 PHASE
549	-14.54	15.84	618	3.25	1.87	.89	1.19	.96	.57	.48	.31 AMP
550				314.63	99.58	355.87	268.54	341.66	117.64	298.48	98.84 PHASE
551				3.54	1.62	.14	1.18	1.16	.56	.51	.34 AMP
552				329.85	188.74	218.68	255.19	348.34	128.67	276.85	88.11 PHASE
553				4.29	1.73	.29	1.41	.99	.56	.83	.27 AMP
554				358.88	188.69	258.28	275.46	16.65	148.48	382.16	139.28 PHASE
555				4.98	1.34	.48	1.48	1.18	.57	.71	.29 AMP
556				353.82	189.41	215.93	258.28	2.25	119.92	265.44	82.62 PHASE
557				6.48	1.66	.92	1.47	1.16	.62	.75	.47 AMP
558				4.98	113.87	222.93	271.85	25.85	148.74	285.74	111.64 PHASE
559				8.25	2.15	1.39	1.46	1.38	.28	.76	.68 AMP
560				8.86	187.28	216.85	263.88	14.88	128.74	288.33	99.94 PHASE
561				9.41	2.35	1.44	1.33	1.45	.87	.88	.54 AMP
562				6.99	97.25	218.47	257.76	.53	34.85	282.51	79.93 PHASE
563				11.95	2.98	1.75	1.34	1.59	.48	1.16	.41 AMP
564				3.78	81.99	214.53	264.43	353.89	254.12	262.29	186.32 PHASE
565				2.94	1.58	.26	.98	.79	.48	.25	.22 AMP
566				388.88	93.86	338.87	273.11	323.78	95.97	272.42	54.33 PHASE
567				2.91	1.22	.89	.94	.98	.49	.22	.19 AMP
568				328.93	97.93	288.92	268.92	334.29	128.43	261.26	56.73 PHASE
569				3.22	1.87	.16	1.89	.95	.46	.33	.19 AMP
570				336.85	181.96	238.61	255.83	331.58	188.98	268.93	48.16 PHASE
571				3.74	.84	.27	1.13	.95	.48	.41	.14 AMP
572				351.28	116.88	248.98	265.28	345.25	125.81	268.88	57.88 PHASE
573				4.71	.81	.45	1.21	.96	.58	.58	.17 AMP
574				1.18	122.57	224.37	259.75	344.15	132.64	254.48	42.23 PHASE
575				5.89	.84	.88	1.22	.93	.64	.69	.18 AMP
576				6.62	123.36	211.26	258.93	344.64	126.86	236.77	353.69 PHASE
577				7.43	1.15	1.26	1.18	1.22	.63	.78	.28 AMP
578				9.11	114.35	286.81	246.31	358.33	115.97	227.59	299.74 PHASE
579				11.38	1.86	1.58	.72	1.14	.48	1.13	.58 AMP
580				5.56	72.15	221.96	269.55	346.87	282.94	238.41	248.33 PHASE

TABLE VIII.- Continued

(c) Continued

FLAPWISE 51 PERCENT RADIUS											
RUN NO		18									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
519	6.68	32.79	61Ø	17.2Ø	13.68	8.66	1.57	2.32	1.62	1.93	2.81
				134.82	314.81	48.29	327.69	25Ø.59	121.29	36.36	244.23
52Ø	8.73	32.42	61Ø	18.27	13.21	8.61	1.58	2.19	1.54	2.82	2.8Ø
				137.47	316.66	47.15	339.54	268.53	122.26	5Ø.79	268.98
521	1Ø.66	32.1Ø	61Ø	19.23	12.62	8.8Ø	1.61	1.99	1.67	2.19	1.72
				136.24	312.14	36.86	337.59	248.67	97.73	36.Ø3	266.43
522	12.64	31.39	611	2Ø.Ø2	11.74	9.42	1.53	1.81	1.66	2.83	1.Ø3
				138.9Ø	314.14	37.95	342.82	257.22	111.28	56.99	318.82
523	14.72	31.18	61Ø	2Ø.96	11.8Ø	9.8Ø	1.4Ø	1.51	1.68	1.83	1.64
				136.22	3Ø6.83	25.28	329.65	236.81	84.38	41.53	341.27
524	16.22	31.45	6Ø9	21.95	11.1Ø	9.84	1.25	1.16	1.62	1.83	3.11
				136.96	3Ø7.34	23.32	333.77	233.79	72.15	36.24	344.75
525	17.28	3Ø.96	61Ø	22.11	1Ø.71	9.91	1.19	.97	1.68	1.95	3.8Ø
				136.37	3Ø6.3Ø	2Ø.78	335.51	23Ø.55	67.69	39.15	349.79
526	5.Ø7	32.67	61Ø	19.18	14.33	7.98	1.Ø7	2.1Ø	1.91	1.88	.91
				134.75	318.67	61.15	345.11	251.2Ø	138.11	72.46	329.17
527	7.85	33.78	61Ø	2Ø.34	13.73	7.92	.95	1.59	1.73	2.33	1.73
				138.89	318.15	68.87	35Ø.39	247.42	132.86	78.61	336.35
528	8.92	34.31	61Ø	21.37	13.87	8.83	1.87	1.48	1.71	2.19	1.68
				14Ø.98	318.72	61.16	4.71	243.67	13Ø.48	93.44	355.46
529	1Ø.67	34.81	61Ø	22.87	12.73	8.38	1.19	1.43	1.7Ø	1.95	1.79
				141.29	317.43	55.49	2.98	243.12	124.34	92.84	357.26
53Ø	12.6Ø	35.2Ø	61Ø	23.12	12.58	8.64	1.Ø4	1.48	1.55	1.8Ø	2.43
				139.56	312.11	45.Ø2	358.84	222.83	1Ø5.32	74.66	341.22
531	14.17	36.34	6Ø9	23.98	12.71	8.73	.72	1.57	1.25	1.55	2.34
				143.32	317.83	45.36	14.23	222.94	96.83	77.43	357.33
532	15.Ø1	34.85	6Ø8	23.65	12.72	8.99	1.Ø4	1.21	1.16	1.62	2.75
				14Ø.47	315.49	38.26	2.23	233.45	83.51	64.42	358.28
533	9.67	26.89	61Ø	15.91	18.94	7.63	1.68	1.83	.88	1.33	1.96
				134.89	319.52	41.67	319.81	264.37	142.79	45.78	261.88
534	11.4Ø	28.22	611	16.85	1Ø.56	8.45	1.68	1.78	.87	1.26	1.79
				133.23	312.15	28.94	315.18	245.61	1Ø6.26	28.75	246.56
535	13.16	28.73	61Ø	17.9Ø	1Ø.71	9.Ø4	1.78	2.83	1.Ø4	1.29	1.98
				133.95	311.89	22.58	3Ø9.28	241.88	93.4Ø	22.54	242.68
536	14.86	3Ø.37	61Ø	18.99	11.81	9.61	1.59	1.91	1.16	1.35	1.49
				141.89	319.19	38.76	328.19	264.15	115.93	63.84	297.87
537	17.16	29.69	61Ø	19.73	1Ø.23	9.97	1.63	1.83	.98	1.27	1.59
				137.8Ø	314.54	23.28	311.25	251.68	97.2Ø	31.23	254.54
538	19.17	3Ø.81	61Ø	2Ø.49	9.77	9.89	1.41	1.63	.82	1.36	1.73
				14Ø.31	317.58	29.79	32Ø.93	27Ø.79	1Ø3.23	46.87	286.68
539	21.82	29.58	61Ø	21.86	9.34	9.63	1.36	1.58	.79	1.47	1.98
				138.13	313.45	2Ø.44	3Ø8.53	266.63	83.72	2Ø.68	284.85
540	21.97	28.92	61Ø	21.14	9.36	9.38	1.3Ø	1.68	.73	1.49	1.55
				136.39	312.81	13.65	293.68	262.64	73.48	6.14	264.82
541	22.97	29.62	61Ø	21.16	9.56	8.77	1.17	1.81	.87	2.83	1.92
				135.86	3Ø9.98	8.46	282.19	262.73	56.23	3.86	27Ø.29
57Ø	12.48	21.18	612	14.52	7.65	5.91	1.17	1.54	.54	.84	.87
				135.14	323.86	25.51	3Ø4.38	25Ø.29	132.25	24.18	2Ø5.54
571	13.93	22.66	611	15.44	8.81	7.84	1.15	1.61	.55	.88	1.82
				137.83	322.8Ø	21.85	3Ø6.8Ø	246.67	112.35	21.25	211.99
572	15.73	23.72	611	16.41	8.28	7.97	1.13	1.65	.56	.68	.82
				137.17	321.17	17.8Ø	294.33	24Ø.92	1Ø2.53	13.26	2Ø8.61
573	17.52	24.24	61Ø	17.2Ø	8.37	8.4Ø	1.Ø8	1.63	.57	.62	.68
				14Ø.85	328.69	24.95	299.88	255.24	119.1Ø	3Ø.99	229.84
574	19.69	26.54	6Ø8	18.42	8.69	9.Ø1	1.Ø5	1.58	.56	.68	.91
				141.25	326.94	2Ø.44	289.93	254.78	98.77	4.98	213.22
575	22.81	27.69	611	19.46	8.73	9.46	.98	1.53	.49	.61	.83
				14Ø.89	324.69	15.88	282.56	254.84	88.15	344.81	176.66
576	23.86	28.43	611	2Ø.36	8.69	9.3Ø	.75	1.54	.54	.73	.85
				139.69	321.84	9.81	276.59	252.66	67.58	328.29	132.9Ø
577	25.55	28.24	61Ø	2Ø.58	9.41	7.71	.79	1.37	.87	.81	.81
				136.86	315.93	356.36	236.65	244.62	53.74	6.95	74.16

TABLE VIII.- Continued

(c) Continued

CHORDWISE 51 PERCENT RADIUS												
RUN NO		18										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
519	18.78	34.62	610	18.87	5.67	2.76	4.45	1.14	14.46	2.89	1.82	AMP
				274.63	119.81	281.14	58.82	275.42	242.94	41.67	168.55	PHASE
520	9.71	33.47	610	14.34	7.57	5.14	5.86	2.27	5.72	6.93	1.67	AMP
				286.79	138.23	287.37	59.68	248.64	296.18	53.81	168.57	PHASE
521	8.75	39.91	610	19.65	9.92	7.17	6.42	5.48	5.84	9.75	1.72	AMP
				298.32	132.34	272.25	35.62	271.83	36.88	56.82	178.99	PHASE
522	7.33	44.86	611	25.89	11.78	9.11	8.55	6.18	1.42	8.94	1.71	AMP
				310.81	138.18	274.13	49.88	298.13	354.17	98.36	62.31	PHASE
523	4.83	55.14	610	33.68	13.84	12.12	10.37	6.87	5.48	3.57	2.33	AMP
				319.27	132.98	265.31	41.17	291.11	323.57	53.17	22.64	PHASE
524	1.63	63.71	609	41.91	14.85	15.48	11.57	7.35	12.44	7.48	3.84	AMP
				328.93	134.17	269.67	37.53	312.49	332.24	389.28	358.48	PHASE
525	.16	69.58	610	45.82	14.85	19.28	12.31	8.89	14.99	9.32	5.81	AMP
				329.78	132.99	268.81	31.85	328.46	348.98	324.31	346.24	PHASE
526	11.23	29.32	610	13.22	5.87	3.56	4.16	1.38	18.56	4.87	.56	AMP
				272.86	128.67	265.88	78.13	253.47	265.98	68.81	196.69	PHASE
527	9.55	43.98	610	19.29	7.93	6.82	5.32	4.76	17.61	3.83	.99	AMP
				285.85	132.92	289.98	78.67	278.84	288.48	56.94	124.15	PHASE
528	7.46	42.64	610	24.87	10.62	7.81	6.42	6.99	18.33	6.81	1.81	AMP
				381.38	139.84	388.86	82.13	298.66	354.28	87.96	212.28	PHASE
529	5.18	51.24	610	28.94	12.71	7.88	7.35	8.48	6.96	7.32	.43	AMP
				312.86	142.88	295.67	82.67	299.84	353.79	122.17	171.51	PHASE
530	1.58	56.87	610	36.31	15.87	10.84	8.32	8.86	9.89	2.11	1.88	AMP
				322.83	138.72	286.35	71.59	386.37	325.68	218.25	348.33	PHASE
531	-3.62	67.63	609	46.28	17.33	14.89	9.29	9.89	14.56	11.38	2.98	AMP
				341.82	144.79	388.84	58.85	357.15	346.38	319.31	64.48	PHASE
532	-3.22	67.37	608	46.93	16.12	14.58	9.88	8.95	14.36	7.84	2.72	AMP
				331.58	141.41	288.34	51.89	339.81	342.64	294.74	36.83	PHASE
533	7.82	27.95	610	9.12	4.53	2.89	4.86	2.48	6.94	4.95	.88	AMP
				284.44	116.58	293.76	59.85	118.46	389.43	86.92	233.89	PHASE
534	7.48	33.82	611	13.82	6.84	5.24	5.18	.92	8.28	6.78	1.38	AMP
				293.72	128.61	276.58	31.79	28.69	35.42	51.81	218.25	PHASE
535	7.45	36.74	610	17.79	8.56	6.81	7.93	.88	3.68	6.61	.27	AMP
				386.54	127.46	263.24	25.96	292.26	83.78	63.24	255.84	PHASE
536	6.58	47.69	610	24.88	18.39	18.27	18.88	3.57	18.87	4.89	.97	AMP
				338.16	142.86	278.74	56.84	34.85	333.19	344.61	225.59	PHASE
537	5.98	55.32	610	29.48	18.15	12.65	18.43	2.87	8.18	.41	1.79	AMP
				323.34	148.69	263.91	48.84	345.84	281.83	289.57	118.36	PHASE
538	3.48	63.64	610	38.87	18.31	16.57	11.13	3.98	11.86	4.38	1.48	AMP
				334.18	147.62	274.27	58.97	348.38	328.67	316.41	187.28	PHASE
539	1.28	73.22	610	48.12	18.11	28.21	12.88	6.11	12.67	8.58	1.21	AMP
				336.97	144.97	267.41	35.22	334.82	335.78	311.21	249.49	PHASE
540	.75	75.88	610	52.11	18.32	22.46	12.11	7.98	14.97	9.81	1.17	AMP
				337.81	149.26	268.97	28.28	322.83	338.35	384.88	231.28	PHASE
541	1.87	85.88	610	57.65	14.43	27.87	11.82	7.61	12.74	8.75	2.85	AMP
				344.48	153.66	254.16	1.44	287.85	356.97	331.94	282.56	PHASE
578	5.62	21.38	612	6.28	3.86	2.58	4.61	2.83	6.47	3.55	.74	AMP
				292.78	135.53	291.89	51.22	63.89	314.17	78.42	147.93	PHASE
571	4.93	29.87	611	18.61	4.98	4.18	6.18	1.81	7.86	5.81	.74	AMP
				318.68	137.42	268.86	36.36	1.35	74.39	77.42	119.42	PHASE
572	4.32	32.16	611	15.86	6.88	6.55	7.92	3.26	1.88	2.37	2.87	AMP
				324.78	142.45	254.42	35.19	7.42	4.53	114.62	122.12	PHASE
573	3.97	48.52	610	28.96	6.34	8.83	9.28	2.84	3.43	1.34	2.86	AMP
				332.33	154.88	261.87	47.66	21.89	313.77	185.55	143.48	PHASE
574	3.88	55.41	608	29.83	6.66	12.18	18.88	2.14	8.17	3.58	2.27	AMP
				338.23	157.12	259.27	42.88	352.84	323.49	288.39	156.61	PHASE
575	1.78	67.96	611	39.73	6.59	16.85	12.35	1.98	8.45	2.88	2.87	AMP
				338.67	163.77	254.97	33.58	388.29	387.93	281.17	139.43	PHASE
576	.11	75.98	611	49.51	6.84	19.36	13.89	2.35	8.25	3.88	2.36	AMP
				348.87	169.64	252.83	28.68	251.83	337.47	358.24	114.94	PHASE
577	.32	92.79	610	63.55	12.82	25.18	11.43	11.74	9.64	5.56	4.48	AMP
				351.56	173.98	242.47	352.68	242.96	15.49	66.98	58.92	PHASE

TABLE VIII.- Continued

(c) Continued

TORSION 5% PERCENT RADIUS											
RUN NO		18									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
519	3.63	7.24	610	3.39	2.86	.22	1.69	1.16	.55	.48	.48 AMP
				386.54	121.60	26.84	313.39	16.71	189.07	347.35	168.80 PHASE
520	1.67	7.72	610	3.37	2.51	.31	1.50	1.12	.58	.63	.16 AMP
				322.99	127.93	18.33	317.28	25.13	158.42	339.01	192.34 PHASE
521	-1.18	7.57	610	3.52	2.16	.32	1.30	1.13	.64	.78	.06 AMP
				335.18	123.17	4.20	384.85	19.40	174.11	338.15	217.99 PHASE
522	-2.20	7.53	611	3.96	1.85	.17	1.34	1.83	.47	.17	.17 AMP
				349.69	129.14	11.28	383.27	28.76	288.66	348.42	383.73 PHASE
523	-4.56	7.74	610	4.86	1.69	.12	1.51	1.82	.19	.92	.26 AMP
				357.39	118.61	218.09	283.50	2.18	164.99	325.27	268.10 PHASE
524	-6.85	9.45	609	6.34	1.81	.48	1.97	1.31	.28	1.01	.63 AMP
				3.09	118.47	286.71	282.18	347.09	336.53	332.35	236.64 PHASE
525	-7.91	18.53	610	7.02	1.89	.63	2.14	1.47	.40	.93	.88 AMP
				4.26	184.34	282.47	279.33	343.38	346.79	331.56	236.30 PHASE
526	4.70	7.88	610	3.65	3.19	.19	1.28	1.22	.60	.19	.40 AMP
				388.40	125.61	76.44	338.03	31.92	127.39	356.48	249.41 PHASE
527	2.48	7.13	610	3.50	2.75	.18	1.18	.90	.33	.47	.34 AMP
				328.46	127.69	19.22	334.84	27.85	118.03	333.94	248.39 PHASE
528	.38	7.10	610	3.74	2.41	.03	.91	.84	.23	.59	.27 AMP
				343.55	138.40	356.24	331.25	19.69	283.03	4.96	251.26 PHASE
529	-1.67	6.64	610	4.31	2.20	.20	.97	.84	.17	.73	.37 AMP
				352.07	131.94	197.54	314.20	6.41	299.29	21.42	193.19 PHASE
530	-4.12	8.20	610	5.43	2.16	.54	1.24	1.08	.28	.69	.60 AMP
				358.60	121.82	194.24	297.44	344.94	1.21	19.77	189.58 PHASE
531	-7.13	12.50	609	7.81	2.67	1.07	1.64	1.11	.31	.28	.91 AMP
				5.40	111.40	197.65	384.77	345.39	135.66	266.31	234.77 PHASE
532	-7.53	11.82	608	7.67	2.28	1.01	1.74	1.28	.25	.32	.85 AMP
				2.85	111.27	197.03	294.81	346.63	36.85	327.25	226.74 PHASE
533	2.84	6.24	610	2.99	2.42	.37	1.19	1.07	.66	.20	.36 AMP
				385.28	114.94	22.23	318.03	28.04	133.44	358.76	163.65 PHASE
534	.94	6.48	611	2.89	2.11	.25	1.12	.97	.62	.49	.40 AMP
				321.40	112.34	5.71	292.26	12.48	149.41	349.20	163.63 PHASE
535	-9.00	6.74	610	3.13	1.81	.07	1.07	1.15	.63	.59	.38 AMP
				338.38	116.08	337.10	287.36	15.92	151.49	327.44	148.06 PHASE
536	-3.14	7.22	610	3.73	1.72	.17	1.22	.99	.64	.79	.28 AMP
				.40	128.32	386.10	383.10	44.11	173.00	347.09	287.40 PHASE
537	-4.79	7.43	610	4.33	1.39	.24	1.15	1.15	.65	.71	.28 AMP
				3.98	128.96	229.89	285.32	29.15	158.00	312.83	145.99 PHASE
538	-6.93	8.00	610	5.53	1.46	.57	1.24	1.25	.76	.76	.45 AMP
				14.90	132.50	223.67	292.49	58.81	166.86	332.88	165.81 PHASE
539	-9.00	10.33	610	7.10	1.76	1.00	1.38	1.52	.52	.83	.63 AMP
				16.76	121.25	288.50	288.19	37.84	143.14	336.78	152.65 PHASE
540	-18.20	11.50	610	8.22	1.90	1.04	1.29	1.71	.38	.96	.65 AMP
				15.15	189.34	194.90	271.66	25.44	118.63	338.51	129.42 PHASE
541	-12.17	14.40	610	10.44	2.38	1.04	1.29	1.88	.15	1.42	.47 AMP
				18.50	87.45	196.82	275.76	18.10	284.94	312.17	158.62 PHASE
570	1.87	5.00	612	2.54	1.68	.27	.88	.84	.42	.28	.30 AMP
				387.41	183.31	14.32	383.61	.00	128.91	323.55	117.11 PHASE
571	.89	5.24	611	2.53	1.37	.07	.87	.96	.51	.25	.28 AMP
				338.10	189.74	358.63	293.04	4.21	154.89	316.72	126.56 PHASE
572	-1.80	5.89	611	2.85	1.17	.06	.96	.97	.47	.95	.23 AMP
				347.71	117.89	241.96	283.56	.33	139.92	384.79	114.73 PHASE
573	-3.55	5.62	610	3.38	.95	.17	.98	.99	.49	.40	.17 AMP
				3.04	133.91	232.03	291.88	14.09	158.66	311.80	124.89 PHASE
574	-5.70	6.63	608	4.34	.90	.33	1.03	1.03	.60	.60	.22 AMP
				12.58	144.39	217.41	285.96	13.47	161.36	295.95	181.57 PHASE
575	-7.89	8.42	611	5.54	.97	.65	1.06	1.06	.71	.77	.25 AMP
				17.50	148.35	218.42	278.18	15.09	158.07	276.29	42.38 PHASE
576	-9.75	10.30	611	6.91	1.17	.97	1.03	1.32	.74	.91	.34 AMP
				19.77	144.35	287.89	271.78	17.98	146.74	267.54	357.92 PHASE
577	-12.85	13.52	610	18.41	1.33	.71	.46	1.20	.39	1.33	.65 AMP
				13.75	89.78	222.02	385.53	14.41	228.34	288.67	383.49 PHASE



TABLE VIII.- Continued

(c) Continued

FLAPWISE 77 PERCENT RADIUS												
RUN NO 18												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
619	-8.57	34.85	618	28.63	12.68	4.35	6.47	4.64	1.71	2.65	3.74	AMP
				129.34	315.57	357.77	155.18	263.39	297.24	219.84	67.35	PHASE
528	-5.66	34.88	618	21.29	12.42	4.53	5.83	4.88	1.38	2.78	2.71	AMP
				134.83	318.47	1.15	162.73	276.52	385.88	232.98	96.87	PHASE
521	-2.87	34.84	618	21.98	12.18	4.47	5.28	4.63	1.18	2.95	2.46	AMP
				136.84	313.39	352.43	156.28	266.79	273.83	215.42	96.16	PHASE
522	.23	34.56	611	22.76	11.63	4.81	4.47	4.57	1.19	2.78	1.87	AMP
				148.66	316.98	359.84	159.48	272.38	277.88	231.72	148.44	PHASE
523	3.82	36.31	618	23.72	11.21	4.87	3.57	4.86	1.38	2.38	2.88	AMP
				148.38	389.92	353.14	143.85	253.28	278.93	217.64	156.96	PHASE
524	6.93	38.96	689	25.27	11.84	4.18	3.25	3.57	1.36	2.15	4.93	AMP
				142.88	311.65	355.48	139.56	253.26	279.32	214.33	159.24	PHASE
525	8.44	39.35	618	25.61	18.79	4.86	3.88	3.48	1.48	2.22	5.95	AMP
				143.17	318.97	358.69	134.68	258.92	284.34	213.69	163.24	PHASE
526	-11.34	35.41	618	21.29	14.48	4.32	5.12	4.84	1.16	2.24	1.47	AMP
				138.81	316.88	7.39	172.83	265.79	338.18	258.83	149.48	PHASE
527	-8.15	36.82	618	21.56	14.17	4.84	4.29	4.87	0.86	2.58	2.78	AMP
				135.61	315.59	17.45	188.94	258.49	315.82	254.99	154.38	PHASE
528	-4.91	36.83	618	22.11	13.57	4.83	3.67	3.82	0.33	2.24	2.57	AMP
				148.32	317.84	28.48	185.68	255.79	312.86	269.73	172.31	PHASE
529	-1.71	36.92	618	23.88	13.88	4.18	3.32	3.32	0.39	1.92	2.82	AMP
				142.36	317.11	29.99	181.85	247.77	382.14	272.49	173.84	PHASE
538	1.82	39.86	618	24.18	12.88	3.98	2.66	3.22	0.53	1.68	3.76	AMP
				142.98	311.88	23.98	172.34	224.34	383.78	268.36	155.62	PHASE
531	5.48	48.24	689	25.83	12.25	3.36	1.72	2.67	0.73	0.73	3.92	AMP
				148.34	316.56	23.57	168.84	199.38	69.24	226.59	171.81	PHASE
532	6.49	39.87	688	26.17	11.83	3.49	2.85	1.81	0.77	1.16	4.26	AMP
				145.63	315.97	21.82	149.32	242.61	3.91	237.48	167.48	PHASE
633	-5.72	29.17	618	19.14	18.69	3.78	4.48	5.19	0.75	1.44	3.88	AMP
				138.37	328.78	352.66	168.87	275.18	281.91	212.85	79.12	PHASE
534	-3.28	31.48	611	19.82	18.88	4.54	4.43	4.86	0.54	1.41	2.68	AMP
				131.66	314.77	344.57	142.69	265.18	252.55	196.28	64.18	PHASE
535	-.46	32.98	618	28.58	11.82	5.24	4.24	4.81	0.73	1.49	2.79	AMP
				134.42	314.46	348.35	138.88	268.59	225.27	184.88	61.35	PHASE
536	2.68	34.27	618	21.58	11.68	5.28	3.77	4.75	0.88	1.56	2.39	AMP
				143.79	322.88	8.88	151.58	283.82	293.36	223.66	118.68	PHASE
537	5.72	34.46	618	22.86	11.25	5.61	2.99	4.83	0.26	1.36	2.31	AMP
				141.86	318.35	348.51	133.53	262.34	292.29	187.27	75.56	PHASE
538	8.93	35.98	618	23.15	11.44	5.36	2.25	4.84	0.46	1.39	2.54	AMP
				147.62	322.22	355.78	127.97	283.84	7.73	288.66	188.71	PHASE
539	11.96	37.68	618	24.37	11.55	5.83	1.93	5.26	0.88	1.43	2.81	AMP
				147.79	318.88	345.86	181.16	279.86	12.86	172.81	185.78	PHASE
548	13.45	37.68	618	24.92	11.91	4.98	1.82	5.49	1.86	1.43	2.31	AMP
				147.14	317.48	337.96	77.69	274.34	7.28	157.87	88.79	PHASE
541	14.98	38.73	618	25.46	12.49	4.68	2.29	5.41	0.97	2.84	2.88	AMP
				147.28	315.32	329.91	52.87	277.13	12.27	163.82	96.77	PHASE
578	-2.86	25.34	612	17.65	8.26	3.51	2.88	3.98	0.15	0.87	1.27	AMP
				131.16	322.78	337.17	155.34	244.47	73.28	187.74	28.58	PHASE
571	-.38	26.82	611	18.28	8.52	4.31	3.81	3.88	0.36	0.87	1.45	AMP
				135.22	323.32	341.74	147.32	246.31	126.12	183.96	33.58	PHASE
572	2.42	28.19	611	18.89	9.82	4.89	2.88	3.99	0.25	0.69	1.19	AMP
				137.68	321.74	342.81	136.81	231.15	115.18	168.78	38.87	PHASE
573	5.25	29.65	618	19.58	9.26	5.22	2.69	4.85	0.28	0.66	0.97	AMP
				143.47	329.26	352.88	145.35	241.78	181.12	183.81	49.41	PHASE
574	8.74	31.68	688	28.67	9.88	5.66	2.49	4.28	0.36	0.74	1.26	AMP
				146.88	327.14	351.17	133.53	248.34	49.78	155.94	34.84	PHASE
575	12.22	33.44	611	21.97	18.48	6.88	2.22	4.28	0.55	0.83	1.85	AMP
				147.44	324.36	348.77	118.23	236.15	34.61	148.83	355.91	PHASE
576	15.83	35.51	611	23.36	18.95	5.88	2.86	4.48	0.74	0.94	1.83	AMP
				148.24	321.28	344.72	98.63	236.93	16.66	138.84	386.99	PHASE
577	17.98	37.66	618	24.88	12.44	4.58	1.62	3.81	0.78	0.69	1.14	AMP
				149.85	314.45	338.53	59.26	234.32	3.69	183.58	248.82	PHASE

TABLE VIII.- Continued

(c) Continued

CHORDWISE 77 PERCENT RADIUS												
RUN NO 18												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
519	-9.25	22.89	61#	5.75	4.85	2.78	2.7#	2.66	6.44	-4.1	1.86	AMP
				152.88	315.18	2.81	117.93	256.37	241.62	19.42	78.37	PHASE
52#	-8.82	19.78	61#	5.82	3.39	3.27	2.57	3.87	2.88	2.15	1.45	AMP
				164.45	317.88	354.29	118.18	259.27	294.92	44.14	116.59	PHASE
521	-7.82	16.82	61#	3.73	2.64	3.48	2.55	4.25	2.24	3.49	1.89	AMP
				179.17	313.58	337.81	76.88	258.85	19.38	54.18	186.48	PHASE
522	-6.48	18.87	611	2.57	1.93	4.88	3.63	4.39	.88	3.46	1.41	AMP
				216.41	321.96	339.56	72.47	273.86	335.89	92.47	97.28	PHASE
523	-4.82	28.68	61#	2.82	1.56	4.82	4.54	3.87	2.75	1.27	1.48	AMP
				273.59	325.18	325.83	55.52	266.84	315.59	61.68	88.89	PHASE
524	-3.84	27.89	689	4.73	3.68	5.72	5.87	3.69	5.97	2.75	1.17	AMP
				385.88	339.27	318.14	49.31	286.46	327.31	388.26	85.85	PHASE
525	-3.28	31.93	61#	5.92	1.63	6.14	5.36	3.36	7.18	3.38	7.5	AMP
				389.85	345.63	313.58	41.38	388.47	343.88	318.29	69.18	PHASE
526	-9.89	19.63	61#	6.28	4.79	2.12	2.19	2.82	4.57	1.85	.61	AMP
				157.28	318.11	3.63	128.77	256.66	262.63	59.17	149.82	PHASE
527	-9.76	24.37	61#	5.19	3.96	2.88	2.41	3.61	7.47	.78	1.31	AMP
				176.68	314.71	354.67	117.19	261.29	282.45	45.84	127.15	PHASE
528	-8.62	18.92	61#	3.92	2.92	3.24	2.77	4.85	4.34	2.28	1.32	AMP
				195.54	315.68	5.91	186.14	268.32	358.18	86.88	166.42	PHASE
529	-7.13	19.18	61#	2.83	2.28	3.55	3.38	4.15	2.95	3.25	1.44	AMP
				223.81	315.84	4.22	97.85	274.35	353.39	113.38	152.48	PHASE
53#	-6.83	22.75	61#	2.82	1.55	4.85	3.83	3.57	3.91	1.82	1.34	AMP
				277.61	323.49	352.68	82.59	276.68	326.22	189.62	122.51	PHASE
531	-5.69	38.77	689	5.56	1.64	5.18	3.92	2.57	6.35	4.17	2.45	AMP
				338.13	11.83	351.11	78.58	342.96	349.75	316.28	186.82	PHASE
532	-4.98	29.69	688	6.28	1.96	5.83	4.11	3.32	6.67	2.33	1.88	AMP
				313.87	358.66	341.18	64.18	328.86	344.82	287.82	182.78	PHASE
533	-9.11	17.84	61#	5.28	3.49	2.73	1.92	1.65	3.32	1.98	.65	AMP
				147.86	324.27	354.53	189.22	254.96	388.49	98.97	77.46	PHASE
534	-18.86	16.54	611	4.15	2.83	3.42	2.15	2.89	3.36	2.58	.48	AMP
				155.88	328.39	336.58	73.32	261.44	24.24	58.79	79.52	PHASE
535	-9.32	15.46	61#	2.77	2.42	3.89	3.84	2.69	1.25	2.68	1.81	AMP
				168.43	321.57	327.77	58.54	251.37	71.47	65.61	44.17	PHASE
536	-7.75	18.17	61#	.88	2.28	4.61	4.15	2.14	4.78	1.68	.98	AMP
				215.43	338.89	338.45	71.78	383.78	327.82	326.31	131.88	PHASE
537	-5.91	18.93	61#	2.18	2.17	5.27	4.45	2.73	3.65	.25	1.79	AMP
				278.47	328.68	328.46	58.33	276.32	279.86	192.92	86.67	PHASE
538	-5.82	28.98	61#	4.72	2.49	6.29	4.95	3.21	5.48	1.65	1.58	AMP
				311.95	335.57	321.62	57.84	298.42	318.88	387.89	127.22	PHASE
539	-3.95	27.87	61#	7.45	2.85	7.23	5.37	4.19	6.87	3.37	1.18	AMP
				318.57	335.66	387.29	38.66	298.41	333.81	388.24	123.72	PHASE
54#	-2.52	38.28	61#	7.84	2.35	7.92	5.21	5.41	7.33	3.52	.96	AMP
				319.92	328.63	292.84	18.86	294.14	334.88	381.72	122.86	PHASE
541	-4.41	28.84	61#	7.19	1.18	9.27	4.68	6.23	6.33	3.55	.32	AMP
				338.81	215.72	268.37	358.68	277.83	348.91	329.82	133.58	PHASE
57#	-8.68	14.91	612	5.81	2.67	2.49	1.75	1.28	2.88	1.55	.38	AMP
				141.44	328.18	348.38	82.15	242.92	389.85	83.35	63.42	PHASE
571	-9.53	13.11	611	3.67	2.27	2.92	2.38	1.72	2.95	2.15	.69	AMP
				148.25	324.42	334.78	58.76	258.63	66.77	79.82	52.95	PHASE
572	-9.36	12.19	611	2.81	2.18	3.39	3.13	1.49	.58	1.21	1.87	AMP
				149.85	325.89	324.11	51.12	262.64	348.83	117.16	85.18	PHASE
573	-8.16	13.31	61#	.51	2.26	3.92	3.66	1.53	1.61	.88	1.85	AMP
				191.17	333.12	326.88	59.62	278.18	389.36	178.16	111.48	PHASE
574	-6.38	16.88	688	2.24	2.65	4.88	4.44	2.88	3.72	1.49	.97	AMP
				321.79	333.77	316.82	58.36	268.97	319.82	266.84	117.68	PHASE
575	-4.88	21.86	611	5.29	3.21	5.83	5.26	2.64	3.79	.73	1.15	AMP
				321.93	329.32	386.68	39.89	249.92	385.87	262.45	112.21	PHASE
576	-3.78	23.84	611	8.81	3.87	6.79	5.64	3.88	3.83	1.24	.84	AMP
				324.54	323.87	296.88	25.75	238.88	331.15	347.98	88.33	PHASE
577	-.84	25.18	61#	8.18	2.66	9.11	4.47	6.76	4.14	2.15	1.47	AMP
				358.85	239.78	257.56	339.63	238.99	6.23	67.86	39.24	PHASE



TABLE VIII.- Continued

(c) Continued

TORSION 75 PERCENT RADIUS											
RUN NO 18											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
519	1.88	7.27	618	3.32	2.78	.16	1.29	1.87	.51	.76	.47
				289.28	112.63	268.29	327.99	349.98	148.39	48.84	258.65
528	-7.74	6.58	618	3.83	2.49	.24	1.23	.99	.58	.49	AMP
				387.53	121.65	299.77	334.72	359.34	163.18	34.12	382.88
521	-2.39	6.52	618	2.87	2.22	.26	1.14	.89	.52	.73	.48
				318.45	128.82	294.72	329.86	349.31	155.47	9.89	299.57
522	-4.12	6.16	611	2.98	1.95	.28	1.85	.84	.48	.75	.58
				337.12	133.24	289.18	326.32	355.55	171.34	17.97	335.78
523	-6.84	6.35	618	3.38	1.71	.28	.97	.79	.23	.75	.67
				351.87	137.61	252.88	384.35	334.75	118.88	356.47	322.78
524	-7.78	7.33	689	4.84	1.58	.26	1.84	.81	.15	.81	.85
				3.27	158.75	268.85	295.99	326.52	12.23	352.78	311.94
525	-8.47	7.33	618	4.41	1.54	.22	1.89	.81	.28	.78	.93
				6.36	152.83	243.22	298.42	322.81	7.65	358.92	389.64
526	1.79	7.63	618	3.72	3.27	.22	1.86	.97	.58	.57	.54
				289.79	115.46	292.82	343.74	8.48	169.84	71.54	313.22
527	-2.25	7.88	618	3.27	2.93	.47	.98	.84	.29	.49	.67
				387.56	128.27	318.98	345.18	5.17	164.56	54.72	318.89
528	-2.13	6.88	618	3.12	2.52	.54	.87	.74	.23	.58	.62
				323.99	127.16	386.36	346.26	359.38	281.86	42.19	337.91
529	-3.85	6.22	618	3.25	2.28	.55	.82	.76	.16	.66	.48
				336.25	134.58	382.55	335.77	345.82	245.52	37.89	351.38
538	-5.71	5.76	618	3.58	1.91	.55	.88	.85	.12	.67	.44
				349.58	139.82	298.58	316.68	328.57	334.36	38.71	318.39
531	-7.53	6.93	689	4.26	1.65	.46	.79	.86	.85	.88	.85
				5.88	155.78	295.43	385.71	318.88	48.57	81.58	291.28
532	-7.84	6.67	688	4.31	1.69	.42	.83	.78	.18	.32	.51
				3.18	158.15	284.88	382.68	323.37	6.52	41.63	293.25
533	.37	5.57	618	2.91	2.41	.12	1.89	.77	.55	.45	.33
				286.38	114.38	26.98	333.61	6.51	152.79	57.33	254.22
534	-1.35	5.38	611	2.48	2.13	.86	1.85	.63	.55	.52	.34
				381.88	114.47	323.87	317.26	345.22	146.88	28.66	235.63
535	-2.97	5.11	618	2.38	1.89	.86	.99	.66	.56	.53	.34
				328.77	121.78	179.75	314.51	342.23	138.63	1.78	235.43
536	-4.94	5.76	618	2.69	1.77	.13	.94	.65	.55	.51	.39
				351.48	141.27	238.11	322.88	7.93	158.17	38.22	387.13
537	-6.32	5.89	618	3.86	1.63	.22	.83	.69	.53	.46	.27
				359.81	147.41	177.66	382.81	357.89	134.55	.41	263.88
538	-8.89	7.86	618	3.93	1.69	.36	.88	.64	.59	.48	.26
				14.78	162.25	182.79	383.35	23.86	147.88	13.32	288.58
539	-9.65	7.26	618	4.95	1.79	.46	.75	.69	.58	.59	.16
				28.56	166.22	168.18	286.92	23.53	123.93	.43	225.98
548	-18.55	7.85	618	5.65	1.72	.46	.48	.68	.45	.75	.89
				19.75	166.82	122.35	276.17	18.72	183.34	346.99	151.27
541	-11.99	8.84	618	6.92	.97	.95	.28	.63	.87	1.16	.17
				13.19	168.64	71.28	272.27	12.92	66.88	328.41	254.73
578	-4.88	4.34	612	2.35	1.69	.18	.79	.61	.34	.25	.18
				284.83	189.98	28.32	318.71	348.59	141.39	18.58	152.88
571	-2.89	3.99	611	1.95	1.41	.83	.81	.68	.39	.24	.14
				387.66	121.13	194.24	314.85	343.67	148.64	354.65	186.25
572	-3.81	4.87	611	1.96	1.29	.12	.76	.65	.36	.24	.89
				332.31	134.94	182.38	381.61	339.47	132.85	341.29	198.41
573	-5.37	4.71	618	2.29	1.23	.28	.74	.68	.36	.28	.82
				355.85	156.86	188.28	386.38	354.72	145.77	349.36	239.85
574	-7.23	5.24	688	3.89	1.36	.33	.74	.65	.42	.27	.83
				11.25	169.32	178.88	295.14	353.92	137.59	318.75	146.68
575	-9.13	6.47	611	4.12	1.68	.54	.73	.66	.47	.37	.11
				19.58	174.18	172.83	281.48	353.42	129.88	288.74	13.58
576	-18.67	7.26	611	5.27	1.92	.57	.63	.68	.48	.48	.17
				24.12	175.25	162.81	267.86	356.91	111.91	269.82	347.19
577	-12.94	8.63	618	7.31	1.13	.87	.19	.63	.82	.93	.51
				16.66	188.81	67.62	328.63	6.94	118.26	287.39	318.18

TABLE VIII.- Continued

(c) Concluded

PITCH LINK											
RUN NO		18									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
519	-3.78	18.49	61#	4.2#	2.19	1.81	2.63	1.6#	.25	.61	.77
				158.49	319.46	286.97	127.52	289.35	234.97	72.55	274.51
				4.4#	1.7#	.92	2.28	1.58	.48	.88	.61
52#	-1.88	9.46	61#	4.4#	322.31	284.51	138.79	213.81	355.18	97.9#	296.64
				171.15	1.5#	.98	2.89	1.77	.87	.9#	.49
521	-.#6	18.48	61#	4.4#	184.19	312.13	187.86	115.51	289.53	17.16	284.12
				5.63	1.44	.74	2.26	1.66	.76	.98	.39
522	1.93	12.15	611	195.12	314.95	187.22	128.41	222.23	57.98	113.45	18.72
				7.65	1.71	.52	2.37	1.47	.55	.92	.97
523	4.44	14.53	61#	195.29	382.86	134.25	185.83	192.29	63.31	185.82	18.31
				18.21	2.87	.88	2.55	1.48	.73	.97	.74
524	6.85	17.87	6#9	196.92	381.89	97.38	187.47	161.7#	111.51	116.76	7.25
				11.33	2.36	1.87	2.56	1.77	.83	1.83	2.19
525	8.84	19.3#	61#	198.86	295.1#	79.45	183.9#	168.8#	127.33	118.96	12.57
				3.18	1.99	.82	1.77	1.84	.13	.82	.57
526	-4.54	8.17	61#	163.99	313.12	238.44	148.83	218.66	258.46	78.81	26.58
				4.19	1.88	.64	1.65	1.31	.89	1.24	.82
527	-2.54	9.7#	61#	179.47	315.9#	286.23	151.1#	211.88	129.7#	96.31	9.22
				5.63	2.85	.47	1.41	1.27	.8#	1.83	.73
528	-.45	18.72	61#	187.57	318.17	217.49	149.29	199.91	85.11	128.97	17.84
				7.17	2.17	.17	1.49	1.26	.65	.66	1.15
529	1.76	12.63	61#	192.81	322.12	195.78	141.31	186.2#	122.51	138.81	9.91
				9.38	2.62	.35	1.62	1.7#	.67	.61	1.64
53#	4.44	15.72	61#	193.64	316.83	98.21	124.83	159.76	135.22	138.8#	353.44
				13.89	3.62	.67	1.93	2.2#	.26	1.17	1.94
531	8.8#	21.68	6#9	197.72	316.5#	79.8#	132.47	153.66	15.8#	95.73	18.74
				13.19	3.1#	.94	1.98	2.2#	.32	.97	1.87
532	8.2#	28.73	6#8	198.31	312.1#	58.87	118.89	154.88	148.92	98.81	15.14
				2.39	1.32	1.85	1.68	1.52	.51	.57	.68
533	-1.96	6.84	61#	157.7#	384.93	185.85	131.2#	218.12	298.75	71.58	275.25
				3.82	1.16	.97	1.68	1.54	.43	.39	.58
534	-.36	6.96	611	173.43	382.24	175.45	182.87	288.58	348.26	78.52	273.17
				3.95	1.81	.81	1.74	2.82	.68	.54	.68
535	1.27	8.1#	61#	185.46	387.47	155.59	98.82	287.98	357.36	83.83	269.18
				5.33	1.12	.87	1.95	1.73	.52	.88	.69
536	3.22	18.13	61#	193.57	311.34	163.32	121.66	236.56	29.76	131.97	331.91
				6.54	.8#	.59	1.92	1.9#	.69	.92	.71
537	4.83	11.71	61#	282.82	338.41	121.51	182.9#	216.43	11.51	89.59	279.44
				8.67	1.84	.99	1.96	1.91	.79	.91	1.84
538	6.98	14.65	61#	288.19	323.83	84.99	116.59	234.85	31.83	118.37	318.82
				11.58	1.58	1.69	1.86	1.88	.62	.88	1.24
539	9.19	17.67	61#	285.97	382.51	64.92	188.91	222.7#	51.19	135.72	384.23
				13.24	1.84	2.12	1.76	1.98	.49	.98	1.85
54#	18.46	19.62	61#	285.67	286.61	54.88	181.59	286.54	85.1#	135.38	285.87
				16.83	2.68	2.98	1.78	1.93	1.12	1.39	.78
541	12.62	25.81	61#	288.99	263.66	58.82	182.93	198.8#	85.28	117.36	382.89
				1.5#	.72	1.15	1.19	1.3#	.22	.48	.24
57#	-.46	4.65	612	164.35	382.46	163.59	128.81	182.52	295.9#	56.24	242.85
				2.17	.55	.98	1.25	1.62	.52	.46	.34
571	.99	5.61	611	185.62	322.67	168.73	185.82	187.75	341.15	68.89	242.78
				3.17	.48	.87	1.49	1.64	.46	.44	.29
572	2.64	6.96	611	197.76	335.74	158.24	182.89	184.91	342.51	64.65	244.26
				4.47	.43	.79	1.53	1.65	.48	.49	.24
573	4.22	7.98	61#	287.32	12.42	141.19	111.84	195.82	7.53	85.53	264.35
				6.86	.45	.93	1.56	1.68	.65	.66	.33
574	6.11	11.12	6#8	211.73	26.97	189.65	189.36	192.94	14.6#	93.88	239.89
				8.16	4.8#	1.34	1.55	1.63	.88	.71	.35
575	8.19	12.86	611	212.54	13.91	77.42	183.6#	198.22	2.69	81.88	192.2#
				18.83	4.45	2.17	1.63	1.95	.89	.71	.53
576	18.85	16.6#	611	289.54	387.54	55.47	98.37	189.42	347.53	85.51	137.67
				16.57	1.33	3.85	.91	1.39	.94	1.58	.92
577	12.99	23.59	61#	282.24	226.47	53.87	185.58	173.88	41.4#	185.68	87.47



TABLE VIII.- Continued

(d) $\mu = 0.30$; $M_T = 0.68$

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CQ/SIGMA
578	-0.8	3.8	8.1	.02684	-.00318	.00275
579	-1.1	4.7	10.0	.03896	-.00534	.00365
580	-1.6	5.9	12.2	.05236	-.00810	.00477
581	-1.9	6.6	14.0	.06684	-.01054	.00588
582	-2.9	7.9	16.1	.07859	-.01334	.00730
583	-3.7	8.7	18.1	.09155	-.01597	.00878
584	-.6	3.6	6.2	.03156	-.00134	.00228
585	-1.2	4.6	8.2	.04445	-.00295	.00290
586	-1.3	5.5	10.0	.05770	-.00436	.00354
587	-2.2	6.8	12.3	.07272	-.00640	.00465
588	-2.9	7.6	14.0	.08368	-.00777	.00553
589	-3.7	8.9	16.1	.09583	-.00988	.00690
590	-3.9	9.3	17.1	.10219	-.01043	.00774
591	-.4	3.4	4.3	.03686	.00108	.00157
592	-.8	4.3	6.3	.05210	.00101	.00185
593	-1.8	5.3	8.1	.06299	.00037	.00239
594	-2.3	6.3	10.0	.07618	-.00015	.00299
595	-2.5	7.3	12.2	.08983	-.00031	.00377
596	-3.3	8.5	14.1	.10243	-.00132	.00497

TABLE VIII.- Continued

(d) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO 18											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
578	45.71	14.21	641	6.99	3.98	4.29	2.26	4.52	1.28	1.18	1.24
				152.96	341.87	19.72	323.68	56.38	298.75	211.15	4.71
579	47.23	15.42	648	7.18	4.31	4.42	2.52	4.58	1.45	1.16	1.88
				158.69	348.78	21.28	327.46	59.56	385.12	216.57	18.43
580	49.18	15.89	648	7.89	4.58	4.34	2.43	4.53	1.48	1.13	1.12
				144.19	351.84	14.43	323.48	54.88	383.87	286.24	6.78
581	51.18	17.89	641	6.75	4.89	4.17	2.58	4.64	1.34	1.17	1.28
				137.17	357.41	8.26	314.82	59.18	381.96	199.35	352.16
582	52.88	16.98	639	6.54	5.24	3.91	2.49	4.65	1.21	1.82	1.18
				118.92	358.71	341.56	287.78	33.73	262.62	165.48	389.21
583	54.62	18.86	648	6.59	5.92	3.46	2.54	4.76	1.28	1.14	1.48
				188.88	355.93	327.43	277.13	48.76	251.17	155.77	385.12
584	44.83	18.13	639	7.99	5.84	5.78	3.28	5.92	2.84	2.26	2.88
				152.82	329.73	31.72	321.55	73.59	319.23	223.88	2.88
585	46.58	17.82	648	7.65	4.83	5.58	3.32	5.99	2.88	2.83	2.13
				148.34	332.63	27.67	313.78	72.31	312.82	222.85	37.78
586	48.26	17.25	648	7.63	4.83	5.72	3.89	5.68	2.87	2.17	1.84
				146.18	335.92	24.36	388.35	72.17	389.95	218.18	37.55
587	58.22	17.25	648	7.85	4.93	4.99	2.89	5.57	1.87	2.18	2.84
				148.45	344.98	22.88	299.75	81.68	311.88	228.95	42.18
588	51.69	17.37	648	6.57	5.85	4.78	2.73	5.61	1.78	2.13	2.86
				138.22	347.64	11.19	287.73	73.48	296.11	287.86	38.76
589	53.38	17.36	648	6.38	5.47	4.16	2.72	5.94	1.46	2.87	2.26
				189.94	348.44	345.65	258.49	68.15	264.33	169.93	355.77
590	54.11	18.67	648	6.48	6.84	4.88	2.92	6.19	1.35	2.43	2.88
				95.18	353.53	336.46	251.64	69.34	254.48	164.83	359.41
591	44.32	22.23	641	9.83	6.41	7.18	4.49	5.91	2.78	3.88	2.89
				148.73	314.81	42.84	324.83	63.85	297.51	289.27	29.58
592	45.93	28.99	648	8.58	5.93	6.53	4.19	5.91	2.58	2.95	1.96
				158.68	321.58	47.24	332.62	73.52	387.11	232.52	57.63
593	47.41	19.78	639	8.36	5.59	6.58	3.59	5.79	2.52	2.61	1.33
				149.92	338.83	53.44	344.51	86.71	326.56	256.76	98.46
594	49.82	18.89	648	7.85	5.36	5.33	3.99	5.24	2.12	2.31	1.91
				143.79	332.73	44.83	336.15	78.54	318.53	258.62	115.77
595	58.44	19.83	648	7.39	5.27	5.73	2.89	4.18	2.89	2.18	1.71
				132.81	336.33	38.87	319.96	65.52	288.52	231.17	151.84
596	51.79	28.96	639	7.88	5.54	4.91	2.88	2.98	1.77	2.45	2.65
				128.96	353.86	29.44	318.11	87.89	288.81	246.71	182.29

CHORDWISE 25 PERCENT RADIUS											
RUN NO 18											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
578	62.48	25.16	641	18.41	5.57	6.28	4.87	2.79	3.68	1.81	.74
				299.73	134.14	242.26	26.35	326.34	345.16	38.85	96.96
579	63.25	35.21	648	19.82	7.93	7.95	6.18	3.75	1.95	1.84	.69
				328.34	149.48	235.96	36.58	352.28	73.85	65.33	122.21
580	64.84	54.53	648	38.64	9.35	14.69	7.75	2.49	2.56	1.13	.74
				339.98	156.26	232.56	37.82	336.32	287.35	68.91	131.46
581	64.29	78.94	641	45.93	18.88	19.84	9.82	2.35	5.55	.88	.74
				349.37	162.84	235.13	36.16	388.65	248.79	59.48	143.86
582	64.25	95.18	639	68.81	18.66	25.89	9.22	3.51	6.26	1.29	.76
				345.43	167.25	228.55	13.78	235.58	234.28	19.89	124.78
583	64.18	115.88	648	79.83	18.54	28.97	9.98	4.92	5.86	2.19	.82
				349.79	186.16	224.81	8.25	227.16	268.42	21.51	126.55
584	68.15	38.99	639	13.87	8.43	8.35	3.56	2.35	2.64	2.56	1.81
				298.15	121.44	253.56	32.43	2.84	333.33	43.28	181.58
585	68.88	39.37	648	21.83	11.82	18.61	5.32	3.64	.77	2.76	1.83
				311.83	133.71	248.75	18.87	341.39	15.84	46.89	131.83
586	68.41	55.98	648	32.19	13.61	14.77	7.29	3.86	3.91	1.49	.98
				327.29	138.65	237.51	29.24	348.38	186.86	58.59	126.85
587	59.88	72.34	648	45.26	14.12	19.93	7.86	4.14	6.56	4.9	.99
				336.49	149.35	242.84	35.55	331.68	242.21	52.96	143.31
588	58.96	86.25	648	56.71	13.71	23.65	8.25	5.48	7.54	.28	.84
				339.77	152.22	239.97	38.91	321.38	255.81	383.89	161.54
589	58.48	182.94	648	72.77	11.69	27.68	8.97	6.62	6.88	1.83	.65
				348.82	154.42	238.63	7.89	294.36	252.95	259.96	162.29
590	58.56	117.51	648	85.15	11.91	38.51	8.42	8.15	8.17	1.55	.38
				347.17	161.29	233.81	359.51	284.55	287.53	387.65	177.97
591	59.85	36.66	641	18.48	9.41	8.66	2.44	4.21	2.47	2.56	1.81
				281.22	127.88	256.47	58.77	284.75	288.75	35.98	93.82
592	57.58	48.35	648	25.85	13.51	11.28	4.14	6.58	3.16	2.61	1.86
				385.58	148.63	253.78	31.88	298.85	382.93	39.46	117.56
593	56.38	56.38	639	32.28	15.16	13.58	5.27	6.54	2.27	2.62	.45
				317.41	153.92	268.89	53.83	318.99	321.11	78.13	131.19
594	55.81	69.83	648	43.38	16.87	17.14	6.61	6.33	4.66	2.18	.58
				327.56	151.14	253.93	51.28	384.32	389.86	31.61	199.63
595	52.92	79.49	648	58.14	16.37	21.46	7.51	6.18	6.16	3.27	.98
				335.85	148.88	249.47	35.43	383.72	384.19	319.29	257.53
596	52.87	181.36	639	72.89	16.81	25.21	8.14	5.37	8.48	6.87	.85
				347.78	168.23	261.62	37.31	329.21	348.38	344.49	354.82

TABLE VIII.- Continued

(d) Continued

TORSION 28 PERCENT RADIUS											
RUN NO 18											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
578	-.86	6.81	641	2.76	1.27	.46	1.24	1.19	.65	.54	.18 AMP
579	-2.72	6.32	648	317.68	182.86	331.72	284.89	358.76	132.24	287.51	78.43 PHASE
580	-4.96	6.61	648	2.96	1.87	.41	1.44	1.16	.54	.49	.09 AMP
581	-7.34	8.11	641	338.11	114.45	388.58	284.84	9.22	151.82	295.87	71.66 PHASE
582	-9.51	9.25	639	3.65	.84	.57	1.53	1.15	.52	.65	.15 AMP
583	-11.98	12.53	648	354.92	121.49	283.17	282.71	13.81	153.46	281.61	32.66 PHASE
584	.26	7.36	639	4.82	.83	.85	1.62	1.18	.72	.97	.24 AMP
585	-1.82	7.97	648	7.71	126.15	273.54	283.71	23.76	162.61	266.32	355.93 PHASE
586	-4.88	8.48	648	5.98	.76	1.18	1.57	1.85	.85	1.89	.25 AMP
587	-6.65	9.28	648	9.39	123.21	248.62	268.88	1.84	139.55	234.72	325.89 PHASE
588	-8.81	11.36	648	7.97	1.87	1.77	1.58	1.24	.98	1.32	.44 AMP
589	-11.43	14.14	648	14.78	116.36	244.89	264.48	11.88	148.74	248.42	318.19 PHASE
590	-13.41	17.36	648	3.29	2.89	.38	1.78	1.35	.62	.75	.32 AMP
591	1.16	8.78	641	316.94	118.38	355.37	291.71	3.58	138.66	389.67	91.97 PHASE
592	-1.28	8.83	648	3.52	1.78	.25	1.78	1.55	.77	.86	.28 AMP
593	-3.21	9.37	639	334.54	111.47	319.58	286.44	16.28	145.78	385.49	99.79 PHASE
594	-5.79	18.43	648	4.21	1.54	.33	1.95	1.51	.58	.32	.19 AMP
595	-8.85	13.32	648	349.31	113.42	279.17	282.97	38.33	156.87	291.58	45.95 PHASE
596	-12.27	16.77	639	5.43	1.43	.72	1.91	1.54	.74	1.14	.26 AMP
				2.87	118.63	266.78	286.92	48.79	162.65	288.89	59.44 PHASE
				6.81	1.61	1.28	1.86	1.53	.72	1.28	.38 AMP
				8.74	118.89	259.53	284.38	44.76	158.87	277.68	69.94 PHASE
				9.86	2.15	1.81	1.78	1.62	.31	1.15	.51 AMP
				18.48	189.79	245.17	278.26	19.95	128.39	266.81	39.95 PHASE
				11.59	2.98	2.24	1.78	1.74	.36	1.58	.43 AMP
				11.32	188.92	243.86	274.81	18.76	281.93	274.28	5.87 PHASE
				4.82	2.59	.37	2.45	1.38	.42	.82	.16 AMP
				328.85	118.45	25.69	294.66	356.46	128.37	288.28	57.63 PHASE
				4.33	2.25	.38	2.18	1.44	.65	1.26	.21 AMP
				338.46	121.31	358.38	383.88	14.56	182.33	312.86	65.52 PHASE
				4.91	2.11	.35	2.15	1.27	.55	1.35	.27 AMP
				351.86	129.85	338.42	312.37	31.82	214.31	336.65	34.81 PHASE
				6.13	2.21	.53	2.15	1.11	.88	1.39	.14 AMP
				.78	123.92	292.17	383.22	18.73	213.83	328.47	298.44 PHASE
				8.48	2.65	1.89	2.55	1.34	.32	1.34	.51 AMP
				5.26	118.28	272.88	292.38	351.83	351.75	319.96	229.64 PHASE
				11.51	3.38	1.83	2.72	1.96	.93	1.48	.95 AMP
				13.28	122.68	283.77	299.72	347.36	17.86	335.48	256.71 PHASE

TABLE VIII.- Continued

(d) Continued

FLAPWISE 37 PERCENT RADIUS											
RUN NO 18											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
578	29.18	15.88	641	18.46	5.34	5.35	1.62	2.38	.46	.17	.41 AMP
				142.38	337.88	25.18	313.13	57.53	279.23	188.91	174.29 PHASE
579	38.46	16.49	648	11.43	5.98	6.85	1.63	2.18	.58	.19	.37 AMP
				144.17	348.88	29.11	316.83	57.28	284.51	219.95	187.72 PHASE
588	32.21	17.72	648	12.28	6.17	6.38	1.57	2.27	.48	.18	.39 AMP
				143.81	342.25	24.94	313.34	58.68	281.61	248.49	173.15 PHASE
581	34.84	18.97	641	13.83	6.57	6.68	1.68	2.44	.43	.26	.51 AMP
				144.81	344.86	23.71	384.58	53.88	266.62	242.55	162.88 PHASE
582	35.81	19.53	639	13.66	6.98	6.62	1.68	2.55	.45	.24	.46 AMP
				138.25	337.48	5.67	281.81	28.68	211.48	221.78	115.85 PHASE
583	37.54	28.27	648	14.89	7.17	6.81	1.58	2.58	.54	.24	.58 AMP
				137.28	341.86	3.66	274.48	34.84	284.75	247.71	112.54 PHASE
584	27.16	19.93	639	11.99	7.83	7.15	2.26	3.84	.53	.29	.74 AMP
				148.48	323.81	33.94	313.13	77.87	285.31	173.47	285.48 PHASE
585	28.87	28.42	648	12.49	6.87	7.35	2.21	2.92	.56	.38	.67 AMP
				148.51	323.83	38.66	386.93	78.44	283.15	174.98	283.19 PHASE
586	38.38	28.93	648	13.34	6.97	7.88	2.88	2.71	.56	.29	.57 AMP
				141.15	324.49	28.22	381.16	75.88	282.84	184.68	283.87 PHASE
587	32.35	28.78	648	13.91	6.84	7.58	1.73	2.72	.51	.38	.55 AMP
				141.72	338.99	38.18	295.88	84.61	274.31	215.95	218.86 PHASE
588	33.71	28.47	648	14.26	6.63	7.44	1.68	2.66	.58	.37	.58 AMP
				138.96	338.25	23.96	277.57	77.11	241.44	212.17	195.92 PHASE
589	35.34	28.52	648	14.58	6.58	6.93	1.54	2.81	.63	.42	.72 AMP
				132.88	327.36	8.38	246.18	62.12	288.89	162.38	166.38 PHASE
598	36.15	28.58	648	14.48	6.91	6.59	1.71	2.96	.78	.33	.71 AMP
				131.68	338.86	7.25	236.13	72.18	183.96	195.75	172.85 PHASE
591	25.63	24.68	641	13.63	8.84	8.11	2.99	3.26	.53	.28	.75 AMP
				139.21	313.42	48.69	318.52	71.92	382.84	143.75	211.11 PHASE
592	27.28	24.54	648	14.17	8.46	7.95	2.65	3.88	.48	.31	.68 AMP
				142.77	317.74	45.54	329.89	85.31	314.18	153.76	231.85 PHASE
593	28.73	24.48	639	14.55	8.83	8.22	2.29	3.82	.43	.29	.48 AMP
				145.88	325.73	51.57	348.58	96.42	335.97	198.36	261.69 PHASE
594	38.38	23.28	648	14.82	7.41	8.11	1.83	2.78	.28	.32	.23 AMP
				143.27	323.64	44.88	331.34	87.58	313.13	211.38	267.88 PHASE
595	31.69	22.93	648	15.48	7.57	8.21	1.66	2.15	.27	.38	.48 AMP
				148.21	321.68	33.56	315.84	73.53	258.48	228.68	323.42 PHASE
596	33.14	22.28	639	15.65	7.88	7.74	1.58	1.67	.48	.41	.66 AMP
				141.59	333.32	39.56	311.88	91.21	227.47	246.51	358.58 PHASE

CHORDWISE 37 PERCENT RADIUS											
RUN NO 18											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
578	29.98	25.76	641	9.58	4.67	4.21	5.68	2.81	6.82	3.57	1.48 AMP
				297.39	135.27	262.43	25.92	336.13	334.98	34.95	113.14 PHASE
579	38.86	38.11	648	15.94	6.56	6.76	8.19	4.51	2.78	3.82	1.64 AMP
				321.35	147.55	253.33	36.62	354.23	47.59	62.51	184.63 PHASE
588	38.81	49.88	648	24.52	7.74	18.53	18.42	3.45	4.19	1.13	2.17 AMP
				332.55	153.65	247.63	35.99	348.67	218.23	75.48	112.39 PHASE
581	29.26	71.42	641	35.73	8.18	14.74	12.16	3.28	3.28	247.28	261.18
				341.78	159.84	249.49	34.32	328.34	18.87	.59	123.89 PHASE
582	28.33	83.65	639	46.63	8.77	19.24	13.25	3.34	18.88	311.67	2.58 AMP
				338.33	162.98	233.62	11.46	255.38	229.85	92.17	92.17 PHASE
583	26.71	98.93	648	51.82	8.98	23.38	14.67	4.36	18.88	2.18	2.55 AMP
				343.87	179.15	237.49	6.48	235.45	257.61	344.22	93.74 PHASE
584	28.73	38.34	639	13.28	7.18	5.83	5.62	2.47	5.25	5.88	1.68 AMP
				287.38	117.96	278.21	28.98	28.14	322.85	36.69	143.59 PHASE
585	28.67	37.59	648	19.22	9.38	7.78	7.84	3.22	2.53	5.18	1.13 AMP
				384.88	129.72	258.54	21.86	349.14	343.14	42.46	157.28 PHASE
586	27.58	52.28	648	27.88	11.73	11.28	18.44	3.95	5.58	2.78	1.52 AMP
				328.88	134.88	255.97	29.63	341.16	18.62	51.47	113.85 PHASE
587	25.71	66.94	648	37.24	12.63	15.97	11.63	4.54	18.62	4.26	2.89 AMP
				338.88	146.88	259.61	36.36	338.33	243.85	184.72	131.55 PHASE
588	23.88	78.71	648	46.41	12.98	19.68	12.33	6.56	12.45	1.67	1.78 AMP
				333.83	149.18	257.48	31.62	328.55	254.86	241.18	134.45 PHASE
589	21.93	92.78	648	59.86	12.86	23.91	13.39	8.88	11.38	4.12	1.75 AMP
				334.52	149.78	246.88	8.15	294.38	248.79	232.65	128.15 PHASE
598	21.18	181.72	648	67.73	13.77	27.51	12.89	18.11	12.88	4.55	1.58 AMP
				341.85	156.86	247.39	359.82	284.88	281.73	269.34	158.47 PHASE
591	28.88	34.94	641	17.89	8.71	6.67	4.77	4.48	4.12	5.66	1.41 AMP
				288.59	128.57	271.36	39.69	284.98	219.59	25.96	114.79 PHASE
592	26.24	46.35	648	23.86	12.24	8.94	7.26	4.54	6.52	5.76	1.78 AMP
				382.21	136.88	278.69	35.42	283.36	389.87	42.87	185.86 PHASE
593	24.78	54.38	639	46.41	14.18	11.83	8.98	7.11	4.63	5.91	1.31 AMP
				28.34	14.18	11.83	8.98	7.11	4.63	5.91	1.31 AMP
594	22.33	64.29	648	37.22	15.38	14.25	18.72	7.29	7.84	3.51	52.63 PHASE
				323.56	147.17	274.88	53.75	383.88	317.28	55.56	51.81 PHASE
595	19.84	72.92	648	49.21	16.33	18.45	11.96	8.48	9.73	4.23	2.41 AMP
				332.31	145.69	269.41	39.32	318.38	318.55	318.29	337.65 PHASE
596	16.42	84.76	639	68.45	17.11	22.51	12.65	8.83	12.97	9.39	4.19 AMP
				343.48	158.48	288.37	41.52	348.88	352.28	338.44	8.19 PHASE



TABLE VIII.- Continued

(d) Continued

TORSION 36 PERCENT RADIUS												
RUN NO 18												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
578	-1.48	5.72	641	2.98	1.38	.29	1.89	1.85	.68	.42	.14	AMP
				315.83	89.14	386.14	251.76	312.88	88.51	241.16	38.19	PHASE
579	-3.29	6.85	648	3.19	1.19	.25	1.28	1.84	.49	.48	.88	AMP
				333.88	99.51	268.89	253.78	329.82	187.89	255.57	22.88	PHASE
588	-5.48	6.24	648	3.92	.94	.39	1.32	1.81	.48	.52	.18	AMP
				348.77	187.49	246.98	258.81	331.99	188.48	236.52	341.41	PHASE
581	-7.77	7.78	641	4.99	.88	.68	1.44	.99	.64	.75	.18	AMP
				.67	114.23	235.15	251.62	342.88	115.96	219.41	386.38	PHASE
582	-9.91	8.83	639	6.86	.83	.98	1.48	.97	.76	.85	.28	AMP
				2.13	189.51	211.28	228.85	328.88	91.81	186.15	277.38	PHASE
583	-12.22	11.57	648	7.84	1.14	1.39	1.35	1.14	.98	1.85	.34	AMP
				7.54	185.56	289.63	233.82	332.35	97.98	192.18	268.21	PHASE
584	-.36	6.94	639	3.34	2.19	.25	1.55	1.28	.57	.61	.21	AMP
				311.46	95.99	328.22	261.68	322.79	94.22	267.39	43.99	PHASE
585	-2.37	7.27	648	3.61	1.81	.15	1.47	1.33	.69	.69	.21	AMP
				328.24	97.91	278.67	256.56	334.28	98.93	262.78	52.48	PHASE
586	-4.49	7.69	648	4.31	1.64	.26	1.66	1.27	.54	.75	.11	AMP
				342.48	99.75	232.82	253.31	347.36	188.98	249.42	346.69	PHASE
587	-7.86	8.88	648	5.58	1.55	.63	1.64	1.28	.78	.89	.16	AMP
				355.75	185.65	227.59	257.22	5.81	113.43	243.83	.94	PHASE
588	-9.17	18.56	648	6.82	1.75	1.84	1.63	1.38	.72	.95	.22	AMP
				1.43	184.29	222.23	253.82	2.24	188.47	231.76	21.54	PHASE
589	-11.69	13.83	648	8.88	2.25	1.53	1.54	1.45	.46	.93	.39	AMP
				3.81	95.77	288.25	239.55	338.73	69.82	217.51	349.98	PHASE
598	-13.54	15.73	648	11.14	2.95	1.77	1.56	1.59	.87	1.24	.29	AMP
				3.68	86.93	286.49	241.55	329.51	253.85	226.85	328.58	PHASE
591	.57	8.49	641	4.84	2.78	.23	2.86	1.26	.43	.67	.11	AMP
				312.77	183.58	358.83	264.83	316.42	81.68	258.18	341.85	PHASE
592	-1.68	8.39	648	4.28	2.31	.24	1.78	1.38	.58	1.83	.15	AMP
				338.17	186.96	311.98	273.34	333.98	131.94	269.28	356.82	PHASE
593	-3.64	8.64	639	4.81	2.11	.19	1.86	1.18	.49	1.14	.25	AMP
				343.16	114.51	296.89	281.41	358.84	161.82	292.55	338.17	PHASE
594	-6.18	9.57	648	5.88	2.11	.48	1.89	1.86	.31	1.14	.13	AMP
				351.78	188.27	245.73	272.81	338.13	151.21	281.86	261.25	PHASE
595	-8.95	11.33	648	7.86	2.43	.86	2.38	1.24	.18	1.89	.33	AMP
				356.26	99.32	231.69	261.12	314.43	323.34	274.98	188.22	PHASE
596	-12.13	14.78	639	18.57	2.96	1.39	2.56	1.73	.72	1.16	.71	AMP
				4.82	183.39	244.44	269.28	312.96	333.21	292.56	285.81	PHASE

TABLE VIII.- Continued

(d) Continued

FLAPWISE 51 PERCENT RADIUS											
RUN NO 18											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
578	13.83	23.83	641	15.36	7.89	6.44	1.22	1.65	.54	1.85	1.89 AMP
				135.33	321.69	28.18	382.88	236.42	188.17	15.39	186.78 PHASE
579	15.31	24.65	648	16.68	8.62	7.48	1.19	1.74	.65	1.88	1.88 AMP
				138.22	326.59	23.21	381.92	244.14	113.62	21.66	199.48 PHASE
580	17.32	25.47	648	17.61	8.78	8.16	1.12	1.71	.66	1.88	1.88 AMP
				138.94	325.59	28.84	296.78	243.61	189.98	14.48	187.51 PHASE
581	19.33	27.26	641	18.78	9.12	8.96	1.11	1.69	.66	1.12	1.85 AMP
				148.81	325.88	28.41	293.65	249.33	188.17	6.47	171.56 PHASE
582	21.46	28.35	639	19.71	9.28	9.38	.99	1.63	.68	.95	.95 AMP
				136.18	316.36	3.31	271.82	226.18	76.83	327.98	128.77 PHASE
583	23.58	29.22	648	28.57	9.15	9.19	1.84	1.63	.65	1.85	1.21 AMP
				136.79	316.69	3.16	266.25	234.58	67.34	326.23	118.57 PHASE
584	18.94	29.43	639	17.37	11.22	8.32	1.83	2.87	1.83	1.91	1.96 AMP
				133.57	315.53	38.94	316.86	241.49	111.94	31.37	218.82 PHASE
585	12.87	29.76	648	18.11	18.88	8.76	1.84	2.12	1.88	1.68	1.92 AMP
				134.53	314.22	26.62	312.31	248.96	188.97	38.75	217.66 PHASE
586	14.69	38.52	648	19.22	18.91	9.63	1.88	2.88	1.16	1.82	1.62 AMP
				135.66	312.89	23.64	318.84	243.17	181.93	26.68	215.58 PHASE
587	17.83	38.64	648	28.21	18.58	9.67	1.69	1.96	1.83	1.79	1.79 AMP
				137.82	315.18	25.32	315.75	254.38	188.26	29.42	217.76 PHASE
588	18.72	31.24	648	28.92	18.38	9.88	1.68	1.84	.97	1.78	1.77 AMP
				136.48	311.88	19.86	387.14	247.13	95.68	16.45	289.25 PHASE
589	28.72	31.24	648	21.55	9.93	9.47	1.55	1.82	.87	1.78	1.89 AMP
				132.81	383.72	4.43	284.42	235.67	71.74	348.73	176.71 PHASE
590	21.66	32.39	648	21.74	18.21	9.11	1.51	1.88	.84	1.96	1.78 AMP
				132.33	385.48	4.23	283.83	248.82	65.12	342.46	179.15 PHASE
591	8.41	35.21	641	18.97	13.95	8.76	1.58	2.29	1.88	2.79	1.88 AMP
				133.42	318.85	36.69	327.49	232.72	98.42	28.63	285.98 PHASE
592	18.38	34.94	648	19.81	13.12	8.87	1.64	2.18	1.87	2.86	1.71 AMP
				137.39	314.24	48.74	339.22	245.39	186.53	45.42	238.36 PHASE
593	12.18	34.83	639	28.42	12.46	9.19	1.62	2.89	1.85	2.61	1.88 AMP
				141.12	319.97	45.55	348.21	268.20	125.94	17.17	268.73 PHASE
594	14.89	32.53	648	21.85	11.38	9.52	1.55	1.78	1.73	2.39	.79 AMP
				148.21	314.34	37.71	341.22	251.84	113.88	67.18	387.92 PHASE
595	15.98	32.81	648	22.28	11.36	9.78	1.42	1.32	1.87	2.31	1.75 AMP
				137.91	318.62	27.93	348.96	234.59	89.79	58.94	335.27 PHASE
596	17.77	32.83	639	23.89	11.32	9.31	1.22	.94	1.78	2.68	2.66 AMP
				148.73	318.98	35.41	3.18	243.89	97.28	78.15	6.68 PHASE

CHORDWISE 51 PERCENT RADIUS											
RUN NO 18											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
578	5.13	26.89	641	18.68	4.77	3.57	6.12	2.62	7.98	4.18	1.73 AMP
				381.88	141.57	278.57	31.25	333.39	335.56	39.44	116.87 PHASE
579	5.84	32.39	648	15.65	6.25	5.35	8.71	4.16	2.95	3.88	2.86 AMP
				317.37	158.17	267.93	48.33	351.88	39.98	68.73	99.15 PHASE
580	4.72	43.85	648	22.26	7.17	8.38	11.84	3.32	4.76	1.89	2.88 AMP
				325.98	153.53	261.88	38.67	336.86	226.51	94.85	118.62 PHASE
581	3.89	63.59	641	38.69	7.48	11.75	12.98	3.24	11.11	1.29	3.24 AMP
				333.97	156.52	262.13	36.78	319.88	251.15	252.54	123.27 PHASE
582	2.86	72.12	639	39.11	7.57	15.44	14.46	3.19	12.48	.81	3.38 AMP
				338.81	156.82	245.46	13.58	255.95	231.73	265.35	89.93 PHASE
583	1.87	84.12	648	49.91	7.24	19.23	16.19	4.83	11.62	2.28	3.22 AMP
				335.29	168.32	248.84	8.28	235.62	259.83	331.88	89.37 PHASE
584	6.16	38.87	639	13.94	7.19	5.11	6.11	1.98	6.25	5.92	1.66 AMP
				292.89	125.15	283.84	39.86	15.42	322.75	41.68	152.91 PHASE
585	5.75	37.63	648	18.82	8.84	6.43	8.38	2.71	3.23	6.88	1.81 AMP
				383.35	132.24	273.41	28.82	348.82	348.92	45.84	178.58 PHASE
586	5.87	51.64	648	24.85	18.56	9.18	11.83	3.61	6.15	3.25	2.88 AMP
				314.65	134.73	269.75	34.59	333.31	199.79	55.48	186.96 PHASE
587	3.39	62.66	648	32.91	11.25	13.81	12.36	4.41	12.85	.35	2.83 AMP
				323.48	142.51	271.48	48.83	325.88	246.77	119.33	138.44 PHASE
588	1.68	71.38	648	48.17	11.49	16.39	13.25	6.36	14.28	2.88	2.44 AMP
				326.74	143.49	268.54	32.78	318.19	258.87	245.65	131.88 PHASE
589	-1.77	78.96	648	58.11	18.96	28.48	14.68	7.93	12.92	5.28	2.45 AMP
				327.52	148.19	255.83	8.98	294.37	251.43	236.93	116.98 PHASE
590	-1.78	84.46	648	55.79	13.52	24.23	14.48	18.89	14.62	5.78	2.42 AMP
				334.84	146.36	254.86	359.56	283.87	283.63	272.58	152.65 PHASE
591	7.37	37.48	641	17.12	8.85	5.65	5.48	4.58	4.93	6.61	1.38 AMP
				284.85	124.82	281.51	49.54	283.47	227.81	29.53	188.84 PHASE
592	6.19	43.21	648	22.22	11.59	7.21	7.66	6.86	7.81	6.96	.91 AMP
				389.99	137.28	283.11	43.58	281.91	311.26	46.72	95.88 PHASE
593	4.81	49.11	639	26.38	12.77	8.83	9.52	6.59	7.25	7.25	1.98 AMP
				319.91	145.44	291.56	61.89	388.86	333.83	82.81	58.31 PHASE
594	2.58	57.42	648	33.52	13.71	11.55	11.68	6.97	9.34	4.42	1.83 AMP
				318.71	143.53	285.19	56.82	384.29	319.78	78.38	63.98 PHASE
595	-1.81	69.18	648	43.51	14.62	15.53	13.12	8.58	11.43	3.88	3.21 AMP
				325.88	139.67	279.35	48.81	314.93	314.71	316.22	351.41 PHASE
596	-3.94	77.94	639	52.58	16.81	19.62	14.48	9.29	14.84	9.58	5.48 AMP
				336.66	158.51	287.94	41.32	348.41	356.39	342.87	11.88 PHASE



TABLE VIII.- Continued

(d) Continued

TORSION 5# PERCENT RADIUS											
RUN NO		18									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
578	-1.14	5.82	641	2.47	1.66	.27	1.86	1.85	.61	.44	.23 AMP
				323.48	188.53	332.33	284.39	345.29	122.88	291.73	183.36 PHASE
579	-1.95	5.83	648	2.88	1.36	.18	1.15	1.86	.53	.44	.11 AMP
				344.98	114.14	296.48	283.87	359.62	143.11	382.78	127.97 PHASE
588	-4.88	6.14	648	3.52	1.18	.26	1.17	1.88	.52	.52	.88 AMP
				.43	125.88	252.24	288.68	1.23	148.78	284.56	62.32 PHASE
581	-6.35	7.76	641	4.64	1.83	.47	1.27	1.12	.72	.79	.28 AMP
				12.18	135.38	235.22	279.71	1.83	147.33	264.24	5.81 PHASE
582	-8.41	8.59	639	5.76	1.82	.74	1.26	1.14	.85	.93	.27 AMP
				13.12	133.86	211.11	257.43	349.58	122.29	238.38	328.81 PHASE
583	-18.56	11.29	648	7.37	1.19	.84	1.17	1.38	1.81	1.15	.41 AMP
				18.48	136.98	213.33	258.79	358.92	126.43	234.31	323.83 PHASE
584	.83	7.89	639	2.96	2.46	.36	1.45	1.23	.64	.64	.28 AMP
				318.48	189.18	349.83	291.55	355.93	133.42	323.63	126.37 PHASE
585	-1.13	7.35	648	3.28	2.81	.19	1.35	1.34	.79	.72	.29 AMP
				336.92	113.52	324.47	286.47	4.59	135.72	313.21	131.77 PHASE
586	-3.17	7.67	648	3.83	1.79	.16	1.45	1.38	.67	.73	.84 AMP
				352.89	118.57	274.96	281.94	15.84	144.25	381.16	136.43 PHASE
587	-5.58	8.51	648	4.86	1.55	.38	1.48	1.38	.85	.88	.18 AMP
				5.88	125.51	243.62	283.81	32.51	147.71	292.98	67.15 PHASE
588	-7.47	9.62	648	5.94	1.54	.66	1.46	1.49	.94	.93	.21 AMP
				11.17	122.84	224.85	276.71	27.25	133.68	288.52	92.78 PHASE
589	-9.72	11.96	648	7.72	1.84	.86	1.52	1.79	.78	.81	.48 AMP
				11.84	188.69	199.92	258.43	4.31	182.71	278.25	58.82 PHASE
598	-11.36	14.26	648	9.66	2.35	1.28	1.54	1.96	.23	1.41	.41 AMP
				11.77	95.88	191.39	256.73	358.49	188.18	282.33	43.44 PHASE
591	1.71	8.75	641	3.58	2.89	.34	1.96	1.33	.53	.74	.88 AMP
				318.48	116.17	357.69	293.44	358.93	117.93	387.48	133.35 PHASE
592	-.47	8.34	648	3.73	2.48	.38	1.64	1.36	.63	1.89	.86 AMP
				336.87	122.87	348.42	384.66	7.38	163.23	318.98	51.54 PHASE
593	-2.31	8.55	639	4.12	2.13	.31	1.67	1.24	.54	1.16	.24 AMP
				358.74	131.38	352.65	311.86	22.26	192.89	348.44	18.58 PHASE
594	-4.52	8.78	648	4.98	1.86	.18	1.68	1.19	.34	1.19	.12 AMP
				359.69	125.87	387.65	299.75	18.96	179.81	331.86	329.58 PHASE
595	-7.88	18.33	648	6.68	1.93	.58	2.22	1.42	.16	1.17	.32 AMP
				3.86	112.59	238.47	285.77	358.85	14.85	323.47	248.45 PHASE
596	-9.88	13.45	639	8.85	2.31	1.81	2.69	1.74	.79	1.22	.74 AMP
				9.96	187.18	233.87	294.63	353.39	1.53	349.58	261.23 PHASE

TABLE VIII.- Continued

(d) Continued

FLAPWISE 77 PERCENT RADIUS

RUN NO		18									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
578	-1.86	27.88	641	19.86	9.81	3.87	3.45	4.33	.15	1.15	1.58 AMP
				133.79	322.85	329.59	136.88	234.83	122.87	185.68	7.78 PHASE
579	1.45	38.86	648	28.89	9.73	4.88	3.58	4.28	.22	1.88	1.25 AMP
				138.64	327.86	348.19	141.82	234.13	123.88	187.93	28.82 PHASE
588	4.77	31.77	648	28.98	18.88	5.14	3.34	4.19	.89	1.14	1.33 AMP
				141.36	327.47	342.79	135.89	229.85	127.15	181.81	7.25 PHASE
581	8.15	34.22	641	22.87	18.84	5.61	3.28	4.42	.18	1.38	1.44 AMP
				145.17	327.22	346.12	127.69	233.23	11.83	172.26	348.93 PHASE
582	11.47	35.58	639	23.87	11.25	5.97	2.89	4.78	.45	1.88	1.38 AMP
				142.46	316.91	333.23	188.81	287.54	352.22	129.45	384.76 PHASE
583	14.72	37.58	648	24.43	11.92	5.73	2.72	4.91	.54	1.27	1.55 AMP
				145.42	317.26	335.38	91.84	215.16	353.88	138.44	294.45 PHASE
584	-3.92	33.56	639	21.33	11.84	4.57	5.25	5.46	.74	2.25	2.83 AMP
				132.11	317.88	339.27	142.37	252.73	257.44	283.31	48.81 PHASE
585	-.91	35.51	648	21.86	11.72	4.96	4.95	5.46	.65	1.89	2.77 AMP
				135.13	318.38	337.75	135.23	254.41	252.42	199.78	37.68 PHASE
586	2.14	36.66	648	22.71	11.98	5.57	4.52	5.86	.65	2.11	2.33 AMP
				138.13	317.67	339.58	132.45	255.49	255.88	192.81	37.18 PHASE
587	5.85	36.98	648	23.69	12.18	5.36	3.66	5.16	.46	2.85	2.47 AMP
				142.74	328.32	344.18	129.78	265.65	298.59	192.34	39.46 PHASE
588	8.67	38.32	648	24.61	12.34	5.28	2.94	5.28	.54	1.93	2.44 AMP
				143.41	316.72	339.49	115.33	258.57	328.26	176.64	32.25 PHASE
589	11.96	39.63	648	25.91	12.64	5.84	2.32	5.93	.86	1.69	2.68 AMP
				141.56	389.51	323.98	83.89	242.91	318.27	138.72	358.88 PHASE
598	13.48	41.82	648	26.72	13.44	4.76	2.37	6.39	.97	1.98	2.77 AMP
				143.41	311.61	328.32	68.12	251.97	317.38	148.66	4.51 PHASE
591	-6.48	37.13	641	23.83	13.72	4.42	6.91	4.79	1.61	3.87	2.34 AMP
				131.23	311.69	343.88	144.63	243.35	283.38	282.88	36.76 PHASE
592	-3.28	36.58	648	23.58	13.89	4.33	5.96	5.17	1.39	3.91	2.18 AMP
				137.37	315.98	353.11	155.49	255.57	283.24	225.25	72.48 PHASE
593	-.35	36.52	639	24.84	12.69	4.38	5.38	5.19	1.27	3.58	1.35 AMP
				142.67	322.69	1.68	166.16	267.71	295.22	248.65	112.71 PHASE
594	3.81	37.39	648	24.68	11.97	4.58	4.18	4.84	1.36	3.13	1.62 AMP
				143.47	318.78	359.16	155.92	262.58	298.82	241.24	149.85 PHASE
595	6.44	48.23	648	26.44	11.94	4.82	3.77	4.85	1.61	3.22	3.22 AMP
				143.58	315.88	351.23	141.89	253.89	286.46	226.76	153.45 PHASE
596	9.74	41.88	639	27.86	11.88	3.29	3.21	3.38	1.54	2.87	4.73 AMP
				148.45	324.17	357.78	148.83	283.62	321.96	242.61	181.81 PHASE

CHORDWISE 77 PERCENT RADIUS

RUN NO		18									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
578	-18.75	15.69	641	3.93	2.48	2.78	2.43	2.29	3.54	1.66	.88 AMP
				152.24	318.85	333.87	55.37	251.99	328.88	41.79	65.34 PHASE
579	-18.58	14.28	648	2.49	2.35	3.39	3.58	2.14	1.24	1.43	1.27 AMP
				162.28	326.14	333.98	56.98	273.21	29.28	74.84	64.37 PHASE
588	-9.45	15.24	648	2.86	2.36	4.89	4.52	2.34	2.12	1.41	1.41 AMP
				212.53	327.53	324.35	49.81	259.27	225.89	122.76	79.38 PHASE
581	-7.95	18.51	641	2.38	2.81	5.87	5.39	2.81	4.92	1.77	1.28 AMP
				389.49	338.87	319.47	45.23	259.82	247.55	219.95	92.48 PHASE
582	-6.82	22.17	639	5.11	3.26	6.82	6.19	3.42	5.46	.27	1.34 AMP
				318.69	318.24	297.74	28.55	221.86	228.84	282.98	61.13 PHASE
583	-4.93	24.79	648	8.23	4.83	7.89	6.92	3.93	5.14	.71	1.12 AMP
				316.81	315.42	291.79	13.63	228.46	255.34	325.72	58.68 PHASE
584	-11.47	17.48	639	4.41	3.82	3.57	2.69	2.34	2.99	2.83	.94 AMP
				157.58	319.42	339.42	75.99	258.46	318.91	43.41	73.44 PHASE
585	-11.47	16.68	648	3.88	2.49	4.88	3.37	2.89	1.78	2.28	.86 AMP
				174.85	328.25	333.75	54.38	262.92	325.11	46.45	45.47 PHASE
586	-18.31	16.71	648	1.72	2.21	4.93	4.61	3.15	2.62	1.19	1.64 AMP
				215.54	324.45	327.98	58.52	278.46	281.43	67.79	64.68 PHASE
587	-8.77	19.87	648	2.92	2.31	5.73	5.37	3.78	5.27	.55	1.84 AMP
				284.75	328.86	323.21	49.59	279.88	245.87	155.98	86.83 PHASE
588	-7.28	21.34	648	5.85	2.54	6.73	5.86	4.34	6.38	.87	1.78 AMP
				381.18	324.94	314.88	39.53	279.87	256.55	213.87	81.42 PHASE
589	-6.37	27.81	648	7.97	3.83	7.88	6.46	5.27	6.82	2.86	1.43 AMP
				387.24	317.16	293.78	11.98	262.62	258.81	224.64	68.71 PHASE
598	-4.72	32.65	648	7.97	1.86	8.75	6.28	6.99	7.84	2.22	1.89 AMP
				318.69	295.56	288.84	357.77	264.16	281.82	264.25	186.31 PHASE
591	-13.24	18.88	641	4.98	3.58	3.52	3.21	3.81	2.41	1.82	1.19 AMP
				165.45	388.11	342.53	97.15	258.85	233.78	25.48	56.67 PHASE
592	-12.29	18.55	648	3.61	2.53	3.83	3.28	4.94	3.84	2.82	1.25 AMP
				186.92	318.24	345.82	78.81	259.85	388.58	41.17	74.81 PHASE
593	-18.93	19.45	639	2.95	2.81	4.44	4.15	4.68	2.84	2.45	1.81 AMP
				216.24	319.88	358.97	83.93	277.69	325.31	82.77	78.58 PHASE
594	-9.78	21.13	648	3.11	1.58	5.15	5.14	4.58	4.54	1.46	1.52 AMP
				265.33	322.69	339.98	78.32	276.23	313.89	79.95	188.82 PHASE
595	-8.73	26.25	648	5.18	1.71	5.17	5.92	4.28	5.56	1.16	1.88 AMP
				299.11	333.64	325.86	51.59	287.69	318.98	292.55	76.55 PHASE
596	-7.27	32.57	639	7.15	1.11	6.78	6.11	4.32	7.11	3.19	.39 AMP
				319.69	355.11	322.27	51.32	327.35	352.84	327.88	61.13 PHASE

TABLE VIII.- Continued

(d) Concluded

TORSION 75 PERCENT RADIUS												
RUN NO 18												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
578	-2.34	4.45	641	1.94	1.68	.86	.95	.73	.45	.23	.87	AMP
				298.16	114.12	328.86	384.25	331.34	125.28	339.72	157.49	PHASE
579	-4.88	4.45	648	1.89	1.45	.89	.92	.75	.44	.27	.87	AMP
				326.13	131.97	221.76	383.65	336.87	143.49	345.74	215.38	PHASE
580	-5.98	5.84	648	2.34	1.36	.87	.87	.78	.44	.26	.86	AMP
				352.36	148.76	191.64	296.87	337.67	131.89	339.12	259.37	PHASE
581	-7.92	6.88	641	3.24	1.47	.36	.87	.88	.54	.24	.18	AMP
				11.27	163.66	183.96	289.43	345.51	128.69	381.81	314.86	PHASE
582	-9.67	7.86	639	4.26	1.67	.55	.86	.83	.63	.32	.16	AMP
				15.65	162.19	166.82	259.79	325.17	97.84	242.52	298.35	PHASE
583	-11.52	8.84	648	5.67	2.81	.61	.81	.81	.69	.44	.18	AMP
				23.86	169.21	158.29	252.89	334.22	97.58	241.12	297.81	PHASE
584	-1.77	6.16	639	2.59	2.44	.13	1.27	1.88	.58	.62	.18	AMP
				294.78	112.24	313.78	315.87	334.44	146.46	18.43	237.83	PHASE
585	-3.56	5.89	648	2.39	2.89	.86	1.18	.93	.68	.53	.19	AMP
				316.94	128.83	237.69	311.31	336.98	137.73	8.87	228.78	PHASE
586	-5.35	6.82	648	2.66	1.92	.12	1.18	.91	.65	.58	.25	AMP
				339.63	138.95	181.14	385.58	348.78	138.23	3.53	268.21	PHASE
587	-7.43	6.87	648	3.37	1.81	.25	.95	.87	.73	.48	.22	AMP
				1.53	147.42	182.78	382.23	357.42	138.75	358.43	271.74	PHASE
588	-9.82	7.39	648	4.19	1.83	.41	.95	.89	.77	.48	.17	AMP
				18.98	152.73	181.18	289.34	357.61	122.97	344.94	259.88	PHASE
589	-18.75	8.81	648	5.42	2.88	.46	.79	.93	.78	.65	.86	AMP
				16.83	154.79	158.93	264.96	342.56	88.44	314.47	188.61	PHASE
590	-11.89	8.76	648	6.49	1.77	.57	.68	.87	.38	1.88	.14	AMP
				16.24	156.16	185.52	261.17	345.58	86.82	312.26	5.87	PHASE
591	-1.28	7.96	641	3.25	2.87	.32	1.43	1.32	.54	.34	.88	AMP
				298.42	118.88	281.47	314.34	328.22	139.39	6.38	288.86	PHASE
592	-3.25	7.43	648	3.84	2.43	.48	1.32	1.26	.54	.83	.38	AMP
				318.57	121.39	285.64	326.38	344.18	156.28	12.16	313.88	PHASE
593	-4.81	7.14	639	3.89	2.18	.33	1.26	1.17	.48	.88	.49	AMP
				336.47	135.38	299.94	332.88	358.75	177.48	38.18	358.63	PHASE
594	-6.63	7.87	648	3.48	1.88	.27	1.13	1.87	.31	.79	.55	AMP
				351.57	148.79	282.25	319.79	349.52	158.99	19.82	348.76	PHASE
595	-8.53	7.52	648	4.25	1.78	.34	1.18	1.81	.14	.82	.69	AMP
				3.18	148.28	259.85	299.33	332.72	78.77	1.85	322.34	PHASE
596	-18.38	7.65	639	5.46	1.63	.26	1.16	1.88	.58	1.82	.73	AMP
				14.86	163.54	255.36	296.29	325.21	349.46	24.58	336.13	PHASE

PITCH LINK												
RUN NO 18												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
578	1.45	6.64	641	2.55	.57	1.25	1.41	1.78	.49	.78	.26	AMP
				177.28	283.16	158.55	98.88	178.44	316.12	61.34	188.44	PHASE
579	3.82	7.23	648	3.22	.38	1.28	1.79	1.74	.41	.62	.25	AMP
				194.16	318.61	157.18	182.99	185.84	348.83	65.77	186.82	PHASE
580	4.86	9.25	648	4.49	.39	1.28	1.74	1.79	.42	.76	.34	AMP
				286.46	13.74	135.98	188.25	187.83	359.57	59.97	172.81	PHASE
581	6.78	11.28	641	6.18	.52	1.25	1.83	1.88	.78	1.17	.52	AMP
				211.87	26.94	113.98	181.18	192.28	.32	53.85	155.35	PHASE
582	8.78	13.42	639	8.22	.56	1.44	1.76	1.82	.95	1.87	.52	AMP
				288.77	21.57	75.41	79.71	166.56	329.72	27.61	121.17	PHASE
583	18.82	16.64	648	11.22	.55	2.21	1.81	1.92	1.28	1.15	.75	AMP
				288.88	348.21	57.22	88.28	171.58	333.61	48.28	111.25	PHASE
584	.86	8.18	639	3.88	1.27	1.22	2.12	1.83	.31	.92	.51	AMP
				168.79	294.39	172.67	183.88	186.51	385.26	72.91	227.45	PHASE
585	1.89	9.17	648	3.96	1.84	1.84	2.88	2.16	.68	.98	.45	AMP
				184.38	297.36	166.13	99.24	196.78	338.72	84.23	216.49	PHASE
586	3.78	18.92	648	4.94	.93	.96	2.36	2.15	.51	1.19	.53	AMP
				194.72	388.85	151.46	99.22	287.17	.83	71.63	283.75	PHASE
587	5.95	13.62	648	6.89	.88	.92	2.28	2.19	.74	1.39	.65	AMP
				283.78	321.73	117.75	182.62	221.19	6.89	73.44	211.98	PHASE
588	7.83	15.61	648	8.98	1.84	1.28	2.18	2.28	.74	1.36	.78	AMP
				284.46	311.98	87.89	99.53	212.21	355.54	67.25	215.62	PHASE
589	18.19	19.14	648	12.83	1.61	1.96	2.86	2.21	.53	1.18	.95	AMP
				282.94	296.82	59.68	86.28	188.82	5.38	63.82	186.87	PHASE
590	12.88	22.36	648	15.85	2.42	2.68	2.12	2.15	.73	1.38	.86	AMP
				281.66	278.22	51.71	88.64	188.13	62.18	74.85	166.17	PHASE
591	-1.88	18.48	641	3.78	1.76	1.13	2.88	1.89	.32	1.14	.36	AMP
				166.64	386.68	186.47	187.77	188.84	318.44	51.23	283.88	PHASE
592	1.81	11.91	648	4.82	1.58	1.18	2.49	1.94	.66	1.47	.46	AMP
				181.75	387.62	181.17	117.94	288.77	21.88	91.63	223.16	PHASE
593	2.75	13.34	639	5.98	1.61	1.82	2.61	1.76	.78	1.58	.26	AMP
				192.72	328.72	185.45	129.92	215.44	55.17	118.88	215.92	PHASE
594	4.96	15.25	648	7.68	1.75	.89	2.46	1.51	.61	1.57	.24	AMP
				197.33	315.17	161.31	119.68	281.65	68.46	113.83	318.87	PHASE
595	7.78	18.58	648	18.25	2.12	1.12	2.75	1.88	.66	1.41	.92	AMP
				198.43	384.18	118.45	189.23	188.77	188.81	185.33	7.27	PHASE
596	18.87	23.35	639	14.24	2.87	1.82	2.92	2.41	1.12	1.51	1.39	AMP
				283.95	386.88	185.71	116.43	159.65	159.33	127.42	36.44	PHASE

TABLE VIII.- Continued

(e) $\mu = 0.40$; $M_T = 0.62$

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CU/SIGMA
597	-.4	2.6	2.2	.01819	.00209	.00137
598	-.1	4.6	4.1	.02844	.00182	.00156
600	-.6	5.1	6.3	.04588	.00189	.00172
601	-1.1	5.7	8.1	.06002	.00224	.00194
602	.9	2.7	4.2	.01134	.00130	.00162
603	.0	4.3	6.1	.02041	.00005	.00206
604	-.7	5.3	8.2	.03525	-.00140	.00277
605	-1.5	6.5	10.3	.04739	-.00293	.00353
606	-2.4	7.8	12.1	.05717	-.00435	.00436
607	-1.9	9.0	13.1	.06141	-.00513	.00498
608	1.0	4.7	8.1	.01264	.00045	.00200
609	.2	5.8	10.2	.02434	-.00168	.00298
610	-.2	6.6	12.2	.04103	-.00441	.00424
611	-1.2	7.9	14.0	.04982	-.00652	.00537
612	-1.9	9.2	16.0	.06166	-.00928	.00683
613	-2.3	9.6	17.0	.06629	-.01004	.00752

TABLE VIII.- Continued

(e) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO 18											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
597	41.17	38.87	584	13.38	18.91	18.83	6.89	9.47	2.44	2.51	8.38 AMP
				152.28	334.36	77.83	14.83	133.48	8.81	242.18	189.86 PHASE
598	42.68	39.78	584	14.53	11.84	18.58	6.76	9.29	2.63	2.33	8.21 AMP
				152.57	335.52	74.27	15.84	139.58	9.81	239.41	112.66 PHASE
600	44.23	48.52	584	14.58	18.94	18.27	6.77	8.43	2.54	2.82	8.27 AMP
				148.85	327.42	59.28	356.71	128.87	351.47	286.41	77.83 PHASE
601	45.56	38.84	584	14.53	18.88	9.59	6.68	7.47	2.65	1.86	7.78 AMP
				146.23	325.34	54.75	353.32	128.84	6.88	288.59	73.34 PHASE
602	41.44	31.28	584	12.38	9.58	8.87	4.85	7.77	1.85	1.78	5.41 AMP
				158.91	338.87	64.48	8.48	128.28	1.39	255.42	184.49 PHASE
603	43.18	29.59	585	13.81	9.17	7.76	4.71	7.52	1.85	1.68	4.45 AMP
				152.57	332.81	45.73	358.65	183.64	335.95	236.24	76.54 PHASE
604	44.73	38.38	584	13.28	9.33	7.88	5.87	7.55	1.91	1.44	4.88 AMP
				152.95	337.72	47.71	356.38	116.84	351.68	258.88	97.68 PHASE
605	46.43	28.43	585	13.13	8.88	7.45	4.77	7.21	1.98	1.88	3.97 AMP
				147.92	336.26	37.86	347.21	189.58	348.51	246.33	83.12 PHASE
606	47.77	27.91	585	13.13	8.88	7.88	4.76	6.91	1.87	1.84	4.88 AMP
				141.67	332.88	23.95	332.89	95.16	335.59	224.66	61.45 PHASE
607	48.58	27.68	584	13.34	8.66	6.86	4.73	6.84	2.83	3.91	3.98 AMP
				139.44	335.83	19.12	333.31	93.93	348.99	222.59	68.49 PHASE
608	43.61	22.48	588	11.94	7.39	5.81	3.68	6.83	1.52	1.19	1.74 AMP
				157.49	336.91	31.91	1.72	92.28	328.11	251.38	64.26 PHASE
609	45.29	22.67	586	11.96	7.57	5.25	3.91	5.95	1.73	1.96	1.59 AMP
				151.81	334.44	22.24	352.39	82.18	319.53	247.68	55.68 PHASE
610	47.17	22.68	584	11.94	7.81	5.62	4.22	6.18	1.67	1.76	1.79 AMP
				148.66	348.39	23.96	332.89	91.46	329.21	256.41	75.83 PHASE
611	48.68	22.85	583	11.69	7.57	5.48	4.25	5.86	1.59	1.87	1.87 AMP
				141.88	341.31	15.59	353.63	85.89	328.23	247.68	64.48 PHASE
612	58.38	21.75	585	11.58	7.56	5.21	4.25	5.98	1.44	1.54	2.88 AMP
				132.73	343.18	2.57	344.28	84.45	329.89	215.18	55.81 PHASE
613	58.87	22.36	584	11.81	7.82	5.34	4.46	5.89	1.38	1.42	2.82 AMP
				129.93	343.93	357.88	344.57	86.26	328.88	284.47	55.78 PHASE

CHORDWISE 25 PERCENT RADIUS											
RUN NO 18											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
597	49.86	44.67	584	11.56	9.82	9.15	2.69	1.63	6.58	18.17	3.41 AMP
				259.31	153.81	271.21	84.78	162.57	194.88	194.97	177.75 PHASE
598	49.85	58.53	584	14.46	14.62	14.28	4.15	4.48	12.95	13.88	2.87 AMP
				282.98	156.27	279.23	85.43	337.39	288.64	285.62	192.65 PHASE
600	47.29	64.69	584	19.14	19.73	18.54	5.43	5.4	14.96	15.53	3.89 AMP
				386.47	154.78	267.28	71.45	348.22	188.31	182.22	157.49 PHASE
601	45.72	78.86	584	25.55	23.46	22.82	7.38	2.64	16.52	15.86	3.48 AMP
				328.48	159.98	264.18	78.62	1.78	193.17	192.32	163.81 PHASE
602	48.98	39.73	584	8.51	18.78	18.38	4.16	7.8	6.17	7.37	3.84 AMP
				269.92	147.66	288.79	89.39	114.51	284.35	218.58	176.63 PHASE
603	49.31	45.61	585	18.81	14.43	13.76	4.75	1.33	7.61	9.19	2.74 AMP
				282.59	145.83	267.52	64.88	272.65	168.75	173.84	156.69 PHASE
604	49.97	58.79	584	14.86	19.85	19.86	6.78	2.88	9.85	11.41	3.17 AMP
				319.22	168.85	266.29	75.16	384.87	196.87	194.58	182.34 PHASE
605	58.79	59.89	585	21.44	21.88	24.15	8.38	2.54	9.36	12.58	3.82 AMP
				334.47	164.39	258.69	66.92	383.36	284.18	198.88	185.64 PHASE
606	51.24	69.23	585	28.56	23.34	28.72	9.62	1.82	9.67	12.53	3.13 AMP
				338.17	165.58	252.12	61.19	381.28	199.74	178.15	175.64 PHASE
607	51.18	83.43	584	37.75	24.26	31.62	18.89	2.87	18.53	12.81	3.83 AMP
				343.64	169.29	253.92	63.27	285.64	289.55	181.73	176.88 PHASE
608	48.57	34.13	588	5.49	18.28	18.75	4.92	1.38	2.74	5.22	1.34 AMP
				288.84	147.65	266.32	68.87	333.25	147.75	167.89	133.87 PHASE
609	58.35	41.96	586	18.84	14.58	15.86	7.48	2.49	4.47	7.16	1.71 AMP
				328.94	157.23	258.23	49.32	278.54	172.69	182.36	141.11 PHASE
610	52.33	66.38	584	23.82	18.34	23.19	9.94	2.65	9.69	7.21	2.81 AMP
				357.84	172.31	254.46	63.83	295.69	259.15	179.57	282.78 PHASE
611	53.25	78.67	583	32.22	19.89	27.97	11.85	2.18	3.21	6.64	1.96 AMP
				38.38	178.29	251.28	64.96	269.84	259.59	181.88	288.57 PHASE
612	54.75	99.28	585	47.28	19.95	33.89	12.41	2.86	1.68	6.46	2.88 AMP
				1.15	184.61	249.92	63.46	241.68	242.88	167.37	282.94 PHASE
613	54.88	111.83	584	53.86	21.59	37.52	13.41	3.18	1.89	7.89	2.19 AMP
				4.34	189.68	252.92	66.63	237.88	382.85	164.43	218.95 PHASE

TABLE VIII.- Continued

(e) Continued

TORSION 28 PERCENT RADIUS												
RUN NO 18												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
597	4.32	18.77	584	4.25 385.74	3.15 155.81	.42 173.12	2.12 357.95	2.18 88.66	1.49 198.48	.81 57.89	2.85 164.66	AMP PHASE
598	2.62	18.98	584	3.88 319.21	2.84 165.59	.42 217.19	2.38 347.98	2.53 188.44	1.49 286.43	1.59 79.97	2.88 175.23	AMP PHASE
600	.27	11.13	584	3.79 337.22	2.81 166.88	.77 236.64	2.48 326.24	2.58 84.99	1.26 182.19	.72 57.93	2.15 145.38	AMP PHASE
601	-1.86	12.88	584	4.45 353.48	2.94 172.22	1.15 252.41	2.51 322.29	2.56 92.37	.92 188.95	.68 64.86	1.45 147.45	AMP PHASE
602	3.67	8.63	584	3.47 294.37	2.38 145.16	.48 326.85	1.82 348.56	2.82 88.54	1.89 178.84	.68 34.85	1.45 168.68	AMP PHASE
603	2.88	7.57	585	3.88 384.65	1.88 149.11	.63 384.19	1.82 327.11	2.27 68.55	1.83 159.83	.51 15.86	1.23 144.51	AMP PHASE
604	.88	7.88	584	2.76 328.41	1.73 169.17	.74 384.25	1.88 329.15	2.48 81.33	1.14 171.39	.42 51.73	1.42 172.64	AMP PHASE
605	-1.83	8.41	585	2.97 347.72	1.78 178.43	1.38 292.72	1.81 321.41	2.53 88.82	1.88 167.79	.72 26.36	1.21 155.19	AMP PHASE
606	-3.52	9.58	585	3.37 .14	1.84 186.89	1.68 281.64	1.89 314.38	2.53 72.22	1.85 159.27	.81 358.11	1.36 125.22	AMP PHASE
607	-4.57	18.26	584	3.98 8.55	1.96 188.79	1.78 281.46	2.88 317.29	2.53 78.55	1.18 168.79	.73 358.47	1.47 118.84	AMP PHASE
608	1.52	6.18	588	2.51 292.49	1.86 155.13	1.18 316.94	1.42 331.78	1.94 44.99	.78 153.64	.25 37.85	.71 144.77	AMP PHASE
609	-.27	5.95	586	2.12 314.13	.99 177.45	1.38 299.44	1.36 318.63	2.18 43.29	.98 153.32	.19 7.18	.73 137.78	AMP PHASE
610	-2.47	6.99	584	2.48 358.29	1.27 195.54	1.56 388.58	1.51 331.67	2.14 62.73	.98 173.88	.55 2.28	.76 148.84	AMP PHASE
611	-4.18	7.15	583	3.84 4.63	1.52 205.43	1.69 293.84	1.62 327.58	1.99 62.37	.97 178.38	.47 357.78	.89 128.48	AMP PHASE
612	-6.26	9.11	585	4.22 16.41	1.82 285.83	2.88 281.75	1.66 328.53	2.87 66.72	1.84 187.75	.63 347.88	1.83 118.82	AMP PHASE
613	-7.18	18.18	584	4.77 28.98	2.88 289.48	2.28 283.48	1.64 325.84	2.11 72.98	1.18 194.88	.68 356.89	1.89 111.71	AMP PHASE



TABLE VIII.- Continued

(e) Continued

FLAPWISE 37 PERCENT RADIUS

RUN NO		18										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
597	22.25	36.79	584	18.58	15.88	11.92	5.91	4.38	.91	.48	2.87	AMP
				146.78	337.84	73.33	1.93	144.89	9.41	282.95	285.55	PHASE
598	23.75	37.98	584	19.75	15.44	12.11	5.68	4.26	.93	.54	1.97	AMP
				146.99	338.18	71.26	4.87	153.32	14.54	288.52	288.77	PHASE
600	25.26	38.96	584	28.93	15.53	12.68	5.22	3.66	.85	.78	2.85	AMP
				143.88	329.64	56.68	349.88	136.62	356.88	249.57	254.46	PHASE
601	26.51	39.28	584	21.88	15.65	12.53	4.81	3.14	.88	.66	1.98	AMP
				142.78	328.66	52.99	348.65	138.87	18.88	253.52	252.54	PHASE
602	23.62	38.29	584	16.71	13.18	9.55	4.17	3.66	.85	.27	1.36	AMP
				148.68	348.16	66.36	355.87	123.27	8.14	288.91	286.73	PHASE
603	25.27	29.84	585	17.84	12.98	9.54	3.96	3.66	.82	.31	1.18	AMP
				144.84	333.91	58.18	339.87	187.33	337.72	256.41	258.33	PHASE
604	26.79	31.12	584	18.21	13.56	18.19	4.18	3.51	.81	.53	1.28	AMP
				146.24	339.74	53.81	348.86	128.93	353.21	261.71	288.83	PHASE
605	28.48	38.84	585	18.69	13.22	18.42	3.89	3.33	.71	.62	1.14	AMP
				144.13	337.72	47.28	341.87	113.41	348.71	249.29	264.84	PHASE
606	29.72	31.89	585	19.26	13.43	18.68	3.73	3.21	.63	.64	1.18	AMP
				148.94	333.72	38.89	329.85	96.75	318.66	237.29	243.68	PHASE
607	38.58	31.55	584	19.75	13.42	18.71	3.52	3.22	.75	.66	1.16	AMP
				148.48	334.24	36.61	326.47	94.21	312.89	242.98	244.82	PHASE
608	26.74	22.78	588	14.67	18.34	6.63	2.76	3.88	.54	.22	.52	AMP
				145.66	339.51	45.85	346.38	92.52	317.83	264.14	244.55	PHASE
609	28.21	23.49	586	15.52	18.84	7.31	2.87	3.86	.52	.25	.44	AMP
				142.94	336.61	37.37	348.44	82.21	314.88	243.48	239.45	PHASE
610	29.87	25.38	584	16.73	11.66	8.52	3.82	3.21	.45	.43	.57	AMP
				144.63	341.75	42.39	346.86	98.74	298.33	258.54	258.33	PHASE
611	31.32	26.17	583	17.88	11.53	8.79	2.98	3.87	.56	.49	.67	AMP
				143.81	342.33	38.61	343.96	88.37	288.95	251.81	248.67	PHASE
612	33.85	25.78	585	17.66	11.62	9.11	2.81	3.83	.61	.51	.74	AMP
				141.88	341.48	34.52	337.88	78.63	273.82	264.44	234.89	PHASE
613	33.62	26.72	584	18.32	12.28	9.31	2.88	3.89	.65	.56	.75	AMP
				148.98	342.44	34.98	339.88	79.82	266.92	266.83	237.84	PHASE

CHORDWISE 37 PERCENT RADIUS

RUN NO		18										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
597	23.64	41.22	584	11.35	7.65	5.59	4.23	2.33	9.55	16.58	6.37	AMP
				266.98	143.91	287.56	75.63	171.73	288.66	194.25	249.84	PHASE
598	22.78	58.88	584	14.27	12.14	18.13	6.77	1.13	18.19	21.88	6.99	AMP
				284.98	158.99	296.35	83.62	258.12	282.85	286.49	259.71	PHASE
600	21.22	64.45	584	18.68	16.34	13.85	9.68	1.33	28.56	25.38	6.56	AMP
				383.45	151.87	286.85	78.39	235.74	182.17	183.13	224.84	PHASE
601	19.23	71.95	584	24.39	19.98	17.52	12.88	2.41	22.96	25.83	7.11	AMP
				321.54	158.18	285.16	71.17	321.85	194.17	195.58	214.25	PHASE
602	23.26	36.82	584	8.84	8.53	6.85	5.78	.59	8.58	12.94	3.87	AMP
				274.12	142.49	293.98	78.38	161.88	287.88	218.78	232.86	PHASE
603	22.98	43.38	585	9.78	11.36	9.62	7.24	1.97	18.19	15.39	4.88	AMP
				283.38	143.17	281.67	59.12	258.79	169.58	175.94	285.51	PHASE
604	23.88	47.23	584	13.36	15.18	13.48	18.19	2.74	12.25	19.58	4.53	AMP
				311.76	158.81	288.56	71.54	285.95	198.96	198.82	221.85	PHASE
605	23.18	56.44	585	19.89	16.94	17.37	12.56	3.39	13.88	21.52	5.84	AMP
				324.74	163.15	272.78	65.39	286.67	287.93	194.88	286.85	PHASE
606	22.96	66.76	585	24.58	18.94	21.87	14.77	2.45	14.16	21.44	5.81	AMP
				328.62	164.65	266.93	58.86	284.17	284.66	182.28	193.42	PHASE
607	22.46	77.72	584	31.22	19.82	23.71	16.26	2.77	15.98	28.23	5.91	AMP
				334.34	168.98	268.95	68.68	277.67	214.54	186.48	198.94	PHASE
608	22.16	38.17	588	5.37	8.82	6.97	6.79	1.22	3.29	9.86	1.25	AMP
				283.88	149.71	283.51	61.48	326.58	144.28	169.83	182.17	PHASE
609	23.24	39.48	586	9.23	11.39	18.14	18.82	2.82	5.61	12.34	1.84	AMP
				319.96	159.87	263.85	48.31	266.46	178.68	157.57	156.85	PHASE
610	24.28	61.87	584	18.26	14.56	16.58	13.58	3.82	5.25	13.58	3.57	AMP
				347.78	172.96	266.29	62.28	286.26	258.13	187.55	213.36	PHASE
611	24.49	78.88	583	24.38	15.25	28.27	15.28	2.36	5.93	11.61	4.18	AMP
				358.87	178.75	262.67	62.38	266.61	258.26	192.22	288.65	PHASE
612	24.79	88.17	585	35.62	16.52	25.89	17.64	2.82	4.19	18.31	4.74	AMP
				352.46	184.64	261.55	59.68	235.82	248.25	179.51	193.56	PHASE
613	24.51	97.87	584	48.53	18.14	28.25	19.19	3.21	3.63	18.83	5.86	AMP
				355.74	189.56	264.86	62.38	233.19	273.15	176.42	218.88	PHASE

TABLE VIII.- Continued

(e) Continued

TORSION 36 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
597	3.42	18.22	584	4.61	3.48	167.64	1.74	1.82	1.23	.77	1.48	AMP
				384.83	133.26	167.29	327.63	58.31	158.13	18.81	117.86	PHASE
598	1.74	18.21	584	4.42	3.16	198.69	1.95	2.12	1.26	.61	1.51	AMP
				317.81	139.12	198.72	318.41	61.12	166.99	26.23	128.67	PHASE
600	-5.7	18.39	584	4.51	2.98	198.98	1.96	2.88	1.84	.74	1.59	AMP
				338.66	137.98	198.42	296.82	45.34	144.25	4.58	99.77	PHASE
601	-2.65	11.15	584	5.13	2.99	1.26	2.85	2.89	.73	.66	1.54	AMP
				343.68	141.92	211.87	293.34	53.95	152.76	11.64	182.27	PHASE
602	2.67	8.57	584	3.88	2.85	.35	1.54	1.73	.91	.65	1.85	AMP
				297.89	121.17	254.14	315.79	41.26	139.84	351.26	112.34	PHASE
603	1.13	7.88	585	3.59	2.32	2.49	1.56	1.95	.88	.54	.91	AMP
				387.64	119.59	243.12	295.12	21.98	119.33	338.72	94.58	PHASE
604	-86	7.74	584	3.58	2.87	2.84	1.63	2.13	.97	.46	1.88	AMP
				328.29	133.88	255.34	297.45	41.47	131.71	2.61	124.33	PHASE
605	-2.72	8.38	585	3.86	1.87	1.86	1.56	2.17	.85	.69	.91	AMP
				342.85	148.84	248.21	298.67	39.85	126.53	341.17	185.45	PHASE
606	-4.38	8.93	585	4.27	1.85	1.34	1.63	2.16	.98	.75	1.83	AMP
				358.79	147.85	239.48	283.81	32.88	117.37	314.27	74.45	PHASE
607	-5.38	9.86	584	4.77	1.94	1.45	1.78	2.15	.93	.69	1.18	AMP
				357.51	151.84	248.64	287.33	38.18	127.25	388.71	66.51	PHASE
608	.56	6.86	588	3.83	1.43	1.72	1.26	1.68	.62	.29	.53	AMP
				382.11	115.68	277.77	298.43	6.47	114.75	346.48	93.63	PHASE
609	-1.19	6.31	586	2.94	1.18	1.93	1.22	1.98	.76	.23	.55	AMP
				328.18	127.16	258.97	286.72	4.81	112.69	328.64	84.74	PHASE
610	-3.33	7.86	584	3.41	1.23	1.13	1.31	1.88	.79	.51	.58	AMP
				345.29	151.26	261.33	299.71	23.93	132.49	316.99	94.35	PHASE
611	-4.89	7.31	583	3.95	1.32	1.25	1.42	1.77	.82	.44	.67	AMP
				355.38	165.46	256.29	296.59	22.66	137.33	311.23	75.42	PHASE
612	-6.98	9.11	585	4.97	1.59	1.54	1.42	1.78	.91	.57	.88	AMP
				4.78	173.23	245.36	289.48	27.39	147.53	299.33	57.87	PHASE
613	-7.84	18.85	584	5.51	1.79	1.73	1.39	1.82	.97	.61	.84	AMP
				8.98	178.18	248.37	295.86	33.72	152.56	387.88	58.36	PHASE

TABLE VIII.- Continued

(e) Continued

FLAPWISE 51 PERCENT RADIUS												
RUN NO 18												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
597	5.48	53.25	584	24.85	19.78	13.38	1.95	4.76	2.55	2.22	7.87	AMP
				141.37	338.63	63.61	18.41	388.58	185.97	57.53	281.92	PHASE
598	7.87	54.41	584	25.97	28.25	13.83	1.85	4.81	2.64	2.12	7.88	AMP
				142.51	339.86	63.84	22.62	383.72	187.25	53.28	286.21	PHASE
600	8.88	54.87	584	27.56	28.58	14.85	1.86	4.61	2.28	1.79	7.99	AMP
				139.58	338.42	58.86	7.33	283.98	166.77	23.15	251.98	PHASE
601	18.43	54.79	584	28.93	28.78	15.16	1.88	4.23	2.14	1.61	7.48	AMP
				139.67	329.58	47.45	18.78	283.16	178.77	19.18	248.88	PHASE
602	7.56	44.83	584	22.17	17.56	11.21	1.77	3.85	1.71	1.58	5.15	AMP
				148.96	341.85	68.75	3.44	292.49	173.28	62.76	277.89	PHASE
603	9.68	42.69	585	22.53	17.21	11.56	1.82	3.69	1.58	1.46	4.15	AMP
				137.23	334.37	46.36	351.59	274.52	142.48	48.54	251.36	PHASE
604	11.34	45.15	584	24.16	18.86	12.61	1.83	3.95	1.66	1.29	4.59	AMP
				148.43	348.17	51.66	4.79	288.18	158.62	51.18	271.91	PHASE
605	13.16	44.17	585	24.88	17.85	13.19	1.98	3.76	1.54	.92	3.79	AMP
				139.48	337.68	46.94	359.22	288.58	152.85	48.38	257.82	PHASE
606	14.81	44.85	585	25.81	18.18	13.79	1.86	3.57	1.53	.89	3.88	AMP
				136.92	333.77	48.18	349.88	267.24	138.21	18.87	237.18	PHASE
607	15.82	45.39	584	26.41	18.37	13.96	1.63	3.42	1.48	.73	3.98	AMP
				137.18	333.52	39.68	348.49	266.35	143.56	12.62	235.52	PHASE
608	11.88	33.88	588	19.41	14.11	8.15	1.38	2.71	1.88	.88	1.68	AMP
				138.45	338.27	41.53	319.87	278.25	145.85	58.87	238.75	PHASE
609	13.55	34.23	586	28.55	14.63	9.28	1.22	2.88	1.15	.64	1.51	AMP
				136.76	335.11	35.93	314.88	268.64	138.66	46.17	238.75	PHASE
610	15.36	37.19	584	22.31	15.63	11.88	1.22	2.86	1.26	.45	1.71	AMP
				139.67	339.75	42.99	316.78	268.82	144.77	56.82	249.64	PHASE
611	17.14	37.28	583	22.91	15.42	11.58	1.18	2.65	1.13	.31	1.87	AMP
				139.16	339.33	48.85	384.87	266.48	148.66	43.21	237.68	PHASE
612	19.28	38.88	585	23.97	15.66	12.45	1.86	2.68	.99	.99	2.18	AMP
				138.68	337.74	37.86	386.11	265.24	148.42	354.98	238.19	PHASE
613	19.87	48.87	584	24.92	16.41	12.87	1.84	2.56	.99	.34	2.85	AMP
				139.17	339.23	48.21	385.14	266.51	151.52	335.16	231.64	PHASE

CHORDWISE 51 PERCENT RADIUS												
RUN NO 18												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
597	4.81	47.78	584	12.54	8.43	4.22	4.86	2.25	9.63	19.84	8.14	AMP
				285.82	147.38	297.98	84.85	178.29	289.58	197.58	267.71	PHASE
598	3.92	51.63	584	15.84	11.72	7.71	7.13	1.71	18.62	24.84	8.67	AMP
				295.68	153.64	387.81	89.83	253.86	287.43	218.65	275.14	PHASE
600	2.72	67.72	584	28.88	15.17	11.88	18.52	2.83	21.11	28.75	8.88	AMP
				385.88	152.73	298.54	74.56	234.52	187.78	187.56	239.21	PHASE
601	.78	77.25	584	26.21	17.86	14.87	14.85	2.35	23.98	29.41	8.46	AMP
				316.52	157.27	298.82	72.86	298.35	288.41	288.18	229.66	PHASE
602	3.64	48.27	584	9.31	8.55	5.85	5.77	.58	8.82	15.85	4.48	AMP
				292.72	149.73	383.22	82.79	229.86	215.31	214.82	254.98	PHASE
603	3.24	42.98	585	11.36	18.76	7.31	7.68	2.68	18.27	17.76	4.44	AMP
				295.27	148.23	292.18	63.79	253.35	175.18	188.31	223.89	PHASE
604	3.83	49.98	584	15.49	13.95	18.31	18.91	3.51	12.76	22.46	4.67	AMP
				312.23	161.72	292.48	75.91	283.75	285.96	282.25	238.44	PHASE
605	2.68	59.24	585	28.14	15.28	13.28	13.48	4.18	13.88	24.77	5.27	AMP
				319.74	165.11	284.89	68.21	281.55	215.68	198.24	217.25	PHASE
606	1.89	66.67	585	24.72	16.72	16.31	16.88	3.16	15.52	24.59	6.38	AMP
				321.85	165.83	279.64	68.38	271.58	212.68	186.81	281.76	PHASE
607	1.21	76.78	584	29.62	17.42	18.77	17.82	3.45	17.83	23.85	6.67	AMP
				327.16	169.19	281.37	61.57	266.85	221.95	191.14	198.32	PHASE
608	2.28	32.84	588	7.28	7.76	5.26	7.27	1.67	3.87	18.48	1.15	AMP
				299.14	157.39	296.36	63.78	297.97	144.98	175.68	285.24	PHASE
609	2.68	39.51	586	18.98	18.63	7.59	18.58	3.57	5.68	13.98	1.64	AMP
				315.98	163.46	276.26	51.78	263.87	175.75	162.83	163.23	PHASE
610	2.97	63.29	584	17.63	13.33	12.48	14.15	3.64	6.38	15.55	3.95	AMP
				336.56	175.82	278.23	64.17	278.91	263.82	192.94	228.48	PHASE
611	2.68	78.52	583	22.23	13.92	15.39	16.87	3.82	7.21	13.36	4.75	AMP
				339.76	179.58	274.46	63.88	268.77	263.58	198.15	213.42	PHASE
612	1.88	88.86	585	38.86	14.88	19.33	18.97	2.82	5.64	11.52	5.58	AMP
				342.87	183.98	273.52	68.62	232.88	255.51	186.15	199.74	PHASE
613	1.38	88.27	584	34.57	16.17	22.83	28.61	3.92	5.34	11.87	5.98	AMP
				344.83	188.47	276.67	63.88	233.12	274.94	182.84	212.49	PHASE

TABLE VIII.- Continued

(e) Continued

TORSION 5% PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
597	4.24	18.97	584	4.49	3.67	.66	1.75	1.61	1.32	.82	1.55	AMP
				387.59	137.46	199.56	354.87	78.56	182.85	45.88	184.39	PHASE
598	2.61	18.76	584	4.33	3.35	.78	1.79	1.84	1.37	.67	1.71	AMP
				328.74	142.58	217.38	348.51	87.85	198.94	58.87	194.64	PHASE
600	.38	18.27	584	4.33	3.11	.94	1.65	1.78	1.18	.75	1.85	AMP
				335.26	141.68	217.24	326.42	78.47	178.65	48.42	164.11	PHASE
601	-1.61	18.34	584	4.87	3.85	1.21	1.61	1.78	1.82	.68	1.88	AMP
				348.57	146.68	222.31	328.48	78.42	191.89	44.55	164.88	PHASE
602	3.51	9.87	584	3.78	3.28	.29	1.51	1.64	1.88	.65	1.11	AMP
				383.11	125.57	269.33	343.84	68.52	174.47	32.75	177.68	PHASE
603	2.81	8.29	585	3.41	2.65	.38	1.44	1.84	.96	.55	1.82	AMP
				313.58	123.16	256.83	324.68	48.33	153.88	16.14	159.26	PHASE
604	.87	7.94	584	3.44	2.36	.66	1.48	1.99	1.81	.44	1.22	AMP
				334.89	136.48	262.88	327.63	66.68	167.34	44.68	186.85	PHASE
605	-1.72	8.31	585	3.78	2.89	.81	1.25	2.83	.89	.65	.98	AMP
				349.58	143.68	252.29	328.28	64.98	162.93	22.55	164.67	PHASE
606	-3.32	9.31	585	4.15	2.82	1.84	1.26	2.86	.98	.73	1.85	AMP
				358.61	158.38	242.86	312.46	55.84	152.93	353.19	138.33	PHASE
607	-4.26	9.69	584	4.68	2.11	1.13	1.41	2.88	.96	.69	1.89	AMP
				5.87	155.33	243.87	315.56	61.52	164.23	346.74	119.48	PHASE
608	1.45	6.86	588	2.88	1.77	.52	1.28	1.68	.64	.34	.63	AMP
				311.58	115.63	293.54	329.88	34.77	147.34	31.19	149.93	PHASE
609	-.24	6.44	586	2.88	1.41	.68	1.89	1.84	.79	.24	.68	AMP
				338.75	125.38	268.72	317.12	38.63	147.48	3.52	141.81	PHASE
610	-2.38	7.37	584	3.35	1.35	.83	1.11	1.85	.81	.58	.59	AMP
				365.53	151.51	265.47	328.83	49.86	167.48	358.96	145.66	PHASE
611	-3.81	7.66	583	3.88	1.38	.92	1.18	1.79	.84	.45	.68	AMP
				5.22	167.77	258.36	323.37	46.55	171.93	343.24	125.31	PHASE
612	-5.88	9.81	585	4.91	1.67	1.21	1.21	1.84	.93	.63	.81	AMP
				14.27	178.67	247.48	317.34	58.38	188.98	332.31	184.32	PHASE
613	-6.64	18.16	584	5.48	1.86	1.36	1.21	1.87	1.88	.67	.89	AMP
				18.84	184.23	249.84	323.55	56.76	186.47	338.61	184.58	PHASE

TABLE VIII.- Continued

(e) Continued

FLAPWISE 77 PERCENT RADIUS												
RUN NO 18												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
597	-1.81	49.85	584	28.85	17.93	11.81	6.75	6.46	3.88	2.35	9.61	AMP
				132.65	335.18	38.55	189.96	328.97	25.77	271.67	182.65	PHASE
598	-7.52	51.37	584	28.37	18.45	11.34	6.59	6.56	2.87	2.13	9.68	AMP
				136.37	337.23	39.88	191.77	338.86	28.13	265.38	186.93	PHASE
599	-4.28	52.89	584	28.62	18.92	12.36	5.81	5.75	2.68	1.68	9.79	AMP
				137.26	338.11	28.96	176.15	312.45	8.85	254.81	78.75	PHASE
601	-1.31	53.31	584	29.68	19.48	12.55	5.18	5.25	2.12	1.41	9.81	AMP
				148.23	331.28	27.75	171.12	313.65	365.48	256.13	65.92	PHASE
602	-7.67	43.88	584	25.28	16.45	8.82	5.33	6.46	1.58	1.93	6.78	AMP
				132.39	334.47	35.78	186.28	298.85	358.98	258.29	99.37	PHASE
603	-5.17	41.82	585	24.89	16.25	8.23	5.87	6.73	1.48	1.88	5.44	AMP
				131.91	329.25	28.88	172.28	282.14	319.56	234.87	72.55	PHASE
604	-2.31	45.71	584	25.68	17.82	9.13	5.32	6.63	1.41	1.45	6.88	AMP
				138.18	336.82	28.67	188.41	294.94	338.31	244.69	93.17	PHASE
605	.52	45.25	585	25.78	17.38	9.68	4.59	6.59	1.56	.99	5.12	AMP
				148.11	336.89	23.85	172.33	298.35	328.81	239.94	77.98	PHASE
606	3.11	46.67	585	26.29	17.96	18.88	4.28	6.67	1.54	.88	5.23	AMP
				148.42	333.36	16.98	168.19	275.15	386.27	214.85	56.69	PHASE
607	4.68	48.25	584	24.26	18.59	18.12	4.14	6.65	1.23	.71	5.24	AMP
				142.24	333.69	15.79	159.73	273.84	387.98	282.18	55.15	PHASE
608	-2.87	35.24	588	22.53	13.41	5.32	4.58	6.57	.34	.96	2.87	AMP
				133.32	333.38	18.57	183.63	265.86	383.19	238.32	68.48	PHASE
609	-.48	36.56	586	23.85	14.88	6.19	4.64	6.55	.55	.69	2.83	AMP
				134.81	332.78	8.17	174.15	256.18	268.58	217.91	53.82	PHASE
610	2.61	48.48	584	23.95	15.23	7.53	4.56	6.72	.67	.38	2.27	AMP
				141.23	339.21	19.81	179.84	266.32	319.85	222.89	71.28	PHASE
611	5.22	48.71	583	24.26	15.42	8.86	4.42	6.58	.51	.23	2.52	AMP
				143.39	339.92	17.42	175.13	258.47	352.82	161.79	58.63	PHASE
612	8.47	42.46	585	25.17	16.31	8.75	4.15	6.45	.46	.68	2.84	AMP
				145.76	339.98	16.54	163.51	257.71	8.31	139.14	49.59	PHASE
613	9.65	44.52	584	26.82	17.28	9.11	4.19	6.58	.64	.58	2.73	AMP
				147.72	342.18	19.83	165.44	268.18	18.47	123.84	58.38	PHASE

CHORDWISE 77 PERCENT RADIUS												
RUN NO 18												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
597	-15.49	28.88	584	7.72	5.58	5.71	2.48	2.74	2.71	8.26	1.88	AMP
				158.59	336.89	35.61	158.21	294.53	289.97	196.58	248.71	PHASE
598	-15.85	32.64	584	6.84	4.86	6.33	3.38	3.71	6.38	18.51	1.83	AMP
				157.82	337.42	27.82	128.49	382.34	282.72	289.88	257.33	PHASE
600	-13.83	34.81	584	5.12	4.15	7.44	4.52	3.69	7.52	12.19	.43	AMP
				163.95	325.96	18.91	98.12	277.98	184.88	185.67	227.89	PHASE
601	-12.23	38.49	584	3.33	3.98	8.38	5.12	4.84	9.17	12.48	.84	AMP
				174.35	323.46	4.87	87.43	287.88	287.88	198.79	215.39	PHASE
602	-13.31	24.48	584	7.23	4.78	4.64	2.43	3.47	3.19	7.85	.59	AMP
				143.93	334.62	27.73	126.86	287.78	222.96	211.46	153.81	PHASE
603	-14.29	25.81	585	6.38	3.99	5.12	2.92	4.48	3.53	8.85	.65	AMP
				145.57	328.14	6.88	94.31	267.65	177.95	178.79	158.92	PHASE
604	-14.28	34.87	584	4.98	3.55	5.72	4.39	5.88	4.74	18.81	.91	AMP
				153.84	338.89	6.88	95.19	283.54	218.84	198.94	147.54	PHASE
605	-12.91	32.97	585	3.17	3.88	6.38	5.58	5.33	5.53	18.82	1.29	AMP
				159.76	325.84	35.11	88.33	278.28	221.64	194.45	153.34	PHASE
606	-11.26	36.18	585	7.75	3.43	7.26	6.63	5.82	6.57	18.69	1.42	AMP
				178.49	328.17	34.52	68.88	264.91	218.82	183.11	152.25	PHASE
607	-18.17	38.28	584	.76	3.65	7.97	7.21	5.18	7.77	9.94	1.72	AMP
				236.74	317.71	34.99	69.81	263.22	224.52	187.11	158.54	PHASE
608	-12.18	18.83	588	6.46	3.53	3.89	2.26	3.93	.85	4.78	.33	AMP
				142.23	326.68	1.84	92.67	266.18	146.88	173.38	69.21	PHASE
609	-13.21	24.74	586	5.15	3.88	4.13	3.42	4.81	2.18	6.13	.75	AMP
				142.22	319.63	35.27	69.51	253.14	188.61	159.52	88.68	PHASE
610	-13.11	24.28	584	3.12	3.15	5.28	5.81	4.96	3.86	6.88	.98	AMP
				138.56	321.54	34.24	76.33	264.82	267.75	188.72	187.26	PHASE
611	-11.82	24.91	583	1.53	3.31	5.84	5.95	4.69	3.44	5.79	1.27	AMP
				138.39	328.52	339.97	73.71	254.78	264.84	193.12	185.16	PHASE
612	-18.16	38.64	585	1.38	3.86	7.85	7.58	4.54	2.86	5.83	1.66	AMP
				346.85	317.66	333.48	67.67	246.53	258.72	188.63	169.19	PHASE
613	-9.35	31.76	584	2.24	4.24	7.86	8.16	5.88	2.93	5.82	1.72	AMP
				341.62	315.78	332.57	69.82	246.72	276.16	176.96	188.86	PHASE

TABLE VIII.- Continued

(e) Concluded

TORSION 75 PERCENT RADIUS												
RUN NO 18												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
597	1.44	10.36	584	4.36	4.86	.75	1.31	1.12	1.16	.78	.92	AMP
				291.33	129.41	247.59	16.22	59.95	203.07	89.00	235.93	PHASE
598	.08	10.79	584	3.93	3.78	.81	1.24	1.11	1.25	.73	1.09	AMP
				303.04	135.37	255.11	18.82	61.66	210.68	93.82	238.92	PHASE
600	-1.81	10.13	584	3.50	3.54	.94	1.02	1.07	1.05	.78	1.22	AMP
				318.03	135.08	241.20	6.17	38.50	190.68	70.13	200.63	PHASE
601	-3.42	10.10	584	3.47	3.43	1.00	.80	1.99	.87	.78	1.30	AMP
				335.61	143.23	234.40	5.71	38.46	193.69	67.83	193.62	PHASE
602	.91	8.34	584	3.77	3.58	.54	1.14	1.06	.87	.55	.62	AMP
				205.13	124.09	275.70	4.22	50.34	189.59	83.21	229.32	PHASE
603	-.40	7.97	585	3.17	3.12	.50	1.17	1.13	.81	.58	.52	AMP
				292.65	122.62	262.24	350.53	28.94	159.84	58.48	204.13	PHASE
604	-2.06	7.66	584	2.77	2.85	.65	1.05	1.20	.83	.55	.69	AMP
				314.45	136.83	262.39	2.21	42.37	175.94	87.74	225.30	PHASE
605	-3.58	7.56	585	2.67	2.63	.69	.89	1.20	.75	.56	.44	AMP
				332.88	145.07	240.84	.40	39.50	164.84	64.70	200.21	PHASE
606	-4.90	7.53	585	2.87	2.61	.78	.83	1.24	.74	.55	.36	AMP
				347.14	150.81	226.06	348.62	29.66	147.28	34.53	159.44	PHASE
607	-5.64	7.33	584	3.22	2.70	.74	.80	1.24	.75	.50	.32	AMP
				356.73	156.79	220.82	346.04	33.52	153.00	34.94	148.16	PHASE
608	-.76	5.62	588	2.69	2.19	.48	1.04	1.05	.46	.32	.23	AMP
				289.88	121.51	278.83	344.05	23.33	156.12	51.44	170.77	PHASE
609	-2.21	5.70	586	2.27	1.92	.54	.95	1.13	.61	.21	.21	AMP
				303.18	132.73	251.97	338.73	15.91	143.46	42.24	172.53	PHASE
610	-4.00	6.35	584	2.36	1.96	.65	.80	1.18	.62	.24	.13	AMP
				340.67	156.25	243.91	349.07	33.37	154.22	24.74	146.80	PHASE
611	-5.25	6.09	583	2.69	2.02	.69	.85	1.18	.61	.21	.21	AMP
				356.99	169.59	231.91	341.15	29.17	155.93	15.85	131.94	PHASE
612	-6.91	7.19	585	3.51	2.37	.83	.80	1.18	.62	.31	.27	AMP
				11.65	177.93	217.30	332.68	29.42	150.69	337.15	105.59	PHASE
613	-7.61	7.91	584	3.98	2.58	.88	.79	1.19	.67	.35	.32	AMP
				17.08	102.31	217.34	338.31	35.82	162.41	336.25	95.72	PHASE

PITCH LINK												
RUN NO 18												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
597	-3.94	12.00	584	3.16	2.26	1.06	2.65	2.72	1.47	.11	2.86	AMP
				138.75	2.02	239.66	173.43	271.57	2.43	213.97	300.66	PHASE
598	-2.33	12.48	584	2.27	2.13	.92	3.07	3.38	1.52	.06	2.79	AMP
				166.23	17.98	224.21	165.22	201.66	22.18	15.36	309.62	PHASE
600	-.36	15.01	584	3.10	2.36	.73	3.16	3.31	1.30	.28	2.92	AMP
				183.71	16.96	180.37	141.67	263.70	355.17	279.02	274.16	PHASE
601	1.51	15.72	584	4.31	2.71	1.01	3.23	3.21	1.02	.37	2.72	AMP
				194.42	22.50	153.73	138.98	269.72	.31	300.46	273.60	PHASE
602	-2.89	9.50	584	1.77	1.29	1.50	2.10	2.45	.99	.47	2.05	AMP
				105.20	5.64	193.38	165.23	260.29	347.17	147.68	301.79	PHASE
603	-1.47	8.78	585	1.09	1.30	1.56	2.23	2.85	.99	.36	1.60	AMP
				139.05	24.38	170.88	144.77	237.96	329.36	96.34	201.07	PHASE
604	.19	10.01	584	1.62	1.59	1.69	2.43	3.12	1.15	.14	1.72	AMP
				107.26	41.91	166.07	144.23	256.48	339.38	78.02	302.59	PHASE
605	1.85	11.84	585	2.49	1.88	1.84	2.42	3.22	.89	.31	1.57	AMP
				208.02	45.36	151.00	137.93	255.70	343.31	177.13	205.93	PHASE
606	3.26	11.00	585	3.49	2.36	2.03	2.54	3.22	.95	.41	1.83	AMP
				216.57	44.07	133.58	131.26	246.54	339.63	149.86	266.62	PHASE
607	4.15	12.79	584	4.35	2.53	2.29	2.74	3.31	.98	.32	2.08	AMP
				226.24	46.37	123.92	136.91	250.32	348.33	119.73	264.85	PHASE
608	-.50	7.52	588	.78	1.15	2.00	1.61	2.42	.70	.25	.76	AMP
				36.37	55.91	160.91	146.77	221.71	320.95	49.21	204.62	PHASE
609	1.02	9.45	586	.51	1.57	2.06	1.70	2.97	.87	.26	.79	AMP
				246.28	56.76	142.75	133.02	217.57	330.07	44.88	279.33	PHASE
610	2.78	9.89	584	1.93	1.99	2.30	1.94	2.93	.86	.28	1.96	AMP
				232.35	62.02	142.07	147.30	234.64	357.92	130.75	289.66	PHASE
611	4.16	10.09	583	3.29	2.39	2.39	2.00	2.72	.94	.19	1.16	AMP
				232.29	61.62	130.28	147.02	232.66	359.29	103.45	275.48	PHASE
612	6.01	12.15	585	5.21	2.66	2.68	2.19	2.83	1.13	.23	1.45	AMP
				231.00	56.75	111.86	143.10	235.93	4.24	131.40	262.21	PHASE
613	6.69	13.54	584	6.04	2.96	3.04	2.22	2.80	1.25	.30	1.50	AMP
				231.05	57.46	109.11	149.36	239.55	7.31	174.20	264.76	PHASE

TABLE VIII.- Continued

(f) $\mu = 0.40$; $M_T = 0.65$

PT.	A1	B1	THETA	CL/SIGMA	CU/SIGMA	CV/SIGMA
653	.1	2.7	1.9	.01955	.00271	.00139
654	-.0	4.0	3.9	.03411	.00252	.00152
655	-.5	5.4	5.9	.04652	.00223	.00164
656	-.8	5.9	6.9	.05336	.00207	.00204
657	-1.1	6.4	7.8	.05972	.00188	.00225
658	-1.5	7.1	8.9	.06577	.00169	.00262
659	.7	2.6	3.8	.01228	.00171	.00171
660	-.1	3.9	5.9	.02463	.00031	.00221
661	-.5	5.2	7.8	.03549	.00095	.00287
662	-1.1	6.4	9.8	.04927	.00247	.00361
663	-1.6	7.8	11.9	.06120	.00398	.00458
664	-1.9	8.1	12.8	.06756	.00457	.00498
665	-2.4	8.8	13.8	.07253	.00542	.00556
666	.8	2.8	5.9	.00581	.00255	.00137
667	.0	4.4	7.9	.01452	.00057	.00215
668	-.4	5.8	9.8	.02518	.00169	.00322
669	-1.0	6.7	11.8	.03941	.00449	.00435
670	-1.5	7.5	13.8	.05252	.00697	.00560
671	-2.3	8.8	16.0	.06555	.00980	.00709
672	-2.7	9.2	16.9	.07184	.01116	.00790
673	.6	4.5	9.8	.00812	.00164	.00177
674	-.6	5.5	11.8	.01915	.00157	.00305
675	-1.1	6.8	13.8	.03112	.00518	.00453
676	-1.6	8.1	15.9	.04529	.00905	.00637
677	-2.2	8.9	17.8	.05445	.01241	.00805
678	-2.6	9.4	18.8	.06242	.01463	.00918

TABLE VIII.- Continued

(f) Continued

FLAPWISE 25 PERCENT RADIUS												
PT NO	RUN NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
653	39.77	38.85	615	13.46	18.65	11.34	6.97	9.88	2.69	3.86	6.82	AMP
				154.28	331.55	78.74	3.86	123.65	7.86	243.13	85.11	PHASE
654	41.48	37.89	615	14.87	18.69	11.18	7.19	9.69	2.58	2.51	5.99	AMP
				149.89	321.22	53.32	343.58	181.57	338.52	284.75	49.86	PHASE
655	42.83	38.79	615	14.53	18.68	18.75	7.38	9.98	2.75	2.34	5.98	AMP
				158.81	326.87	57.19	352.38	116.68	346.98	218.93	63.66	PHASE
656	43.53	39.19	614	14.78	18.54	18.43	7.11	9.76	2.67	2.89	5.48	AMP
				158.48	329.54	59.73	356.59	127.99	357.42	218.35	71.92	PHASE
657	44.33	37.74	615	14.55	18.37	9.98	6.88	9.62	2.71	1.85	4.87	AMP
				143.73	316.42	48.14	338.13	97.64	324.99	175.87	21.78	PHASE
658	45.85	37.53	615	14.78	18.38	9.78	6.96	9.42	2.71	1.68	4.54	AMP
				142.21	317.18	36.68	326.48	188.59	325.45	167.65	18.95	PHASE
659	48.88	27.31	617	12.38	8.66	8.28	4.54	8.52	2.88	2.86	3.17	AMP
				155.18	329.58	45.38	343.34	81.87	333.97	239.19	38.23	PHASE
668	41.66	28.86	616	12.58	8.66	8.42	4.94	8.33	2.45	1.83	3.18	AMP
				158.53	324.33	38.82	325.55	78.71	314.13	216.81	18.85	PHASE
661	43.15	28.89	616	12.98	8.95	8.48	5.86	8.64	2.66	1.72	2.63	AMP
				153.55	335.89	48.71	344.58	96.26	337.83	251.38	53.28	PHASE
662	44.68	28.38	616	13.88	8.98	8.41	5.26	8.54	2.79	1.58	2.31	AMP
				146.37	327.18	25.38	327.49	76.98	313.73	221.87	28.43	PHASE
663	46.32	28.22	616	13.27	8.76	8.88	5.25	8.29	3.83	1.38	2.17	AMP
				139.11	322.19	18.57	318.76	61.85	388.28	196.69	342.84	PHASE
664	47.89	29.86	617	13.35	8.85	8.88	5.29	8.33	2.91	1.28	2.17	AMP
				148.66	328.35	18.93	328.48	88.25	323.28	212.81	8.61	PHASE
665	47.79	28.43	615	13.34	9.88	7.64	5.85	8.31	3.15	1.13	2.18	AMP
				139.28	329.94	16.81	328.92	81.99	327.97	218.68	3.68	PHASE
666	48.42	22.81	616	11.88	7.23	4.75	2.81	6.89	1.79	1.51	1.62	AMP
				158.95	332.26	38.85	347.93	69.87	328.69	248.38	22.55	PHASE
667	41.96	22.52	616	11.22	7.37	4.89	3.18	6.68	1.65	1.48	1.39	AMP
				159.52	343.13	35.84	3.81	93.14	345.86	269.62	57.92	PHASE
668	43.58	22.67	616	11.35	7.32	5.28	3.71	6.78	1.65	1.82	1.35	AMP
				153.51	338.81	24.72	351.57	78.78	322.41	246.58	42.62	PHASE
669	45.33	22.62	616	11.39	7.43	5.62	4.15	7.87	1.98	1.18	1.46	AMP
				144.88	329.91	8.35	329.18	53.89	297.74	288.68	352.38	PHASE
678	46.96	23.81	616	11.44	7.79	5.68	4.37	6.68	2.85	1.18	1.63	AMP
				145.29	341.82	17.84	347.38	78.25	325.49	224.88	17.37	PHASE
671	48.75	22.98	616	11.53	7.96	5.48	4.68	6.68	2.88	.98	1.66	AMP
				133.18	333.85	354.18	323.58	58.45	297.87	188.12	343.41	PHASE
672	49.63	23.84	616	11.43	7.96	5.43	4.69	6.83	1.93	.76	1.88	AMP
				138.64	338.88	355.12	328.67	66.54	311.79	198.25	354.83	PHASE
673	42.47	19.23	616	18.39	6.38	3.56	2.33	4.48	.78	.68	.84	AMP
				157.25	332.84	1.95	347.97	66.88	381.33	235.31	355.76	PHASE
674	44.12	18.58	616	9.94	6.44	3.82	2.86	4.49	.88	.48	.63	AMP
				154.32	337.37	7.88	351.61	73.76	297.59	258.63	27.49	PHASE
675	45.85	18.68	615	10.22	6.55	3.95	3.22	4.88	1.82	.46	.47	AMP
				151.16	344.19	13.25	.31	81.58	327.88	226.61	2.75	PHASE
676	47.78	19.16	616	18.39	6.75	3.98	3.78	5.17	.87	.59	.51	AMP
				136.34	332.89	346.13	329.26	48.71	295.18	187.12	328.78	PHASE
677	49.31	19.86	616	18.58	7.88	3.92	4.17	5.38	.87	.56	.61	AMP
				129.42	337.36	343.38	334.68	59.98	293.88	179.65	348.28	PHASE
678	58.24	19.43	616	18.63	7.16	3.97	4.49	5.41	.78	.47	1.82	AMP
				121.82	333.61	331.94	324.83	52.76	285.28	162.31	344.19	PHASE



TABLE VIII.- Continued

(f) Continued

CHORDWISE 25 PERCENT RADIUS													
PT NO	RUN NO		RPM										
	MEAN	1/2 P-P		1P	2P	3P	4P	5P	6P	7P	8P		
653	53.89	55.99	615	13.85	18.37	7.65	4.38	4.26	13.98	9.56	3.21	AMP	
				269.78	146.71	283.67	94.82	85.29	136.79	154.18	143.48	PHASE	
654	51.51	64.68	615	17.88	15.96	12.46	4.72	3.46	28.88	12.98	2.59	AMP	
				284.48	143.76	276.74	66.99	51.31	112.38	121.83	133.71	PHASE	
655	49.86	72.13	615	21.31	21.84	16.85	6.36	2.86	23.12	15.64	2.72	AMP	
				384.65	153.97	279.12	78.88	38.54	138.18	143.12	154.44	PHASE	
656	48.96	79.23	614	24.33	23.68	19.17	7.68	2.79	23.94	15.97	2.37	AMP	
				315.33	159.71	282.82	76.16	28.98	153.81	157.95	167.65	PHASE	
657	48.87	79.55	615	27.48	25.49	21.47	8.24	2.79	23.52	16.45	2.88	AMP	
				316.28	158.52	262.53	48.33	335.44	124.86	121.25	132.69	PHASE	
658	47.29	84.82	615	31.98	27.58	24.83	8.97	3.51	25.42	17.55	2.98	AMP	
				323.48	153.18	261.99	46.93	325.41	132.81	124.98	143.12	PHASE	
659	51.83	44.78	617	11.26	18.77	9.84	5.52	2.54	18.86	6.65	1.92	AMP	
				268.67	137.65	269.32	75.32	4.88	121.91	119.43	128.26	PHASE	
660	51.28	52.85	616	12.78	15.54	13.16	6.86	1.44	11.91	8.19	1.94	AMP	
				283.54	139.57	259.28	58.33	317.71	188.73	99.21	98.74	PHASE	
661	51.88	62.58	616	16.94	19.41	17.34	8.49	3.41	11.96	9.48	2.88	AMP	
				313.74	156.64	269.88	66.98	313.92	146.11	134.16	153.25	PHASE	
662	52.12	71.88	616	23.48	23.46	22.62	11.88	5.23	12.53	11.13	2.38	AMP	
				325.93	153.98	254.53	51.82	291.89	136.88	118.36	145.12	PHASE	
663	52.18	81.82	616	34.26	26.79	28.33	12.96	4.88	14.48	11.77	2.58	AMP	
				333.64	153.68	245.69	48.97	284.98	132.74	184.83	131.62	PHASE	
664	52.84	86.59	617	38.74	28.19	31.11	13.78	4.31	15.86	11.73	3.83	AMP	
				342.28	162.31	256.33	56.33	298.81	159.86	133.71	162.21	PHASE	
665	51.74	92.72	615	43.86	29.21	34.34	14.59	3.92	15.98	11.94	2.81	AMP	
				344.54	167.78	258.76	58.43	295.92	168.19	138.16	168.23	PHASE	
666	48.88	31.49	616	9.89	7.87	7.88	5.13	2.74	2.72	3.26	1.47	AMP	
				245.33	143.65	268.21	88.73	328.28	92.28	97.97	118.78	PHASE	
667	49.32	33.61	616	8.69	18.82	18.28	5.38	2.11	3.43	3.76	1.11	AMP	
				272.58	168.11	278.84	85.23	318.16	133.77	124.88	157.93	PHASE	
668	51.18	44.52	616	11.91	14.38	13.33	8.87	3.86	6.61	5.12	1.25	AMP	
				389.78	164.73	257.88	51.48	272.53	132.37	111.14	147.85	PHASE	
669	52.95	58.86	616	19.97	18.44	19.92	11.11	4.77	6.86	6.34	1.86	AMP	
				332.65	168.58	238.14	39.16	257.88	154.83	98.75	138.66	PHASE	
670	54.52	79.64	616	31.12	21.14	26.39	13.76	4.98	6.74	6.36	1.64	AMP	
				358.43	176.92	253.88	62.85	267.29	197.26	136.93	181.57	PHASE	
671	55.95	182.81	616	46.47	23.98	34.88	15.83	4.37	5.45	7.22	2.15	AMP	
				351.85	174.84	248.98	42.87	248.67	154.84	186.68	164.92	PHASE	
672	56.28	114.59	616	54.77	24.24	37.73	16.27	5.48	4.24	7.88	2.38	AMP	
				356.55	181.54	247.52	49.21	237.18	162.89	114.95	189.82	PHASE	
673	47.85	26.28	616	6.66	6.87	6.86	3.93	1.91	5.92	2.77	.77	AMP	
				245.56	178.52	248.23	74.31	252.16	48.75	78.86	95.87	PHASE	
674	49.57	35.52	616	7.87	18.82	9.34	5.54	2.62	9.18	3.94	.67	AMP	
				296.45	182.29	241.58	48.19	237.41	188.62	86.31	114.48	PHASE	
675	52.89	49.19	615	14.28	14.86	15.28	9.25	3.86	5.73	4.28	.97	AMP	
				344.88	192.15	246.51	61.58	265.13	167.82	127.87	151.93	PHASE	
676	55.12	75.69	616	29.72	17.95	21.92	11.94	5.62	3.65	3.68	1.27	AMP	
				353.42	185.99	229.36	38.76	228.52	233.91	86.25	143.92	PHASE	
677	57.53	188.22	616	45.85	21.12	28.66	13.63	7.71	4.54	4.29	1.43	AMP	
				.99	196.71	238.26	47.32	224.89	312.99	98.88	187.97	PHASE	
678	58.62	112.98	616	57.72	23.22	33.81	13.86	8.72	4.49	5.85	1.55	AMP	
				2.84	196.76	236.84	37.15	212.16	333.34	88.86	181.68	PHASE	

TABLE VIII.- Continued

(f) Continued

TORSION 28 PERCENT RADIUS											
RUN NO		28									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
653	4.64	12.21	615	5.83	4.33	1.36	2.74	2.38	1.78	.85	1.53 AMP
				298.79	147.87	127.52	344.65	88.86	191.85	47.19	124.88 PHASE
654	2.36	11.95	615	4.29	3.88	1.15	2.77	2.82	1.78	.83	1.37 AMP
				312.88	142.99	128.21	321.81	53.14	171.57	31.64	96.78 PHASE
655	.16	12.73	615	4.14	3.58	.88	2.91	3.31	1.52	.78	1.26 AMP
				331.37	154.33	145.42	324.12	69.45	198.48	68.89	118.98 PHASE
656	-1.85	13.38	614	4.23	3.42	.71	2.92	3.56	1.42	.81	1.17 AMP
				341.59	161.87	169.76	326.87	84.21	204.13	82.56	119.14 PHASE
657	-2.25	13.38	615	4.46	3.33	.69	2.98	3.71	1.27	.73	.98 AMP
				346.89	151.38	171.47	382.98	54.76	169.22	31.58	63.92 PHASE
658	-3.48	13.82	615	4.87	3.29	.85	2.96	4.88	1.22	.61	.84 AMP
				353.85	155.88	192.71	381.86	68.76	162.84	48.82	59.78 PHASE
659	3.74	9.73	617	4.29	3.46	.77	2.48	2.12	1.11	.56	.59 AMP
				288.26	122.84	27.29	316.84	43.16	149.48	346.48	71.45 PHASE
660	1.69	9.63	616	3.52	2.73	.65	2.51	2.43	.99	.61	.61 AMP
				291.41	124.27	346.42	388.28	29.38	126.21	345.99	57.66 PHASE
661	-.28	9.38	616	3.88	2.32	.77	2.45	2.77	.95	.61	.64 AMP
				315.54	148.99	348.68	319.82	58.58	159.68	42.18	123.92 PHASE
662	-2.54	9.65	616	2.98	2.81	.98	2.51	3.87	.97	.62	.44 AMP
				337.82	143.15	382.42	382.19	45.88	139.73	356.92	77.15 PHASE
663	-4.89	18.78	616	3.78	1.97	1.29	2.78	3.25	1.83	.62	.44 AMP
				357.72	158.47	274.72	291.68	48.43	124.38	293.87	9.68 PHASE
664	-6.81	11.71	617	4.29	2.12	1.47	2.79	3.49	1.19	.65	.53 AMP
				9.47	162.64	281.83	386.37	63.12	148.82	382.75	31.77 PHASE
665	-7.88	12.88	615	4.88	2.28	1.71	2.67	3.53	1.38	.64	.58 AMP
				15.78	178.34	283.81	318.78	69.61	153.58	292.85	39.17 PHASE
666	2.89	7.68	616	3.82	2.22	1.27	1.84	2.86	.93	.28	.42 AMP
				266.36	115.66	334.91	312.86	24.87	124.23	331.56	97.45 PHASE
667	.98	7.35	616	3.87	1.52	1.46	1.85	2.82	.78	.21	.41 AMP
				279.56	138.93	335.13	325.85	44.88	145.49	39.95	155.42 PHASE
668	-1.85	7.15	616	2.39	1.89	1.48	1.73	2.38	.75	.35	.55 AMP
				296.89	142.18	312.61	389.78	34.82	146.75	34.59	125.86 PHASE
669	-3.36	7.18	616	2.18	.96	1.64	1.85	2.58	.75	.48	.46 AMP
				327.98	154.25	288.88	293.26	23.59	123.82	297.92	78.33 PHASE
670	-5.58	8.87	616	2.93	1.19	1.99	2.82	2.48	.82	.69	.48 AMP
				1.18	183.88	298.81	315.27	68.82	171.63	386.66	73.42 PHASE
671	-8.86	9.63	616	4.19	1.52	2.42	2.89	2.67	1.12	.79	.68 AMP
				14.68	185.42	274.22	296.82	44.68	153.24	274.68	38.66 PHASE
672	-9.27	18.93	616	5.88	1.64	2.62	2.85	2.63	1.28	.87	.63 AMP
				21.87	198.98	277.66	387.23	55.86	169.31	288.92	44.51 PHASE
673	-.85	7.31	616	2.61	.54	1.92	1.21	1.91	1.88	.46	.53 AMP
				258.87	124.71	318.31	388.51	19.88	187.52	45.93	85.79 PHASE
674	-2.81	6.83	616	1.69	.37	1.88	1.28	2.26	.78	.56	.58 AMP
				267.25	194.18	386.97	386.58	28.32	117.11	68.91	99.13 PHASE
675	-4.85	6.43	615	1.18	.68	2.83	1.38	2.38	.61	.24	.34 AMP
				316.88	238.88	387.23	316.64	58.93	126.93	79.49	97.56 PHASE
676	-6.45	5.98	616	1.92	1.86	2.39	1.52	1.98	.46	.52	.48 AMP
				6.21	217.28	281.89	292.67	18.68	136.43	297.82	32.11 PHASE
677	-8.59	7.63	616	3.34	1.38	2.74	1.49	1.84	.73	.76	.45 AMP
				23.15	218.12	279.74	299.77	32.82	179.38	381.76	37.69 PHASE
678	-9.94	9.35	616	4.45	1.64	3.83	1.55	1.89	.91	.93	.68 AMP
				25.76	218.43	268.33	296.88	26.92	174.43	294.58	31.86 PHASE

TABLE VIII.- Continued

(f) Continued

FLAPWISE 37 PERCENT RADIUS												
PT NO	RUN NO	2Ø	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
653	22.77	38.87	615	19.47	15.56	12.61	6.45	4.58	.95	.47	2.18	AMP
				147.31	334.39	68.87	353.38	137.83	16.59	292.48	262.93	PHASE
654	24.45	39.52	615	27.58	15.88	12.88	6.35	4.43	.88	.59	1.93	AMP
				142.58	323.92	58.88	337.53	117.94	348.41	258.25	226.81	PHASE
655	26.88	48.55	615	21.42	15.89	13.84	6.16	4.45	.83	.65	2.81	AMP
				144.67	328.63	55.55	348.16	132.79	6.63	265.35	242.19	PHASE
656	26.72	41.42	614	21.81	16.81	12.97	5.93	4.39	.66	.72	1.86	AMP
				145.78	331.44	58.28	352.68	146.21	14.62	278.51	249.64	PHASE
657	27.42	41.24	615	22.88	15.88	12.89	5.63	4.38	.64	.73	1.72	AMP
				139.81	318.48	39.45	327.54	115.12	346.52	231.31	281.92	PHASE
658	28.17	42.17	615	22.48	16.88	12.93	5.58	4.35	.47	.88	1.69	AMP
				139.28	318.56	37.98	324.48	119.87	342.71	228.22	197.61	PHASE
659	24.38	38.82	617	17.83	12.63	9.73	4.25	4.26	.98	.33	1.16	AMP
				144.84	331.43	49.93	334.83	86.87	339.11	253.28	211.11	PHASE
668	25.99	31.18	616	17.78	13.28	18.16	4.44	4.18	.95	.45	1.16	AMP
				148.89	325.65	36.21	319.62	76.57	321.36	228.89	198.83	PHASE
661	27.58	31.99	616	18.63	13.45	18.66	4.51	4.25	.95	.49	1.82	AMP
				145.51	336.48	48.93	348.58	182.39	344.86	268.26	234.86	PHASE
662	29.85	32.87	616	19.42	13.88	11.28	4.56	4.16	.81	.51	.88	AMP
				148.76	327.56	35.26	323.88	82.94	321.79	227.98	198.77	PHASE
663	38.61	33.58	616	28.42	14.81	11.55	4.38	3.98	.82	.55	.88	AMP
				136.62	321.25	23.71	387.38	65.53	297.87	211.29	159.67	PHASE
664	31.25	34.63	617	28.84	14.34	11.82	4.41	3.97	.75	.57	.79	AMP
				139.88	327.26	33.23	319.11	83.43	316.78	245.52	185.23	PHASE
665	31.99	35.88	615	21.25	14.52	11.77	4.18	4.85	.82	.63	.81	AMP
				139.86	329.18	34.98	319.88	84.42	314.88	249.26	184.45	PHASE
666	25.93	21.99	616	14.21	18.21	6.13	2.55	3.71	.51	.25	.59	AMP
				143.74	336.68	42.55	338.78	71.97	388.14	249.14	282.69	PHASE
667	27.58	22.51	616	14.85	18.55	6.45	2.69	3.59	.49	.25	.59	AMP
				147.11	345.89	58.91	358.28	93.41	331.65	272.56	237.88	PHASE
668	29.89	23.69	616	15.64	18.79	7.25	3.83	3.54	.51	.28	.56	AMP
				143.84	348.98	41.21	342.48	79.68	317.82	268.74	224.78	PHASE
669	38.69	25.64	616	16.56	11.38	8.38	3.24	3.83	.44	.21	.53	AMP
				138.63	338.84	25.99	321.48	53.52	278.85	213.11	169.54	PHASE
678	32.22	26.78	616	17.66	12.83	9.84	3.33	3.58	.53	.29	.65	AMP
				143.24	341.48	39.61	339.72	75.56	285.21	251.61	196.14	PHASE
671	33.96	28.11	616	18.78	12.56	9.58	3.46	3.61	.64	.39	.66	AMP
				137.43	332.86	24.12	319.88	54.11	247.93	235.46	159.99	PHASE
672	34.84	28.25	616	19.85	12.63	9.69	3.34	3.73	.62	.46	.77	AMP
				138.61	335.72	28.98	325.81	61.63	253.29	258.49	173.81	PHASE
673	29.17	17.65	616	12.94	8.99	4.41	2.18	2.34	.52	.29	.42	AMP
				142.53	339.52	25.83	329.37	78.14	243.37	229.59	194.58	PHASE
674	58.66	18.79	616	13.46	9.31	5.16	2.32	2.23	.48	.27	.43	AMP
				143.36	342.97	38.33	348.66	75.88	268.37	253.23	214.38	PHASE
675	32.13	28.46	615	14.47	9.83	5.95	2.42	2.49	.43	.25	.29	AMP
				145.84	348.23	33.31	352.62	78.51	278.27	288.91	219.21	PHASE
676	33.74	21.47	616	15.59	18.49	8.61	2.66	2.92	.48	.26	.37	AMP
				137.47	334.83	19.43	325.96	45.23	287.82	235.68	159.58	PHASE
677	35.29	22.98	616	16.59	11.84	7.84	2.96	3.14	.58	.38	.43	AMP
				133.51	339.88	25.84	331.57	57.58	214.47	265.66	178.95	PHASE
678	36.29	23.92	616	17.26	11.45	7.48	3.12	3.35	.68	.33	.51	AMP
				136.14	334.58	21.36	322.47	49.73	284.54	257.36	164.17	PHASE

TABLE VIII.- Continued

(f) Continued

CHORDWISE 37 PERCENT RADIUS													
PT NO	RUN NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
653	25.3#	61.54	615	14.24	9.15	5.16	6.81	5.21	19.86	16.37	5.71	AMP	
				277.87	139.63	313.24	85.89	88.19	136.83	155.87	228.69	PHASE	
654	23.81	75.32	615	17.79	13.84	18.21	8.23	3.39	29.85	21.22	7.82	AMP	
				287.42	139.41	388.98	63.43	65.17	189.53	123.28	194.19	PHASE	
655	22.86	85.74	615	21.86	18.11	14.83	11.39	1.67	34.84	24.98	6.41	AMP	
				383.83	151.99	383.19	69.18	55.82	135.22	145.68	288.66	PHASE	
656	21.22	92.15	614	24.64	28.51	16.18	13.49	1.15	35.77	25.28	5.56	AMP	
				312.44	157.82	386.21	76.23	352.84	158.97	161.79	212.88	PHASE	
657	28.18	93.78	615	27.45	22.22	18.38	14.76	2.36	35.33	25.91	6.82	AMP	
				312.28	149.43	286.52	49.61	285.53	121.91	125.75	157.75	PHASE	
658	18.77	97.27	615	31.27	24.18	28.86	15.98	3.88	38.18	27.65	6.41	AMP	
				318.21	152.54	286.24	48.71	286.81	138.89	138.64	152.93	PHASE	
659	23.39	47.96	617	18.86	8.88	6.65	7.52	3.33	14.58	11.64	3.49	AMP	
				275.84	133.38	285.52	65.78	3.83	117.27	124.45	157.82	PHASE	
660	23.26	55.18	616	12.95	12.88	9.68	9.31	1.87	17.46	13.28	3.84	AMP	
				286.21	137.98	277.42	45.54	315.81	184.98	183.87	139.69	PHASE	
661	23.27	61.14	616	16.79	15.96	12.82	12.78	4.81	17.49	14.94	3.78	AMP	
				389.64	155.89	288.89	63.87	389.51	142.56	137.48	176.66	PHASE	
662	22.83	68.85	616	22.25	19.42	17.87	16.58	6.22	18.48	18.17	4.24	AMP	
				318.23	153.38	273.11	49.38	286.23	134.46	123.43	142.27	PHASE	
663	21.98	79.81	616	38.58	22.59	22.27	19.59	6.89	21.92	19.17	5.53	AMP	
				325.27	153.45	265.88	38.38	283.45	133.74	189.15	115.58	PHASE	
664	21.35	84.87	617	34.27	24.11	24.94	28.87	5.68	24.58	18.92	6.24	AMP	
				333.45	162.88	276.66	53.17	298.95	161.78	148.21	145.18	PHASE	
665	28.66	92.15	615	38.33	25.32	27.71	21.98	5.21	24.98	19.14	6.89	AMP	
				336.47	168.68	278.67	55.85	299.33	178.32	145.23	145.87	PHASE	
666	28.58	28.68	616	7.44	5.22	3.68	6.66	3.31	3.99	5.64	1.65	AMP	
				254.39	143.58	275.88	66.14	324.14	79.35	185.38	152.41	PHASE	
667	21.34	31.97	616	8.86	7.89	6.47	7.82	2.33	4.63	6.87	2.14	AMP	
				279.76	163.58	285.76	74.95	314.11	123.67	133.86	184.67	PHASE	
668	22.33	42.16	616	11.13	11.61	8.82	11.57	4.27	9.42	7.87	1.98	AMP	
				386.47	167.66	272.83	58.22	268.38	124.69	117.84	164.11	PHASE	
669	23.28	57.88	616	17.28	15.18	13.95	15.84	5.51	9.86	18.17	3.65	AMP	
				323.78	162.18	251.73	36.46	255.25	153.14	96.48	117.79	PHASE	
670	23.68	76.19	616	25.61	17.69	19.28	19.45	5.71	11.25	9.95	4.82	AMP	
				348.68	177.79	267.93	58.78	269.84	288.26	145.86	163.79	PHASE	
671	23.74	93.98	616	37.13	28.54	25.54	23.88	4.52	9.58	18.68	4.78	AMP	
				342.57	175.75	255.29	39.83	243.24	163.68	116.68	138.28	PHASE	
672	23.27	186.82	616	43.48	21.18	28.88	23.94	5.42	7.67	18.95	4.98	AMP	
				347.56	182.38	262.87	45.55	237.56	177.83	124.22	161.88	PHASE	
673	19.48	26.19	616	5.44	5.41	2.59	5.71	2.13	8.46	4.39	1.31	AMP	
				253.33	188.92	254.86	59.14	254.38	33.62	95.78	138.89	PHASE	
674	21.22	35.99	616	6.32	8.29	5.86	8.24	3.42	13.39	5.94	6.4	AMP	
				293.77	198.59	255.43	45.63	231.13	93.96	91.94	143.56	PHASE	
675	22.67	46.84	615	11.41	11.87	9.56	12.88	5.16	9.98	6.75	2.28	AMP	
				335.28	198.48	258.89	59.48	264.28	165.38	132.21	124.71	PHASE	
676	24.38	71.68	616	22.43	15.88	15.81	16.54	6.61	6.42	5.18	2.88	AMP	
				345.37	198.53	241.64	34.76	228.82	227.65	98.74	117.48	PHASE	
677	25.32	91.75	616	34.15	18.84	28.65	19.14	8.68	7.14	5.32	2.99	AMP	
				353.38	199.46	258.11	42.43	222.19	294.68	187.18	168.15	PHASE	
678	25.68	99.78	616	42.79	28.96	25.89	28.22	9.47	5.96	6.18	3.13	AMP	
				354.55	198.29	247.93	32.91	285.71	388.88	91.19	154.47	PHASE	



TABLE VIII.- Continued

(f) Continued

TORSION 36 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
653	3.89	12.16	615	5.48	4.79	1.26	2.35	1.97	1.53	.88	1.86	AMP
				296.83	125.85	121.75	314.88	39.41	147.77	357.23	76.18	PHASE
654	1.64	11.98	615	4.98	4.24	1.15	2.37	2.37	1.46	.85	.96	AMP
				388.57	118.97	116.54	291.83	12.74	127.58	337.82	47.33	PHASE
655	-.57	12.74	615	4.99	3.92	1.83	2.49	2.74	1.33	.81	.88	AMP
				325.39	127.49	143.99	295.18	28.98	147.43	8.87	63.78	PHASE
656	-1.65	12.88	614	5.13	3.79	1.87	2.49	2.89	1.24	.82	.83	AMP
				333.68	133.58	161.68	298.33	44.15	161.91	22.25	72.23	PHASE
657	-2.79	12.97	615	5.33	3.67	1.14	2.46	3.82	1.89	.79	.68	AMP
				335.93	121.88	154.87	275.18	14.98	126.86	334.38	17.82	PHASE
658	-3.99	13.38	615	5.75	3.59	1.33	2.58	3.25	1.84	.59	.59	AMP
				342.88	124.13	164.88	274.89	21.66	128.93	339.21	13.29	PHASE
659	3.18	9.96	617	4.58	4.86	1.39	2.19	1.81	1.81	.57	.45	AMP
				283.52	182.51	23.82	286.15	.66	185.98	387.77	19.89	PHASE
660	1.89	9.94	616	4.84	3.48	1.18	2.22	2.88	.93	.63	.47	AMP
				295.57	188.77	318.41	269.37	347.72	84.33	388.35	7.74	PHASE
661	-.87	9.71	616	3.81	2.97	1.34	2.16	2.35	.92	.64	.52	AMP
				317.78	114.68	277.48	289.83	16.88	118.78	351.25	71.51	PHASE
662	-3.89	18.12	616	3.99	2.59	1.63	2.28	2.59	.93	.63	.36	AMP
				333.17	111.94	238.74	272.98	4.85	97.86	318.76	25.69	PHASE
663	-5.48	18.88	616	4.71	2.48	1.86	2.35	2.78	.96	.59	.35	AMP
				346.86	114.75	221.23	262.95	358.89	81.58	257.98	321.43	PHASE
664	-6.53	11.66	617	5.25	2.48	1.26	2.48	2.88	1.87	.56	.42	AMP
				356.75	125.85	228.58	278.57	22.41	185.38	269.67	338.18	PHASE
665	-7.58	11.89	615	5.79	2.58	1.45	2.32	2.91	1.14	.51	.48	AMP
				2.18	131.48	233.51	284.83	29.63	111.82	261.17	345.98	PHASE
666	2.22	7.49	616	3.89	2.85	1.78	1.64	1.77	.88	.28	.31	AMP
				273.75	93.37	387.31	288.88	343.93	81.53	298.48	44.88	PHASE
667	.36	7.25	616	3.35	2.18	.95	1.68	1.75	.67	.26	.31	AMP
				298.45	184.61	382.36	293.45	3.98	184.36	352.53	182.22	PHASE
668	-1.57	7.47	616	3.84	1.69	1.81	1.58	2.85	.68	.36	.43	AMP
				387.48	186.78	274.56	279.34	354.73	182.92	339.26	69.79	PHASE
669	-3.84	7.68	616	3.17	1.38	1.19	1.64	2.16	.69	.47	.38	AMP
				328.98	188.28	248.96	262.82	343.11	88.78	257.53	15.33	PHASE
670	-6.86	8.39	616	3.97	1.41	1.49	1.77	2.84	.77	.59	.39	AMP
				352.84	136.62	268.58	284.48	19.17	125.91	266.14	21.37	PHASE
671	-8.48	9.83	616	5.13	1.54	1.87	1.88	2.26	1.82	.78	.48	AMP
				2.11	142.55	237.35	266.87	3.56	188.69	231.29	338.22	PHASE
672	-9.68	18.81	616	5.98	1.64	2.83	1.77	2.23	1.14	.76	.52	AMP
				8.32	158.18	241.11	276.78	14.95	124.47	244.76	352.43	PHASE
673	-.61	6.58	616	2.58	1.22	1.37	1.16	1.66	.82	.38	.41	AMP
				271.88	85.85	281.18	275.53	348.88	62.98	358.66	31.77	PHASE
674	-2.52	5.83	616	2.82	1.76	1.27	1.16	1.96	.66	.45	.38	AMP
				297.43	188.67	274.59	274.88	348.95	73.88	3.57	43.26	PHASE
675	-4.58	5.77	615	2.14	.53	1.49	1.28	1.99	.52	.24	.28	AMP
				333.71	138.19	274.57	285.15	18.63	85.26	7.98	44.51	PHASE
676	-6.85	6.84	616	3.87	.72	1.77	1.38	1.74	.48	.49	.31	AMP
				353.89	162.49	249.84	259.88	336.38	94.81	252.82	337.51	PHASE
677	-8.96	8.88	616	4.26	1.82	2.86	1.32	1.62	.65	.69	.37	AMP
				7.99	176.13	248.28	265.63	358.81	135.46	253.47	346.79	PHASE
678	-18.26	9.52	616	5.22	1.32	2.31	1.37	1.69	.81	.84	.49	AMP
				11.29	173.21	236.23	261.83	345.99	129.85	246.88	339.98	PHASE

TABLE VIII.- Continued

(f) Continued

FLAPWISE 51 PERCENT RADIUS											
RUN NO 20											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
653	5.84	55.60	615	26.26	20.51	13.64	1.90	5.13	2.88	2.73	7.00 AMP
				141.23	336.81	57.57	23.62	297.58	186.38	61.86	262.65 PHASE
654	6.93	55.30	615	27.46	20.85	14.44	2.00	5.09	2.56	2.24	6.15 AMP
				137.40	325.21	41.87	2.03	271.79	149.60	23.75	228.01 PHASE
655	8.75	55.64	615	28.42	21.07	14.93	2.00	5.29	2.57	2.16	6.13 AMP
				140.38	329.40	47.62	11.40	285.59	165.19	36.20	243.04 PHASE
656	9.64	56.00	614	28.85	21.19	15.09	2.04	5.32	2.59	1.85	5.72 AMP
				141.79	331.96	51.26	13.25	293.16	176.49	36.41	251.29 PHASE
657	10.59	54.82	615	29.14	21.02	15.32	2.14	5.17	2.55	1.70	5.00 AMP
				135.88	319.00	33.30	351.60	263.32	138.20	357.63	201.00 PHASE
658	11.45	54.35	615	29.72	21.25	15.53	2.16	5.14	2.49	1.57	4.57 AMP
				135.73	319.88	32.77	350.73	264.25	138.64	349.06	198.77 PHASE
659	7.38	43.70	617	23.11	17.44	10.68	1.73	4.07	2.20	1.81	3.21 AMP
				136.77	330.75	43.00	349.68	263.22	143.19	45.82	211.48 PHASE
660	9.24	44.88	616	24.04	17.96	11.56	1.88	4.15	2.02	1.64	3.19 AMP
				133.97	325.36	31.35	341.20	248.90	120.19	20.39	190.13 PHASE
661	10.98	45.53	616	25.01	18.31	12.35	2.01	4.34	2.21	1.47	2.74 AMP
				139.40	335.00	45.36	1.68	272.95	146.38	53.99	232.29 PHASE
662	12.80	46.46	616	25.93	18.81	13.38	2.15	4.36	2.34	1.35	2.46 AMP
				135.67	326.55	33.44	344.65	253.48	119.66	20.37	199.32 PHASE
663	14.59	47.68	616	27.21	19.30	14.11	2.15	4.25	2.42	1.26	2.33 AMP
				132.66	319.73	24.22	329.56	238.26	105.11	353.75	162.41 PHASE
664	15.36	48.40	617	27.84	19.83	14.69	2.25	4.29	2.39	1.19	2.42 AMP
				136.11	326.10	34.20	341.47	256.55	127.54	10.64	109.00 PHASE
665	16.21	48.98	615	28.40	20.10	14.83	2.17	4.22	2.52	1.00	2.48 AMP
				136.62	327.71	37.17	343.32	250.24	133.67	15.01	105.74 PHASE
666	9.02	33.69	616	19.50	14.31	7.04	1.41	2.84	1.05	1.16	1.53 AMP
				136.01	333.64	37.00	315.00	255.41	130.95	47.03	204.90 PHASE
667	11.66	34.19	616	20.29	14.63	7.54	1.32	2.76	1.00	1.07	1.36 AMP
				140.13	342.75	48.23	335.25	277.51	157.57	76.53	237.50 PHASE
668	13.45	35.00	616	21.28	14.86	8.67	1.39	2.96	1.16	.64	1.34 AMP
				137.77	337.35	39.33	324.84	260.68	131.12	51.05	221.68 PHASE
669	15.24	37.48	616	22.53	15.32	10.36	1.43	3.14	1.41	.82	1.47 AMP
				133.49	326.62	25.44	306.42	237.87	107.20	12.48	171.98 PHASE
670	16.95	39.71	616	24.12	16.30	11.45	1.40	3.01	1.56	.92	1.73 AMP
				138.72	336.88	40.92	321.00	263.07	140.38	30.92	197.33 PHASE
671	19.01	41.32	616	25.53	16.97	12.70	1.39	3.02	1.45	.70	1.79 AMP
				134.23	327.44	27.79	305.83	242.19	115.56	341.62	163.70 PHASE
672	19.97	41.81	616	26.05	17.21	13.04	1.34	2.93	1.39	.57	1.92 AMP
				136.23	330.47	33.30	310.39	250.01	127.81	347.71	176.11 PHASE
673	14.21	27.53	616	17.67	12.35	5.13	1.36	1.91	.37	.29	.86 AMP
				135.68	334.92	23.04	300.35	250.77	139.37	40.70	100.10 PHASE
674	15.99	28.28	616	18.37	12.51	6.22	1.24	2.02	.60	.21	.67 AMP
				137.65	338.61	28.25	306.57	255.35	125.26	80.93	204.12 PHASE
675	17.74	29.86	615	19.69	12.94	7.37	1.14	2.14	.06	.24	.58 AMP
				140.45	343.20	37.67	310.12	270.55	150.03	20.44	105.01 PHASE
676	19.70	31.95	616	21.51	13.55	8.45	1.13	2.18	.78	.38	.61 AMP
				133.88	329.26	20.70	278.44	242.33	112.37	357.31	147.43 PHASE
677	21.45	34.36	616	23.02	14.03	9.36	1.01	2.15	.82	.40	.71 AMP
				136.01	333.57	30.26	275.71	250.55	121.02	342.88	159.79 PHASE
678	22.57	35.73	616	24.01	14.54	10.40	1.00	2.11	.78	.32	1.00 AMP
				134.37	329.49	27.47	266.30	242.39	114.59	325.47	150.79 PHASE

TABLE VIII.- Continued

(f) Continued

CHORDWISE 51 PERCENT RADIUS												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
653	7.34	62.18	615	15.78	9.68	4.18	5.94	5.18	28.19	19.39	7.41	AMP
				291.34	145.42	332.73	94.28	98.12	139.35	168.53	237.77	PHASE
654	5.83	79.27	615	19.64	13.13	8.48	6.73	2.84	38.13	24.31	8.55	AMP
				295.87	143.25	315.85	67.61	77.91	111.85	129.28	287.57	PHASE
655	4.31	91.41	615	23.98	16.48	11.88	12.59	.26	35.88	27.84	7.66	AMP
				386.88	154.24	316.97	72.38	88.62	137.17	151.43	221.89	PHASE
656	3.49	101.33	614	26.43	18.38	13.64	14.86	1.52	37.68	28.87	6.35	AMP
				312.18	159.22	328.19	78.28	281.34	153.53	167.69	225.88	PHASE
657	2.46	101.88	615	29.88	19.76	15.61	16.34	3.89	37.12	28.91	6.37	AMP
				389.78	149.92	388.33	51.46	257.88	124.71	131.74	166.95	PHASE
658	1.24	108.62	615	32.38	21.28	18.88	17.77	4.61	48.86	38.94	6.78	AMP
				313.88	152.68	299.57	58.58	265.21	134.34	137.86	157.77	PHASE
659	4.86	47.87	617	11.98	8.58	4.88	7.64	3.55	15.84	13.88	3.97	AMP
				291.18	143.28	298.88	69.16	355.46	128.19	129.92	169.81	PHASE
660	4.68	55.59	616	14.74	11.92	7.36	18.88	2.85	18.87	15.38	4.14	AMP
				295.65	144.44	291.13	48.82	298.48	187.48	118.41	158.87	PHASE
661	4.34	65.35	616	18.71	14.58	18.87	13.74	4.57	18.21	16.96	3.88	AMP
				311.89	159.95	382.97	67.19	382.89	145.25	143.33	183.56	PHASE
662	3.59	78.77	616	23.51	17.39	13.68	17.72	6.72	19.38	28.92	4.25	AMP
				314.98	155.98	288.65	51.76	281.42	138.73	128.94	143.13	PHASE
663	2.63	88.54	616	38.24	19.88	18.22	21.38	6.34	23.34	21.88	6.16	AMP
				318.95	154.74	279.81	39.44	276.89	139.32	114.95	112.17	PHASE
664	1.88	88.48	617	33.32	21.18	28.88	22.86	5.95	26.39	21.51	6.95	AMP
				325.69	163.79	291.33	53.64	298.32	167.88	146.39	142.48	PHASE
665	1.16	89.37	615	36.61	22.28	23.23	24.82	5.55	26.98	21.73	6.98	AMP
				328.38	169.84	292.68	56.22	298.16	176.57	151.66	142.18	PHASE
666	2.82	27.41	616	7.77	5.53	2.29	6.92	3.73	3.93	6.43	1.64	AMP
				288.51	157.21	293.32	65.88	316.43	76.68	112.17	165.22	PHASE
667	3.81	34.73	616	9.45	7.95	4.56	8.53	2.99	4.52	6.92	2.27	AMP
				296.43	172.36	299.96	75.93	387.21	121.77	141.98	198.63	PHASE
668	3.37	41.15	616	12.88	11.85	6.47	12.36	5.11	9.84	8.68	2.83	AMP
				389.23	172.71	289.18	53.46	268.39	125.68	123.29	172.86	PHASE
669	3.67	59.12	616	18.88	13.94	18.26	16.86	6.17	9.65	11.49	4.14	AMP
				318.26	165.55	266.34	38.12	252.81	158.34	182.32	117.81	PHASE
670	3.48	72.38	616	24.75	16.87	14.62	28.72	6.41	12.68	11.13	4.84	AMP
				331.78	179.78	282.68	59.94	268.24	286.58	152.46	162.77	PHASE
671	2.65	85.88	616	33.74	18.28	19.89	24.84	5.18	18.79	11.87	5.67	AMP
				333.88	176.38	269.88	48.19	238.91	172.83	123.41	136.31	PHASE
672	1.91	92.42	616	38.43	18.78	22.85	25.97	5.93	4.96	11.86	5.86	AMP
				337.68	182.22	276.18	46.63	234.73	189.22	138.52	159.52	PHASE
673	1.69	28.57	616	6.24	5.95	1.17	6.42	2.94	9.28	4.98	1.48	AMP
				281.18	183.88	283.13	56.81	254.27	32.13	106.38	137.66	PHASE
674	2.55	36.67	616	8.19	8.42	3.89	9.14	4.27	14.33	6.37	5.59	AMP
				382.15	195.23	277.66	47.88	236.67	94.86	97.77	155.94	PHASE
675	3.83	47.31	615	12.35	11.43	6.46	13.78	6.81	18.42	7.58	2.92	AMP
				326.73	201.42	274.13	68.45	265.81	168.89	137.78	122.87	PHASE
676	3.45	67.77	616	28.46	14.65	18.94	17.88	7.41	7.62	5.68	3.54	AMP
				334.44	191.23	256.58	35.41	222.82	231.36	186.36	115.45	PHASE
677	3.42	78.52	616	29.22	17.22	15.55	28.56	9.36	8.45	5.52	3.68	AMP
				342.65	199.11	264.18	43.15	223.82	292.86	113.88	157.22	PHASE
678	3.85	88.23	616	35.54	13.91	19.28	22.81	18.16	6.95	6.27	3.56	AMP
				344.38	197.43	261.65	34.18	285.94	388.19	96.51	151.82	PHASE

TABLE VIII.- Continued

(f) Continued

TORSION 5% PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
653	4.55	12.65	615	5.51	5.11	1.85	2.42	1.72	1.75	1.11	1.87 AMP
				299.86	132.99	158.42	343.62	67.87	178.83	36.68	158.88 PHASE
654	2.29	12.88	615	4.91	4.56	.91	2.36	2.86	1.68	1.87	1.86 AMP
				311.47	125.89	144.26	322.64	39.84	156.18	11.91	121.33 PHASE
655	.14	12.52	615	4.87	4.28	.98	2.34	2.39	1.57	.98	1.82 AMP
				328.65	134.17	178.68	328.61	54.35	176.36	48.61	139.66 PHASE
656	-1.82	13.81	614	4.99	4.85	1.82	2.24	2.51	1.51	.98	.97 AMP
				337.19	148.16	185.53	332.22	69.72	198.15	52.14	147.45 PHASE
657	-2.18	12.76	615	5.15	3.93	1.18	2.19	2.66	1.39	.96	.88 AMP
				339.73	129.31	174.27	388.47	48.28	155.83	3.44	93.69 PHASE
658	-3.33	13.87	615	5.55	3.86	1.42	2.17	2.91	1.48	.86	.68 AMP
				346.32	131.88	188.64	387.18	47.27	152.57	3.71	92.41 PHASE
659	3.55	18.35	617	4.58	4.54	.36	2.23	1.76	1.25	.66	.45 AMP
				287.17	111.45	49.86	317.83	26.66	141.17	358.76	98.54 PHASE
660	1.54	18.12	616	3.94	3.84	.12	2.19	1.97	1.13	.76	.51 AMP
				299.53	189.74	334.35	388.79	12.68	118.38	347.97	82.17 PHASE
661	-.36	9.86	616	3.68	3.38	.22	2.87	2.22	1.15	.76	.62 AMP
				322.44	123.58	281.15	322.15	48.37	163.26	37.37	134.75 PHASE
662	-2.53	18.89	616	3.85	2.97	.48	1.99	2.44	1.17	.73	.42 AMP
				338.77	121.18	235.23	386.48	27.89	132.48	355.85	88.45 PHASE
663	-4.79	11.28	616	4.68	2.78	.88	2.88	2.59	1.22	.68	.39 AMP
				353.12	123.74	219.55	294.78	28.98	117.88	382.27	14.43 PHASE
664	-5.87	11.51	617	5.13	2.86	.87	2.11	2.76	1.33	.67	.48 AMP
				3.34	134.46	226.84	318.88	44.41	142.11	313.25	33.56 PHASE
665	-6.86	12.17	615	5.68	2.88	.21	2.84	2.81	1.41	.61	.47 AMP
				8.88	139.29	229.44	314.83	51.23	147.25	387.29	41.33 PHASE
666	2.73	7.83	616	3.78	3.32	.63	1.78	1.82	.93	.36	.38 AMP
				279.83	181.62	332.44	311.42	12.33	115.78	353.47	118.26 PHASE
667	.86	7.46	616	3.16	2.63	.74	1.78	1.78	.78	.37	.48 AMP
				297.23	112.68	322.75	324.72	31.22	138.49	39.46	165.62 PHASE
668	-1.87	7.54	616	2.89	2.85	.74	1.55	2.88	.88	.47	.47 AMP
				315.52	115.28	289.88	312.64	28.17	135.99	15.36	129.13 PHASE
669	-3.26	7.78	616	3.86	1.69	.88	1.51	2.15	.83	.56	.39 AMP
				338.82	117.56	256.89	294.88	6.91	114.63	381.82	67.49 PHASE
670	-5.42	8.51	616	3.92	1.78	1.15	1.63	2.18	.94	.73	.45 AMP
				2.88	143.84	264.85	315.89	41.71	159.28	318.71	67.87 PHASE
671	-7.82	18.47	616	5.15	1.88	1.58	1.66	2.33	1.17	.85	.53 AMP
				18.82	158.89	248.49	296.61	25.62	141.81	273.85	24.58 PHASE
672	-8.98	11.86	616	5.93	1.89	1.63	1.63	2.31	1.29	.93	.59 AMP
				16.89	159.38	244.43	387.59	36.52	155.86	285.92	48.18 PHASE
673	-.15	6.24	616	2.27	1.69	.81	1.23	1.69	.88	.43	.49 AMP
				282.36	91.61	299.46	384.78	9.22	93.52	27.24	83.89 PHASE
674	-2.81	5.69	616	1.89	1.14	.89	1.16	1.89	.74	.52	.45 AMP
				311.95	184.52	289.84	386.15	16.28	183.85	39.14	97.23 PHASE
675	-3.95	5.54	615	2.18	.79	1.85	1.17	1.97	.58	.31	.33 AMP
				347.89	133.29	285.93	316.28	35.54	118.33	34.48	85.85 PHASE
676	-6.24	6.47	616	3.19	.83	1.26	1.23	1.82	.47	.59	.48 AMP
				4.26	159.39	258.35	289.52	2.16	124.68	291.18	15.78 PHASE
677	-8.33	8.78	616	4.45	1.15	1.57	1.25	1.88	.77	.85	.49 AMP
				16.76	188.33	254.98	296.86	17.28	161.42	288.28	25.64 PHASE
678	-9.65	18.82	616	5.44	1.48	1.81	1.29	1.88	.96	1.82	.59 AMP
				19.28	181.69	243.85	293.72	12.59	156.64	288.46	25.34 PHASE



TABLE VIII.- Continued

(f) Continued

FLAPWISE 77 PERCENT RADIUS												
RUN NO		28										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
653	-13.15	53.34	615	31.45	28.82	12.42	7.76	6.53	3.86	3.25	8.68	AMP
				133.16	332.13	25.98	186.99	318.47	22.42	275.86	79.89	PHASE
654	-18.14	54.48	615	31.33	21.31	12.97	7.51	6.98	3.33	2.62	7.33	AMP
				133.81	322.89	11.21	169.87	298.34	351.38	248.63	45.34	PHASE
655	-7.86	56.83	615	31.77	21.49	13.51	7.33	7.17	3.32	2.28	7.51	AMP
				138.87	329.26	18.69	179.82	386.76	5.58	266.36	57.94	PHASE
656	-5.34	56.98	614	32.17	21.66	13.85	6.99	7.25	3.39	1.74	6.98	AMP
				141.31	333.78	23.41	182.93	321.62	12.95	278.23	65.55	PHASE
657	-3.84	56.77	615	31.97	21.84	14.88	6.33	7.53	3.45	1.86	6.82	AMP
				137.31	321.38	4.58	158.18	291.45	327.98	242.33	13.48	PHASE
658	-2.27	57.78	615	32.59	22.12	14.28	6.13	7.86	3.63	1.74	5.48	AMP
				138.54	322.62	4.64	154.13	295.63	323.92	243.12	9.48	PHASE
659	-18.37	45.58	617	27.93	18.37	8.66	5.77	7.34	1.95	2.39	4.12	AMP
				129.29	323.25	5.46	178.24	268.92	322.74	243.82	38.11	PHASE
668	-7.47	46.17	616	28.28	18.68	9.25	6.83	7.15	2.83	2.87	4.23	AMP
				129.19	328.58	357.85	153.82	252.83	381.59	224.44	8.47	PHASE
661	-4.79	48.26	616	28.44	19.89	9.78	6.12	7.67	2.88	1.73	3.64	AMP
				137.61	331.98	18.74	176.33	277.91	331.29	268.88	51.15	PHASE
662	-1.64	58.31	616	28.79	19.73	18.52	6.18	7.69	2.26	1.63	3.29	AMP
				137.81	324.55	359.82	168.22	268.17	299.37	226.31	18.85	PHASE
663	1.64	52.19	616	29.58	28.66	18.94	5.62	7.55	2.33	1.45	3.16	AMP
				136.77	319.65	351.58	143.97	244.68	279.89	195.18	348.14	PHASE
664	3.87	54.58	617	38.88	21.39	11.48	5.37	7.72	2.53	1.48	3.24	AMP
				141.74	325.89	2.17	155.48	264.31	299.38	216.26	5.62	PHASE
665	4.44	54.99	615	38.58	22.84	11.33	4.93	8.83	2.49	1.25	3.38	AMP
				143.72	328.76	4.66	158.84	265.68	388.28	216.21	2.88	PHASE
666	-7.65	38.46	616	25.25	14.63	4.87	4.63	7.62	.52	1.42	1.98	AMP
				128.48	326.52	354.74	169.92	244.16	282.96	226.87	27.27	PHASE
667	-4.61	39.81	616	25.56	14.85	5.29	5.88	7.41	.52	1.28	1.78	AMP
				135.56	338.18	7.57	186.92	266.18	314.11	255.91	58.24	PHASE
668	-1.91	41.16	616	26.82	15.27	6.12	5.46	7.35	.61	.75	1.88	AMP
				135.69	335.54	2.41	174.29	253.88	279.24	222.58	42.93	PHASE
669	1.14	44.19	616	26.48	15.98	7.38	5.39	7.77	.79	.91	1.92	AMP
				134.25	326.64	353.25	158.98	229.81	267.87	198.27	352.47	PHASE
678	4.28	45.69	616	27.59	17.39	8.28	5.37	7.21	.96	.98	2.29	AMP
				142.47	337.81	11.14	168.33	254.39	321.61	288.26	14.94	PHASE
671	7.66	49.16	616	28.77	18.64	9.15	5.39	7.33	.79	.75	2.42	AMP
				141.15	329.96	359.77	143.98	234.86	318.83	149.97	341.23	PHASE
672	9.26	58.65	616	29.22	19.17	9.39	5.28	7.57	.88	.61	2.59	AMP
				144.72	333.64	6.11	149.87	242.95	326.87	147.18	352.49	PHASE
673	-1.93	33.77	616	23.14	12.24	3.72	3.61	5.66	.48	.17	1.22	AMP
				138.97	332.64	331.12	168.48	243.98	14.78	262.82	358.47	PHASE
674	1.13	36.59	616	23.48	12.55	4.28	4.15	5.59	.35	.25	1.83	AMP
				135.84	339.12	343.36	171.64	251.99	358.25	316.58	28.46	PHASE
675	3.76	38.11	615	24.17	13.21	4.97	4.49	5.84	.52	.18	.81	AMP
				141.41	345.94	1.82	181.84	257.86	334.84	177.92	2.92	PHASE
676	6.99	48.86	616	25.47	14.39	5.67	4.94	6.57	.58	.32	.86	AMP
				137.82	333.54	358.14	148.87	221.83	381.22	168.88	324.59	PHASE
677	9.98	44.86	616	26.57	15.56	6.38	5.29	6.73	.87	.44	1.88	AMP
				142.77	338.29	3.28	149.88	233.78	333.11	139.21	335.81	PHASE
678	11.83	46.24	616	27.46	16.58	7.33	5.43	6.97	.95	.42	1.46	AMP
				142.96	334.76	2.69	139.71	226.66	338.41	117.39	336.37	PHASE

TABLE VIII.- Continued

(f) Continued

CHORDWISE 77 PERCENT RADIUS											
RUN NO		2θ									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
653	-14.76	35.49	615	7.48	6.32	7.17	3.45	2.21	7.56	7.98	1.17
				151.71	338.85	38.39	142.49	327.76	124.55	161.18	199.91
654	-14.22	48.35	615	6.43	5.55	8.33	4.88	2.98	11.62	9.71	1.63
				156.84	316.93	8.33	184.96	278.27	99.18	128.33	198.65
655	-12.98	41.15	615	5.19	4.84	9.28	5.23	4.26	13.73	11.82	.86
				166.96	318.22	9.62	97.95	285.29	127.25	149.74	288.36
656	-12.83	44.47	614	4.88	4.47	9.78	6.13	5.85	14.25	11.81	.48
				172.88	321.72	11.44	98.82	292.96	144.61	165.83	161.11
657	-11.18	42.93	615	3.61	4.17	18.24	6.71	5.88	13.73	11.31	.86
				176.57	385.31	358.57	67.87	261.87	117.35	138.51	183.88
658	-18.68	44.34	615	2.78	4.88	18.95	7.36	6.67	14.71	12.85	1.16
				189.17	382.89	347.46	64.39	264.97	129.11	136.41	182.14
659	-14.58	25.49	617	7.86	5.51	5.19	3.12	4.11	5.32	5.87	1.18
				141.66	318.22	7.36	182.88	276.37	113.38	131.62	111.89
668	-14.52	27.48	616	6.14	4.61	6.87	4.81	4.61	6.47	6.37	1.82
				143.32	312.82	353.75	75.11	251.21	181.82	111.28	87.78
661	-14.21	33.87	616	4.71	4.13	6.89	5.36	6.84	6.64	6.99	1.15
				152.78	319.86	3.83	85.88	275.99	139.88	141.67	117.48
662	-12.84	35.33	616	3.82	3.81	8.83	7.83	7.85	7.88	8.76	1.57
				158.17	387.69	346.48	63.88	257.97	136.22	126.59	86.11
663	-11.29	41.28	616	1.85	3.79	9.55	8.71	6.78	9.83	9.83	2.21
				189.12	297.78	332.26	47.83	245.31	148.18	112.47	78.85
664	-18.26	43.86	617	8.81	3.95	18.68	9.51	6.87	18.49	9.83	2.41
				268.81	382.72	341.81	68.24	261.79	169.46	144.26	185.89
665	-9.59	45.44	615	1.56	4.23	11.13	9.93	6.85	18.88	9.15	2.43
				297.51	299.51	339.99	61.84	262.73	178.61	149.85	186.77
666	-13.27	21.82	616	7.24	4.73	3.15	2.46	4.68	1.14	2.75	.46
				139.47	314.99	7.88	95.23	268.59	68.43	117.38	85.51
667	-12.82	21.34	616	6.59	4.28	3.62	2.97	4.82	1.35	2.86	.69
				146.68	322.72	9.98	188.34	273.16	111.78	145.32	135.67
668	-13.64	22.69	616	5.32	3.78	4.38	4.15	5.98	3.53	3.63	.78
				146.58	313.64	357.91	69.77	254.23	128.13	122.58	185.85
669	-13.67	26.72	616	3.36	3.44	5.35	6.23	6.63	3.82	4.93	1.61
				143.65	298.98	337.12	48.38	233.38	162.13	99.88	78.66
678	-12.88	29.27	616	1.24	3.84	6.67	7.92	6.64	5.39	4.81	1.68
				158.88	388.98	346.47	68.13	255.21	289.42	149.38	129.44
671	-11.28	36.31	616	1.58	4.47	8.33	9.91	6.31	4.56	5.85	1.84
				323.18	296.88	327.59	46.33	238.12	177.25	118.99	184.94
672	-18.81	36.23	616	3.86	4.85	9.23	18.47	6.66	3.91	4.95	1.73
				327.89	388.42	329.88	52.86	234.81	196.71	124.85	132.82
673	-2.74	28.18	616	6.76	4.88	2.47	2.11	4.88	3.95	2.22	.46
				142.33	373.81	353.59	72.83	243.56	21.54	183.46	78.82
674	-12.41	28.26	616	5.75	3.82	3.85	2.95	4.67	5.72	2.65	.39
				147.78	387.17	353.27	58.94	241.63	84.19	91.41	35.73
675	-12.98	21.18	615	4.24	3.75	3.67	4.75	5.75	3.89	3.21	1.34
				158.85	303.58	352.35	69.26	257.38	166.83	131.31	94.79
676	-13.23	24.82	616	1.85	4.28	4.61	5.48	6.59	3.72	2.35	1.35
				132.67	288.18	324.27	48.38	219.82	231.74	182.56	92.69
677	-12.51	29.75	616	1.81	4.85	5.66	7.93	7.48	4.32	2.25	1.18
				3.64	298.12	325.22	51.26	224.85	284.86	188.37	141.24
678	-11.48	29.84	616	2.72	5.88	8.86	8.71	7.73	3.78	2.62	.94
				346.82	285.58	318.89	42.54	218.91	288.15	89.28	128.26



TABLE VIII.- Continued

(f) Continued

TORSION 75 PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
653	2.44	12.64	615	5.3#	5.3#	.57	1.66	1.25	1.48	.92	.73 AMP
654	.52	12.43	615	287.34	126.31	215.3#	7.36	46.46	194.24	79.22	187.72 PHASE
655	-1.25	11.98	615	4.43	4.88	1.52	1.69	1.3#	1.4#	.85	.65 AMP
656	-2.2#	11.91	614	296.48	12# 42	218.89	352.2#	18.12	163.47	41.17	147.84 PHASE
657	-3.13	11.74	615	4.84	4.52	.66	1.63	1.38	1.42	.86	.78 AMP
658	-4.83	11.34	615	313.26	13# 37	221.54	4.85	23.54	188.15	63.18	167.89 PHASE
659	1.72	18.98	617	3.92	4.34	.77	1.53	1.29	1.43	.81	.71 AMP
66#	-.84	9.81	616	322.41	137.25	221.54	11.73	32.82	189.82	68.65	175.38 PHASE
661	-1.65	9.61	616	3.79	4.19	.87	1.45	1.38	1.36	.81	.59 AMP
662	-3.47	9.11	616	325.97	127.94	197.2#	351.87	3.86	149.72	25.82	116.69 PHASE
663	-5.38	9.24	616	3.89	4.1#	1.81	1.39	1.43	1.35	.8#	.49 AMP
664	-6.28	18.3#	617	335.81	132.3#	192.85	352.84	9.84	146.87	23.36	188.51 PHASE
665	-7.87	18.7#	615	4.62	4.61	.15	1.63	1.29	1.15	.67	.32 AMP
666	1.14	8.2#	616	274.58	111.31	272.88	342.21	3.87	155.19	54.66	118.57 PHASE
667	-.48	6.64	616	3.82	4.84	.3#	1.63	1.33	1.83	.71	.32 AMP
668	-2.16	6.39	616	283.12	111.51	251.48	329.73	345.92	138.2#	28.55	96.38 PHASE
669	-4.85	6.85	616	3.24	3.63	.35	1.62	1.44	1.13	.76	.33 AMP
67#	-5.89	7.77	616	3# 3.20	127.84	244.88	356.21	9.58	162.16	69.94	134.41 PHASE
671	-7.85	8.84	616	2.94	3.32	.55	1.51	1.63	1.18	.66	.25 AMP
672	-8.81	9.63	616	328.62	127.87	214.12	342.92	353.17	135.13	37.14	66.8# PHASE
673	-1.22	4.76	616	3.28	3.21	.74	1.39	1.68	1.23	.57	.34 AMP
674	-2.83	4.46	616	348.84	132.5#	194.29	329.41	343.7#	115.28	.76	354.88 PHASE
675	-4.58	4.46	615	3.53	3.27	.83	1.34	1.67	1.3#	.61	.39 AMP
676	-6.48	5.69	616	354.86	143.55	198.14	344.18	5.69	135.27	25.48	15.36 PHASE
677	-8.21	7.24	616	3.9#	3.32	.83	1.27	1.69	1.32	.45	.4# AMP
678	-9.29	8.24	616	1.82	148.97	198.11	348.69	12.91	138.19	28.87	24.12 PHASE
				3.96	3.4#	.36	1.34	1.19	.66	.42	.88 AMP
				267.5#	185.79	387.55	329.1#	356.53	132.19	29.98	76.19 PHASE
				3.24	2.78	.49	1.39	1.16	.58	.42	.12 AMP
				281.58	121.16	296.41	345.88	14.27	152.66	68.58	183.28 PHASE
				2.63	2.36	.5#	1.37	1.2#	.7#	.35	.14 AMP
				295.53	128.94	269.24	337.28	359.12	132.76	24.87	144.68 PHASE
				2.3#	2.17	.64	1.26	1.37	.8#	.35	.86 AMP
				318.88	133.52	223.35	328.76	343.57	188.53	336.5#	16.81 PHASE
				2.7#	2.3#	.77	1.18	1.36	.87	.37	.2# AMP
				351.28	157.55	237.75	338.67	12.9#	144.16	351.62	34.68 PHASE
				3.62	2.57	.98	1.14	1.45	.98	.38	.26 AMP
				7.56	168.68	285.88	316.21	356.31	119.54	289.87	347.85 PHASE
				4.27	2.71	1.84	1.1#	1.45	1.83	.42	.31 AMP
				15.64	168.59	286.44	324.38	7.7#	132.84	293.61	4.89 PHASE
				2.53	1.82	.43	1.86	.87	.44	.25	.31 AMP
				278.14	186.39	281.86	328.65	357.35	185.94	9.3#	67.82 PHASE
				1.81	1.46	.39	1.85	.92	.58	.27	.23 AMP
				298.45	138.57	268.92	327.88	.63	189.16	12.3#	83.47 PHASE
				1.59	1.48	.54	.99	1.14	.51	.27	.21 AMP
				328.75	159.11	258.87	348.54	17.61	127.37	7.94	47.15 PHASE
				2.23	1.78	.68	.99	1.28	.51	.38	.28 AMP
				357.84	167.27	219.36	388.38	346.98	187.4#	281.6#	328.7# PHASE
				3.21	2.12	.9#	.99	1.21	.66	.47	.36 AMP
				15.42	188.2#	216.27	318.6#	1.57	129.82	271.51	352.79 PHASE
				4.82	2.44	1.87	1.83	1.28	.73	.53	.33 AMP
				19.69	179.93	284.26	383.36	355.42	123.73	261.75	351.87 PHASE

TABLE VIII.- Continued

(f) Concluded

PITCH LINK												
RUN NO		2#										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
653	-3.87	12.74	615	3.44	2.81	2.14	3.25	3.89	1.56	.23	2.68	AMP
				123.55	338.99	257.72	168.51	265.83	359.13	133.41	265.96	PHASE
654	-1.96	13.33	615	2.72	2.48	1.94	3.47	3.78	1.65	.16	2.18	AMP
				146.24	344.23	242.54	137.19	237.27	341.89	288.18	237.86	PHASE
655	-.18	15.23	615	2.81	2.39	1.55	3.78	4.44	1.52	.24	2.18	AMP
				175.88	1.58	242.12	148.16	251.79	355.55	388.88	246.67	PHASE
656	.95	16.19	614	3.15	2.47	2.32	3.82	4.71	1.39	.43	2.13	AMP
				187.77	18.51	242.71	143.33	265.18	9.22	381.78	255.81	PHASE
657	1.95	16.66	615	3.73	2.58	1.88	3.88	4.93	1.25	.34	1.98	AMP
				192.36	.87	219.17	118.28	234.78	336.32	258.73	281.34	PHASE
658	2.99	17.61	615	4.34	2.66	.77	3.92	5.29	1.34	.52	1.86	AMP
				199.29	5.77	282.14	117.28	239.23	331.54	268.55	197.83	PHASE
659	-2.48	9.29	617	2.72	1.77	2.16	2.67	2.72	.68	.65	1.82	AMP
				81.68	315.41	198.98	134.76	226.51	312.24	95.87	216.39	PHASE
668	-.78	9.49	616	1.79	1.29	1.99	2.95	3.24	.88	.48	.97	AMP
				185.88	331.25	179.93	116.43	287.96	289.17	76.85	195.83	PHASE
661	.84	18.71	616	1.28	1.17	2.18	3.83	3.83	.76	.14	.64	AMP
				151.22	2.62	187.19	133.27	236.14	321.47	183.52	246.98	PHASE
662	2.61	11.66	616	1.81	1.33	1.97	3.22	4.28	.66	.19	.74	AMP
				197.86	16.48	163.87	117.41	222.38	318.23	181.76	194.91	PHASE
663	4.53	11.86	616	3.15	1.79	2.85	3.58	4.46	.75	.54	.98	AMP
				213.52	21.87	136.56	187.95	214.72	388.47	43.82	151.68	PHASE
664	5.48	13.33	617	4.12	2.82	2.87	3.58	4.71	.99	.67	.99	AMP
				219.74	38.52	137.45	123.58	235.56	323.88	62.35	181.53	PHASE
665	6.31	14.96	615	5.83	2.27	2.28	3.44	4.73	1.89	.81	.95	AMP
				222.45	35.58	131.47	127.48	248.31	329.41	49.47	181.75	PHASE
666	-1.31	7.91	616	2.77	.79	2.31	1.87	2.57	.65	.49	.64	AMP
				55.77	332.52	165.34	132.17	285.99	291.63	74.68	236.41	PHASE
667	.27	7.76	616	1.75	.68	2.48	2.87	2.76	.71	.48	.41	AMP
				59.25	31.79	169.58	148.97	222.23	388.65	72.92	274.86	PHASE
668	1.98	9.48	616	.58	.87	2.27	2.11	3.41	.64	.89	.47	AMP
				49.82	58.84	153.88	124.66	212.12	319.99	358.67	269.96	PHASE
669	3.84	8.89	616	.98	1.24	2.32	2.37	3.65	.62	.39	.45	AMP
				223.19	44.95	138.39	188.86	198.81	385.51	48.75	197.85	PHASE
678	5.59	18.76	616	2.56	1.72	2.56	2.53	3.39	.72	.74	.71	AMP
				228.18	57.81	135.72	135.14	231.98	358.63	64.78	286.88	PHASE
671	7.68	13.53	616	4.65	2.28	3.81	2.75	3.74	1.18	.65	.93	AMP
				226.54	47.63	186.84	119.22	213.19	338.66	48.79	176.98	PHASE
672	8.62	14.64	616	5.83	2.48	3.28	2.76	3.78	1.48	.71	1.82	AMP
				226.66	58.33	186.51	129.86	222.99	343.45	64.34	186.24	PHASE
673	1.53	8.65	616	2.56	.89	2.75	1.25	2.44	.94	.17	.65	AMP
				19.95	78.85	139.21	123.85	194.87	275.26	236.17	235.39	PHASE
674	3.15	9.25	616	1.38	1.36	2.49	1.45	3.88	.84	.45	.52	AMP
				5.25	79.83	138.82	119.91	288.87	291.17	237.88	257.86	PHASE
675	4.81	8.93	615	1.17	1.75	2.64	1.76	3.14	.65	.32	.34	AMP
				297.35	88.14	139.58	135.15	223.17	384.43	315.51	258.65	PHASE
676	6.78	9.96	616	2.78	2.21	3.18	1.96	2.92	.49	.22	.55	AMP
				258.89	62.27	187.58	115.89	198.89	314.18	53.59	182.84	PHASE
677	8.55	11.47	616	4.68	2.64	3.57	2.88	2.82	.98	.42	.67	AMP
				241.47	61.54	182.66	127.69	282.23	354.44	77.84	191.74	PHASE
678	9.62	13.33	616	6.81	2.95	3.88	2.16	2.93	1.16	.58	.92	AMP
				235.87	53.72	89.99	122.48	195.76	339.73	98.94	184.68	PHASE

TABLE VIII.- Continued

(g) $\mu = 0.40$; $M_T = 0.68$

PT.	A1	B1	THETA	CL/SIGMA	CD/SIGMA	CB/SIGMA
693	.2	2.5	2.0	.02082	.00302	.00155
694	-.1	3.7	3.9	.03370	.00287	.00170
695	-.5	5.2	6.0	.04604	.00244	.00200
696	-.9	6.3	7.9	.05821	.00229	.00249
697	-1.4	7.5	9.8	.07007	.00188	.00309
698	.3	2.5	3.9	.01059	.00231	.00189
699	-.1	3.7	6.0	.02412	.00080	.00248
700	-.5	4.9	7.9	.03520	-.00034	.00311
701	-1.0	6.0	9.9	.04761	-.00168	.00380
702	-1.6	7.2	11.9	.06024	-.00316	.00475
703	-2.2	8.4	13.8	.07182	-.00478	.00573
704	-.1	4.0	7.9	.01348	.00129	.00241
705	-.4	5.3	10.0	.02796	-.00155	.00356
706	-1.1	6.4	11.9	.03858	-.00363	.00453
707	-1.5	7.7	13.9	.04997	-.00617	.00574
708	-2.3	8.6	15.9	.06293	-.00863	.00719
709	-2.5	9.0	16.9	.06917	-.00994	.00805
710	-2.9	9.6	17.9	.07599	-.01159	.00889

TABLE VIII.- Continued

(g) Continued

FLAPWISE 25 PERCENT RADIUS											
RUN NO 21											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
693	48.68	38.83	658	14.84	18.89	18.32	7.82	9.84	3.16	4.49	5.57 AMP
				155.98	333.82	63.69	2.26	121.78	7.59	231.33	61.61 PHASE
694	42.17	39.29	658	14.71	18.59	18.12	7.41	9.74	3.13	4.42	5.92 AMP
				158.25	322.87	46.19	342.81	94.88	335.28	281.15	21.28 PHASE
695	43.79	39.54	658	15.88	18.47	9.97	7.26	18.26	2.68	3.81	5.89 AMP
				148.76	322.88	41.31	334.38	98.59	335.45	288.93	18.52 PHASE
696	45.19	38.52	649	15.34	18.84	9.76	7.53	18.34	2.35	2.44	5.91 AMP
				158.42	328.81	48.71	345.86	187.82	357.69	222.12	47.99 PHASE
697	46.61	37.68	649	15.38	18.77	9.57	7.43	18.64	2.29	1.54	4.94 AMP
				144.55	321.68	34.48	326.23	88.98	327.84	188.68	23.25 PHASE
698	48.92	27.95	658	12.93	8.32	7.25	3.64	7.88	2.85	2.94	2.68 AMP
				154.49	331.35	27.57	328.98	67.28	321.64	218.85	13.42 PHASE
699	42.75	28.28	658	13.24	8.82	7.74	4.28	8.32	2.83	2.78	2.61 AMP
				155.64	336.27	31.49	333.86	72.64	329.89	236.61	31.89 PHASE
788	44.23	29.69	651	13.75	9.48	7.89	5.84	9.18	2.71	2.58	2.85 AMP
				154.58	337.46	27.81	332.59	73.51	324.73	238.82	47.28 PHASE
781	45.89	29.78	658	13.98	9.41	8.31	5.58	9.58	2.58	2.35	2.99 AMP
				148.73	338.73	16.67	317.88	68.49	384.65	221.89	33.64 PHASE
782	47.58	29.43	658	13.85	9.58	8.36	5.69	9.72	2.94	1.74	2.28 AMP
				146.74	333.44	18.34	318.38	69.62	388.58	228.53	48.34 PHASE
783	49.83	28.18	658	13.89	9.55	8.17	5.68	9.65	3.23	1.12	1.58 AMP
				138.74	325.43	.79	297.89	51.74	298.58	282.12	14.64 PHASE
784	43.12	23.67	649	11.92	7.71	4.79	2.88	6.26	1.78	1.78	1.89 AMP
				158.25	339.38	13.69	351.74	58.78	331.28	248.62	15.18 PHASE
785	45.88	24.86	658	12.16	7.88	5.25	3.21	7.45	1.65	1.64	1.52 AMP
				154.26	337.99	8.78	339.13	47.38	388.82	244.68	38.94 PHASE
786	46.48	25.88	658	12.28	8.13	5.68	3.83	7.76	1.87	1.49	1.78 AMP
				151.32	338.92	7.28	336.23	58.18	382.21	237.39	38.17 PHASE
787	48.87	25.34	658	12.37	8.71	5.66	4.44	7.63	1.88	1.22	1.37 AMP
				147.68	348.39	4.89	334.81	53.97	382.83	226.43	48.25 PHASE
788	49.89	24.55	658	12.12	8.98	5.47	4.67	8.87	1.91	.76	1.46 AMP
				139.86	334.82	352.86	318.98	42.83	285.56	196.91	19.18 PHASE
789	58.84	25.21	658	12.88	9.33	5.49	4.98	8.28	1.95	.56	1.34 AMP
				134.53	333.73	346.28	312.39	38.48	276.28	182.81	18.91 PHASE
718	51.92	24.99	651	11.94	9.49	5.18	4.78	8.22	1.86	.45	1.31 AMP
				129.22	332.88	348.12	387.35	39.97	288.47	188.83	2.67 PHASE

CHORDWISE 25 PERCENT RADIUS											
RUN NO 21											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
693	63.33	55.97	658	18.68	18.98	6.12	9.12	4.29	8.48	6.82	1.79 AMP
				269.54	145.69	288.88	85.74	2.81	87.89	131.64	94.91 PHASE
694	61.78	68.29	658	21.71	14.96	18.51	18.38	5.45	11.66	9.89	1.37 AMP
				277.48	141.58	275.85	59.88	342.78	68.83	94.59	79.63 PHASE
695	59.52	69.32	658	25.87	19.55	14.71	9.85	5.76	14.28	18.65	1.88 AMP
				292.59	144.88	276.83	43.75	342.94	52.34	92.13	187.19 PHASE
696	57.73	88.44	649	31.33	25.53	18.33	12.88	4.97	16.74	12.62	1.69 AMP
				318.53	156.15	284.98	49.67	338.31	88.18	117.52	156.97 PHASE
697	55.92	86.17	649	39.17	29.42	22.82	13.35	6.26	19.28	14.33	2.21 AMP
				328.79	154.51	272.48	28.47	298.27	98.18	182.68	152.48 PHASE
698	68.77	49.69	658	17.15	9.43	6.96	9.64	7.66	5.46	3.83	.91 AMP
				268.84	135.36	256.61	78.83	388.83	58.94	68.28	29.21 PHASE
699	61.25	52.35	658	18.13	12.34	11.17	18.85	7.73	7.17	5.29	.95 AMP
				278.68	144.42	268.87	67.57	324.32	65.26	83.56	72.35 PHASE
788	62.12	61.78	651	22.12	17.78	13.91	12.21	8.52	7.16	6.25	.48 AMP
				294.16	152.17	278.43	54.25	294.21	71.96	98.33	96.88 PHASE
781	62.85	76.81	658	27.59	23.46	18.89	14.89	18.49	9.38	7.65	1.67 AMP
				389.76	158.74	255.98	38.97	278.12	84.58	71.85	139.82 PHASE
782	61.93	87.99	658	36.28	26.25	23.21	15.95	18.53	12.83	8.62	2.24 AMP
				325.71	168.42	258.76	43.41	298.78	111.58	91.98	168.89 PHASE
783	61.27	95.78	658	45.83	29.57	28.88	16.74	9.41	16.22	9.54	2.25 AMP
				338.48	157.85	247.37	26.55	268.93	181.93	75.74	139.88 PHASE
784	59.22	39.67	649	13.96	8.78	7.88	18.23	6.35	1.73	2.89	2.88 AMP
				262.24	168.24	249.29	75.52	291.67	23.86	69.98	47.27 PHASE
785	61.58	51.42	658	16.36	14.88	18.72	12.29	7.94	3.62	4.83	.68 AMP
				298.53	157.38	249.54	44.81	259.21	31.89	52.98	163.91 PHASE
786	63.33	64.12	658	21.83	17.89	15.33	15.89	18.84	5.58	4.98	1.27 AMP
				311.27	165.18	245.17	37.82	254.38	83.32	64.62	153.48 PHASE
787	65.11	76.42	658	31.57	21.78	21.62	18.42	11.38	8.88	5.71	1.68 AMP
				327.88	172.89	246.61	39.24	258.34	118.97	83.71	178.47 PHASE
788	66.39	93.96	658	44.14	25.47	29.28	18.78	11.36	7.42	6.23	1.88 AMP
				336.93	174.25	248.28	27.19	228.61	97.92	74.84	178.61 PHASE
789	67.17	188.66	658	53.14	27.37	32.67	19.48	11.66	8.21	6.69	2.38 AMP
				341.19	175.48	238.71	22.76	214.68	89.88	69.18	171.88 PHASE
718	67.62	116.19	651	62.86	29.23	35.68	17.88	12.53	6.81	6.51	2.28 AMP
				345.88	179.68	239.41	28.16	213.71	79.53	67.88	179.17 PHASE

TABLE VIII.- Continued

(g) Continued

TORSION 28 PERCENT RADIUS											
RUN NO		21									
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
693	4.88	13.53	650	5.48	5.86	1.58	3.17	2.63	2.18	.98	.76 AMP
				298.43	136.83	73.79	338.91	75.17	178.68	344.44	63.42 PHASE
694	2.57	13.44	650	4.66	4.53	1.39	3.21	2.78	2.14	1.17	.77 AMP
				296.88	138.21	39.63	385.57	44.53	157.23	316.55	47.88 PHASE
695	.17	13.87	650	3.97	4.15	1.25	2.99	3.18	2.85	1.21	.77 AMP
				313.54	132.83	27.81	381.14	33.35	153.46	325.58	46.89 PHASE
696	-2.31	13.39	649	3.96	3.81	.84	2.93	3.47	1.78	1.48	.84 AMP
				337.31	147.88	13.42	387.83	58.12	183.73	13.27	96.48 PHASE
697	-4.92	13.71	649	4.74	3.62	.69	2.98	4.21	1.38	1.36	.76 AMP
				354.74	144.38	337.69	286.48	35.98	157.88	9.42	75.24 PHASE
698	4.86	12.82	650	5.29	4.38	2.86	2.83	1.88	1.83	.71	.35 AMP
				263.98	189.42	2.86	289.34	36.58	115.27	327.65	.33 PHASE
699	1.71	18.49	650	3.98	3.68	2.11	2.94	1.87	.79	1.87	.22 AMP
				275.88	115.17	357.85	292.23	34.45	128.78	345.96	37.12 PHASE
700	-.48	18.41	651	2.94	2.95	2.34	2.83	2.25	.71	1.48	.52 AMP
				284.66	117.82	343.95	289.23	28.73	151.56	.74	189.68 PHASE
701	-2.98	9.91	650	2.38	2.47	2.12	2.93	2.89	.65	1.43	.56 AMP
				313.93	121.23	329.74	277.88	21.84	188.64	342.23	186.88 PHASE
702	-5.47	18.81	650	2.65	2.29	2.18	3.22	3.52	.74	1.28	.28 AMP
				353.97	129.59	324.86	282.65	36.16	115.27	346.48	146.53 PHASE
703	-7.92	11.68	650	3.87	2.25	2.24	3.26	4.83	.98	.88	.19 AMP
				14.28	136.29	385.28	265.64	24.86	96.94	329.73	136.16 PHASE
704	1.15	8.98	649	3.86	2.11	2.37	2.11	1.49	.46	.58	.14 AMP
				268.58	111.14	332.67	289.77	17.79	82.84	346.17	147.78 PHASE
705	-1.42	8.93	650	2.61	1.47	2.32	1.99	1.98	.34	1.88	.48 AMP
				273.93	113.23	316.15	276.72	1.92	115.49	336.88	189.73 PHASE
706	-3.61	8.88	650	1.82	1.11	2.51	2.16	2.41	.21	.88	.59 AMP
				295.97	122.89	318.95	275.41	13.56	135.49	337.88	114.26 PHASE
707	-5.99	8.56	650	1.84	1.88	2.82	2.28	2.66	.19	.78	.39 AMP
				344.14	145.14	383.55	278.53	28.42	156.13	338.37	185.89 PHASE
708	-8.63	9.56	650	3.07	1.18	3.19	2.32	2.78	.58	.78	.46 AMP
				13.38	157.25	283.37	268.86	17.96	134.24	384.83	75.83 PHASE
709	-18.85	18.86	650	4.83	1.27	3.53	2.25	2.89	.63	.76	.49 AMP
				28.63	168.67	276.91	266.85	16.78	133.82	297.89	71.62 PHASE
710	-11.56	11.88	651	5.23	1.32	3.78	1.98	2.83	.82	.77	.52 AMP
				24.93	169.83	275.72	266.64	15.19	128.76	287.73	78.91 PHASE

TABLE VIII.- Continued

(g) Continued

FLAPWISE 37 PERCENT RADIUS											
RUN NO 21											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
693	22.14	36.21	65#	19.45	14.4#	18.66	6.28	4.1#	.93	.45	2.86 AMP
				147.28	333.87	58.5#	353.##	133.36	22.89	311.21	229.22 PHASE
694	23.54	37.26	65#	2# 51	14.96	18.81	6.38	3.9#	.94	.4#	2.14 AMP
				141.97	323.82	42.##	334.99	185.98	353.91	268.35	188.5# PHASE
695	25.12	37.24	65#	21.11	15.85	11.##	6.22	4.17	.85	.35	2.88 AMP
				141.13	321.84	38.53	328.15	182.37	1.2#	254.32	186.94 PHASE
696	26.4#	38.35	649	22.##	15.7#	11.38	6.1#	4.26	.75	.51	2.13 AMP
				143.77	327.38	47.14	339.96	117.89	37.83	262.6#	214.89 PHASE
697	27.78	38.53	649	22.63	15.9#	11.73	5.89	4.52	.53	.71	1.87 AMP
				139.63	319.74	35.81	321.35	98.32	31.7#	239.##	191.45 PHASE
698	23.39	26.58	65#	16.96	11.71	7.56	3.7#	3.53	.76	.25	1.13 AMP
				141.67	331.92	33.94	322.33	69.98	324.6#	222.7#	184.16 PHASE
699	25.89	28.29	65#	17.72	12.32	8.22	4.14	3.74	.87	.26	.99 AMP
				143.52	335.58	39.57	328.48	74.53	334.18	238.18	199.59 PHASE
7#	26.43	29.79	651	18.84	13.22	8.55	4.61	4.18	.81	.31	1.8# AMP
				143.34	336.3#	38.57	329.##	75.48	342.85	239.43	212.76 PHASE
7#1	27.89	32.85	65#	19.73	13.72	9.7#	4.93	4.26	.9#	.32	.98 AMP
				148.89	327.94	27.89	314.88	62.8#	326.9#	226.57	198.59 PHASE
7#2	29.38	33.23	65#	2# 37	14.83	18.25	4.88	4.35	.79	.45	.67 AMP
				148.76	329.79	38.45	316.31	78.21	325.57	239.55	218.11 PHASE
7#3	38.84	34.19	65#	21.25	14.34	18.82	4.61	4.48	.72	.53	.45 AMP
				135.58	321.69	17.34	298.9#	58.34	299.87	215.83	171.8# PHASE
7#4	26.37	21.58	649	14.99	18.45	5.22	2.85	3.17	.4#	.16	.6# AMP
				143.48	341.38	32.23	333.56	54.74	381.86	224.76	198.28 PHASE
7#5	28.81	23.22	65#	15.9#	18.89	6.13	2.73	3.8#	.4#	.2#	.6# AMP
				141.48	337.53	28.17	324.19	43.95	381.29	197.26	194.16 PHASE
7#6	29.42	24.6#	65#	16.86	11.43	7.89	3.12	4.8#	.41	.12	.63 AMP
				148.95	338.14	28.12	325.4#	46.92	298.63	225.37	283.8# PHASE
7#7	38.95	26.26	65#	18.8#	12.38	7.8#	3.45	3.94	.37	.11	.47 AMP
				148.46	338.65	29.51	326.87	48.95	285.51	265.89	288.84 PHASE
7#8	32.56	28.25	65#	18.82	13.81	8.56	3.52	4.32	.4#	.26	.47 AMP
				136.91	332.51	23.16	312.98	36.11	241.95	238.95	173.38 PHASE
7#9	33.36	28.79	65#	19.41	13.59	8.89	3.61	4.44	.47	.31	.45 AMP
				135.44	338.34	28.14	387.49	38.81	226.48	221.86	158.95 PHASE
71#	34.34	28.95	651	19.67	13.68	8.72	3.47	4.55	.43	.35	.42 AMP
				134.26	328.77	18.79	383.46	32.52	228.89	243.18	151.67 PHASE

CHORDWISE 37 PERCENT RADIUS											
RUN NO 21											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
693	31.36	68.97	65#	19.82	9.43	4.89	12.33	5.84	11.57	18.83	5.11 AMP
				288.61	144.57	323.83	76.58	2.48	84.86	129.43	192.79 PHASE
694	38.8#	72.46	65#	22.52	13.87	8.15	15.56	6.37	17.54	15.23	6.21 AMP
				285.85	141.7#	299.75	51.28	348.23	56.96	92.96	155.66 PHASE
695	27.53	84.67	65#	26.98	17.1#	12.96	16.51	6.32	22.84	17.37	6.56 AMP
				295.91	145.22	298.69	41.18	338.26	46.82	91.53	153.8# PHASE
696	25.31	97.11	649	32.34	22.41	16.82	28.21	4.92	26.88	19.41	5.94 AMP
				318.74	158.26	389.83	58.64	318.54	82.85	121.22	187.9# PHASE
697	22.76	182.73	649	39.84	26.37	28.66	22.87	7.56	38.93	21.68	4.84 AMP
				318.24	157.24	298.82	31.89	279.42	86.86	187.92	157.97 PHASE
698	29.8#	58.69	65#	15.29	7.69	3.81	12.77	11.86	7.84	6.39	1.83 AMP
				272.66	139.13	269.86	68.11	383.89	45.98	64.66	133.83 PHASE
699	28.92	59.12	65#	17.83	18.34	7.73	15.47	11.42	18.83	9.47	2.33 AMP
				287.88	148.58	282.77	59.84	323.11	57.96	83.46	137.29 PHASE
7#	29.24	66.3#	651	22.3#	14.91	18.11	18.18	11.61	11.39	9.87	2.4# AMP
				298.41	156.61	287.94	49.84	295.48	61.44	91.38	152.38 PHASE
7#1	28.39	77.19	65#	27.42	19.75	13.68	22.84	13.71	13.97	12.38	3.85 AMP
				388.14	154.11	276.75	35.38	277.18	76.6#	73.31	138.6# PHASE
7#2	27.71	86.62	65#	34.57	22.51	18.32	24.12	13.73	19.52	13.91	2.98 AMP
				328.57	163.75	288.46	48.3#	289.27	188.78	94.37	141.23 PHASE
7#3	25.98	93.69	65#	41.99	26.84	23.34	25.59	12.67	25.21	15.21	3.8# AMP
				324.97	162.95	278.5#	24.18	271.11	181.55	88.25	182.13 PHASE
7#4	27.24	37.17	649	12.31	7.21	3.93	13.67	9.29	2.98	4.79	1.22 AMP
				274.77	171.21	248.97	64.38	295.87	15.42	68.15	126.83 PHASE
7#5	28.45	49.56	65#	15.76	11.77	6.35	17.37	18.28	6.59	6.36	1.8# AMP
				295.38	165.87	261.97	48.29	261.58	16.14	57.34	143.22 PHASE
7#6	29.48	63.4#	65#	28.77	15.18	9.96	21.33	13.95	8.81	8.26	2.16 AMP
				383.48	171.2#	259.12	35.89	254.83	74.43	61.91	137.8# PHASE
7#7	38.22	79.33	65#	28.57	18.7#	14.98	26.11	14.83	12.63	9.38	2.7# AMP
				321.57	177.87	261.18	36.83	251.15	189.58	81.47	139.6# PHASE
7#8	38.19	94.37	65#	38.84	22.43	21.89	27.13	13.85	11.72	9.41	3.11 AMP
				329.41	179.82	255.29	25.86	230.13	109.62	77.14	132.83 PHASE
7#9	38.83	183.96	65#	44.87	24.5#	23.89	28.54	13.86	12.79	9.76	3.37 AMP
				333.41	179.83	258.15	28.7#	216.23	93.1#	73.2#	137.49 PHASE
71#	29.34	111.4#	651	52.12	27.2	26.61	26.65	14.14	18.58	8.79	3.15 AMP
				338.87	183.35	257.37	18.79	215.78	85.88	68.8#	143.64 PHASE

TABLE VIII.- Continued

(g) Continued

TORSION 36 PERCENT RADIUS												
RUN NO 21												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
693	4.88	13.58	658	5.84	5.58	1.21	2.77	2.28	1.88	.92	.49	AMP
				288.83	116.57	64.17	298.42	32.91	132.57	384.28	14.88	PHASE
694	1.82	13.65	658	5.28	5.88	5.92	2.83	2.31	1.88	1.87	.54	AMP
				298.85	188.56	29.94	273.29	1.91	111.83	273.99	359.91	PHASE
695	-5.56	13.35	658	4.82	4.71	2.71	2.63	2.59	1.72	1.18	.56	AMP
				318.65	188.76	22.18	269.88	358.96	188.12	288.95	.73	PHASE
696	-3.88	13.51	649	5.82	4.37	1.16	2.58	2.84	1.49	1.38	.67	AMP
				329.66	119.93	357.65	277.19	8.11	136.74	322.84	58.21	PHASE
697	-5.49	13.99	649	5.77	4.18	1.38	2.56	3.39	1.86	1.19	.63	AMP
				341.31	113.99	289.74	268.18	354.93	188.38	314.37	25.49	PHASE
698	4.89	42.16	658	6.42	5.12	1.81	2.48	.78	.45	.89	.54	AMP
				259.25	81.47	336.14	271.93	19.81	341.14	.12	178.64	PHASE
699	2.84	55.24	658	3.76	5.99	1.93	2.18	1.98	1.87	1.26	.25	AMP
				278.88	85.31	28.15	289.83	35.71	46.92	17.88	7.59	PHASE
788	-6.61	56.49	651	4.23	4.54	1.34	2.58	1.26	.37	.91	.26	AMP
				285.31	86.54	281.76	278.86	354.96	43.13	332.91	358.43	PHASE
781	-3.48	32.77	658	3.52	3.47	1.12	2.68	2.28	.56	1.15	.16	AMP
				318.58	94.48	288.52	253.35	343.25	38.89	384.48	15.78	PHASE
782	-6.85	11.22	658	3.86	3.89	1.39	2.89	2.86	.73	1.82	.18	AMP
				343.13	182.51	286.41	284.15	353.39	78.14	298.65	75.88	PHASE
783	-8.48	11.98	658	4.89	3.88	1.44	2.85	3.28	.88	.73	.85	AMP
				356.52	181.58	268.18	248.22	343.49	48.84	282.15	75.88	PHASE
784	1.87	64.22	649	3.37	5.18	1.44	1.69	.86	.29	.75	.58	AMP
				265.56	75.82	291.51	294.48	53.18	21.39	88.51	146.94	PHASE
785	-7.77	52.48	658	2.94	3.48	3.54	3.53	2.26	1.88	.46	.89	AMP
				343.23	45.76	387.83	268.72	281.62	162.88	237.98	69.71	PHASE
786	-4.38	7.61	658	2.71	1.83	1.76	2.87	2.86	.29	.79	.44	AMP
				312.98	94.22	279.91	245.84	338.35	85.33	289.67	55.33	PHASE
787	-6.62	8.62	658	3.14	1.68	2.84	2.15	2.24	.27	.71	.29	AMP
				341.85	186.91	271.69	248.22	345.86	95.54	283.28	48.57	PHASE
788	-9.16	9.48	658	4.24	1.55	2.41	2.13	2.34	.54	.72	.33	AMP
				358.83	112.79	258.53	237.34	335.24	81.84	254.84	14.23	PHASE
789	-18.57	9.93	658	5.87	1.65	2.69	2.87	2.43	.64	.71	.37	AMP
				4.99	116.99	243.91	235.72	334.52	81.48	246.51	18.32	PHASE
718	-12.82	18.97	651	6.88	1.62	2.80	1.83	2.43	.77	.73	.37	AMP
				9.49	121.47	241.42	238.38	334.65	76.74	241.27	18.47	PHASE

TABLE VIII.- Continued

(g) Continued

FLAPWISE 51 PERCENT RADIUS												
RUN NO		21										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
693	4.32	53.76	650	26.65	19.36	11.35	1.69	5.24	3.17	3.98	5.57	AMP
				140.94	334.74	46.38	32.33	297.54	107.00	48.36	234.00	PHASE
694	5.88	56.42	650	27.91	20.22	11.68	1.72	5.17	2.90	3.86	5.93	AMP
				136.52	324.15	31.23	7.55	269.28	155.63	18.54	194.90	PHASE
695	7.89	56.19	650	28.72	20.54	12.16	1.95	5.27	1.37	3.43	5.78	AMP
				136.09	322.25	29.85	355.25	262.09	152.21	20.07	193.15	PHASE
696	9.47	57.71	649	29.90	21.37	12.79	1.96	5.30	2.09	2.09	5.00	AMP
				139.43	327.81	39.78	2.13	276.39	168.29	42.12	223.04	PHASE
697	11.16	56.20	649	30.65	21.72	13.51	2.20	5.49	2.12	1.28	4.81	AMP
				135.74	320.20	29.29	343.49	256.40	137.20	.49	198.56	PHASE
698	6.49	42.90	650	23.43	16.32	7.90	1.46	3.79	2.26	2.52	2.75	AMP
				134.62	330.00	26.34	1.19	256.43	134.99	24.49	186.03	PHASE
699	8.41	45.07	650	24.40	17.12	8.72	1.50	3.95	2.22	2.37	2.65	AMP
				136.95	334.11	34.32	10.66	259.52	140.95	44.23	203.95	PHASE
700	9.95	46.42	651	25.73	18.15	9.40	1.88	4.15	2.19	2.14	2.83	AMP
				137.15	335.12	35.59	8.66	250.79	130.64	44.33	220.48	PHASE
701	11.70	47.97	650	26.83	18.87	11.04	2.12	4.48	2.17	1.96	2.97	AMP
				134.47	327.22	25.11	346.83	241.49	108.17	26.84	207.04	PHASE
702	13.49	48.80	650	27.73	19.48	11.96	2.19	4.65	2.49	1.38	2.28	AMP
				135.87	328.70	31.01	348.42	247.18	114.53	32.85	219.47	PHASE
703	15.19	49.36	650	28.79	20.11	12.98	2.50	4.62	2.55	.83	1.62	AMP
				131.78	320.03	19.94	333.20	229.67	93.12	358.02	185.07	PHASE
704	10.45	34.19	649	20.91	14.67	5.81	1.09	2.47	1.06	1.33	.99	AMP
				136.66	337.33	30.36	329.53	255.99	146.17	49.21	192.25	PHASE
705	12.26	36.12	650	22.16	15.19	7.09	1.26	2.00	1.00	1.17	1.43	AMP
				135.24	333.04	28.29	319.23	236.70	114.55	63.23	206.44	PHASE
706	13.90	38.20	650	23.32	15.83	8.39	1.38	3.05	1.21	1.05	1.67	AMP
				135.30	333.38	23.74	316.03	237.01	100.65	52.98	213.18	PHASE
707	15.66	40.04	650	24.85	16.94	9.64	1.36	3.11	1.31	.83	1.32	AMP
				135.39	333.79	32.16	316.91	241.75	111.42	44.00	221.35	PHASE
708	17.47	42.31	650	26.11	17.82	11.00	1.47	3.22	1.28	.41	1.46	AMP
				132.97	327.26	27.99	300.36	228.18	94.61	8.00	193.48	PHASE
709	18.40	43.60	650	27.01	18.62	11.71	1.49	3.23	1.29	.18	1.39	AMP
				131.95	325.09	26.43	303.52	222.56	87.54	346.23	106.03	PHASE
710	19.48	44.02	651	27.52	19.78	11.99	1.65	3.01	1.24	1.12	1.40	AMP
				131.59	323.59	26.57	306.20	222.35	88.16	7.67	179.12	PHASE

CHORDWISE 51 PERCENT RADIUS												
RUN NO		21										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
693	10.60	57.81	650	20.59	9.68	2.92	12.61	6.27	11.98	12.88	7.27	AMP
				295.61	150.85	356.84	77.17	4.37	83.66	136.40	201.54	PHASE
694	9.53	70.92	650	24.72	12.71	6.86	16.61	6.07	18.85	17.61	8.19	AMP
				295.31	152.53	320.76	51.59	337.66	55.75	99.21	162.14	PHASE
695	7.51	83.67	650	29.10	15.75	10.53	18.41	5.66	24.29	19.50	8.12	AMP
				300.09	153.45	313.90	42.38	329.71	44.41	97.89	159.07	PHASE
696	5.74	98.66	649	34.70	20.15	14.23	22.67	4.90	29.52	21.30	6.91	AMP
				311.32	163.41	323.79	52.12	290.75	81.20	120.55	192.78	PHASE
697	3.22	114.03	649	40.73	23.52	18.27	25.16	8.73	33.13	24.03	4.62	AMP
				315.44	159.72	311.90	34.26	266.13	86.70	115.09	161.47	PHASE
698	8.25	46.61	650	16.15	8.12	1.62	13.34	12.24	7.96	7.57	2.75	AMP
				290.79	159.05	276.09	59.55	304.82	45.50	70.75	146.51	PHASE
699	8.04	56.80	650	19.40	10.41	4.92	16.57	12.15	11.30	11.26	2.97	AMP
				299.31	163.44	296.28	59.92	322.68	56.39	89.91	142.33	PHASE
700	8.23	66.06	651	24.41	14.35	7.00	19.83	12.55	12.32	11.28	3.02	AMP
				305.39	167.39	303.68	50.83	293.96	50.00	99.85	150.92	PHASE
701	7.10	79.54	650	29.40	10.20	10.59	24.01	14.74	14.42	14.02	2.98	AMP
				309.45	161.28	294.13	36.74	275.63	75.29	80.61	130.02	PHASE
702	6.37	93.63	650	35.56	20.38	14.00	26.68	14.67	20.38	15.78	2.92	AMP
				317.73	168.85	297.13	41.16	285.95	111.30	101.30	122.92	PHASE
703	4.55	103.82	650	41.64	23.34	19.85	28.83	13.63	26.75	17.25	3.41	AMP
				319.54	166.32	285.91	24.97	266.54	105.23	88.02	79.89	PHASE
704	6.77	30.61	649	13.46	8.26	1.66	14.61	10.57	3.21	5.56	1.69	AMP
				294.02	106.30	237.66	62.85	294.67	8.67	73.33	132.36	PHASE
705	7.06	53.21	650	17.65	11.94	3.67	10.66	11.42	7.37	7.16	2.40	AMP
				303.52	175.37	278.22	41.00	263.25	13.68	64.15	141.17	PHASE
706	7.46	66.55	650	22.47	14.92	6.44	22.02	15.10	9.29	9.35	2.07	AMP
				311.62	173.55	275.41	26.79	255.76	75.22	63.56	135.07	PHASE
707	7.42	63.92	650	29.15	17.81	10.56	28.01	16.26	13.48	10.59	3.45	AMP
				319.25	132.59	277.52	30.27	251.69	114.14	85.83	129.78	PHASE
708	6.65	96.35	650	36.00	20.07	15.74	29.62	15.10	12.33	10.61	3.78	AMP
				323.79	131.31	271.42	26.73	230.06	107.16	83.26	122.88	PHASE
709	6.15	106.39	650	42.27	22.50	18.31	31.35	15.15	13.19	10.04	3.81	AMP
				326.32	101.57	271.09	22.12	216.31	99.78	79.41	126.64	PHASE
710	5.11	111.79	651	47.52	24.78	21.12	29.87	15.24	10.27	9.67	3.45	AMP
				333.17	104.91	273.79	19.96	214.00	92.76	74.14	134.47	PHASE

TABLE VIII.- Continued

(g) Continued

TORSION 5# PERCENT RADIUS											
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P
693	4.73	14.82	65#	6.85	6.87	.87	2.94	1.99	2.84	1.27	.44
694	2.4#	14.24	65#	291.96	125.96	92.12	338.23	63.87	164.97	358.95	189.16
695	.81	13.89	65#	5.48	5.56	.59	2.94	2.85	2.85	1.42	.71
696	-2.48	14.89	649	298.99	117.87	48.28	386.87	38.28	142.17	318.58	89.75
697	-4.9#	14.46	649	4.86	5.17	41.92	2.7#	2.37	1.91	1.37	.77
698	3.9#	11.85	65#	313.59	118.73	41.92	383.21	19.33	138.74	322.94	87.62
699	1.62	18.7#	65#	5.8#	4.84	.12	2.62	2.58	1.72	1.54	1.8#
700	-.69	18.15	651	332.94	129.52	221.88	318.38	36.14	165.83	357.28	126.58
701	-3.86	18.93	65#	5.7#	4.67	.58	2.51	3.16	1.44	1.37	.93
702	-5.64	11.82	65#	345.33	123.6#	196.49	294.15	23.26	135.84	344.35	98.45
703	-7.79	12.22	65#	5.42	5.6#	1.27	2.68	1.49	1.23	.86	.28
704	.95	8.83	649	271.85	182.31	8.97	292.13	15.35	111.25	348.81	31.2#
705	-1.54	7.81	65#	4.27	4.91	1.2#	2.75	1.56	1.8#	1.13	.25
706	-3.7#	7.74	65#	285.71	187.64	357.62	295.62	12.26	118.21	351.8#	81.8#
707	-6.83	9.88	65#	3.53	4.37	1.6#	2.66	1.81	1.81	1.49	.52
708	-8.6#	9.99	65#	299.49	189.43	335.5#	294.64	7.23	136.19	357.71	187.82
709	-9.98	18.5#	65#	3.36	3.84	.9#	2.63	2.23	1.84	1.41	.53
710	-11.39	11.26	651	322.65	189.2#	316.18	283.85	359.55	182.18	339.59	184.12
				3.85	3.68	.92	2.79	2.73	1.21	1.17	.16
				349.45	115.29	297.19	288.99	16.47	189.55	341.18	119.36
				4.86	3.64	.99	2.64	3.83	1.38	.88	.87
				2.1#	112.97	262.24	275.83	6.8#	87.41	328.84	1.87
				3.7#	3.46	1.29	2.84	1.38	.54	.65	.19
				278.59	188.61	328.94	292.62	357.86	98.22	352.37	143.52
				2.89	2.7#	1.21	1.96	1.67	.56	1.88	.38
				298.39	182.56	386.89	282.85	343.69	181.57	331.58	187.74
				2.63	2.31	1.29	2.85	2.81	.55	.97	.45
				322.8#	188.3#	297.61	281.25	354.69	189.88	333.15	118.77
				3.19	2.86	1.51	2.12	2.28	.56	.96	.28
				358.98	128.23	285.36	283.88	8.28	117.58	324.68	92.18
				4.39	2.85	1.88	2.13	2.46	.85	.95	.27
				8.25	125.18	259.81	271.68	359.84	185.86	293.25	48.67
				5.26	2.14	2.12	2.89	2.53	.93	.95	.29
				13.78	129.31	253.24	269.63	357.86	183.75	284.98	53.43
				6.25	2.18	2.28	1.86	2.54	1.85	.98	.32
				17.52	132.82	249.88	273.15	.27	183.23	282.23	57.38

TABLE VIII.- Continued

(g) Continued

FLAPWISE 77 PERCENT RADIUS												
RUN NO		21										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
693	-14.23	54.55	65#	32.83	2# .23	12.11	7.99	5.5#	4.28	4.29	6.37	AMP
				132.24	32# .54	17.81	187.89	298.8#	21.34	257.98	44.8#	PHASE
694	-11.6#	56.96	65#	33.81	21.8#	12.8#	8.27	5.55	3.9#	4.12	6.95	AMP
				138.69	321.14	3.1#	165.29	272.19	353.35	228.65	5.29	PHASE
695	-8.54	57.49	65#	33.98	21.82	12.52	7.51	6.79	3.57	3.95	6.87	AMP
				133.35	322.48	.65	156.28	273.4#	341.17	232.73	2.92	PHASE
696	-5.61	59.87	649	35.38	22.86	12.79	7.69	6.99	3.36	2.54	7.87	AMP
				139.28	331.22	11.41	163.68	291.68	354.81	269.58	34.43	PHASE
697	-2.73	62.23	649	36.82	23.87	13.81	7.26	8.8#	3.61	1.64	5.77	AMP
				138.62	325.6#	358.92	145.97	273.8#	317.81	253.8#	9.42	PHASE
698	-11.99	45.28	65#	29.77	17.42	7.88	5.81	5.74	2.5#	3.27	3.37	AMP
				126.58	32# .91	347.76	161.8#	236.6#	319.87	221.99	2.97	PHASE
699	-9.17	47.47	65#	29.83	18.55	8.27	6.37	6.16	2.36	3.11	3.34	AMP
				132.3#	327.32	352.22	164.56	244.77	326.29	243.35	2# .8#	PHASE
7#	-6.72	58.97	651	3# .83	19.54	8.62	7.87	7.28	2.39	2.76	3.65	AMP
				135.35	33# .33	352.9#	164.35	247.2#	314.25	242.58	39.76	PHASE
7#1	-3.57	55.11	65#	31.62	2# .61	9.73	7.37	7.54	2.55	2.59	3.97	AMP
				135.33	325.75	344.33	148.44	237.8#	288.29	224.81	26.11	PHASE
7#2	-.55	58.98	65#	32.23	21.98	18.89	7.1#	8.12	2.89	1.91	3.8#	AMP
				139.85	328.93	348.5#	149.89	249.58	294.21	234.49	38.64	PHASE
7#3	2.42	59.4#	65#	33.81	23.22	18.57	6.39	8.35	1.26	1.26	2.1#	AMP
				138.39	321.97	338.19	138.96	232.67	268.14	288.82	2.6#	PHASE
7#4	-6.31	48.34	649	27.62	15.8#	4.93	4.74	6.59	1.64	1.77	1.19	AMP
				131.57	331.97	345.48	174.28	225.53	388.9#	228.86	9.8#	PHASE
7#5	-3.44	43.8#	65#	28.19	16.14	5.65	5.69	7.74	.74	1.54	1.84	AMP
				133.22	331.38	342.85	158.85	218.39	257.7#	237.77	29.18	PHASE
7#6	-.82	45.84	65#	28.99	17.15	6.39	6.18	8.84	.86	1.36	2.24	AMP
				135.83	333.59	345.73	155.89	221.96	263.73	226.17	33.52	PHASE
7#7	2.16	58.18	65#	3# .25	18.75	7.16	6.69	7.85	1.88	1.18	1.81	AMP
				138.77	335.59	352.14	153.36	226.54	275.87	216.34	43.74	PHASE
7#8	5.49	53.8#	65#	31.15	2# .31	7.76	6.51	8.32	1.87	1.54	1.97	AMP
				138.89	33# .1#	352.8#	133.82	216.35	269.59	177.24	13.7#	PHASE
7#9	7.83	56.34	65#	32.84	21.65	8.89	6.51	8.65	1.88	.31	1.83	AMP
				139.56	328.35	358.15	128.87	212.79	265.93	153.47	6.37	PHASE
71#	8.81	57.72	651	32.61	22.28	8.85	6.82	8.95	1.11	.27	1.84	AMP
				148.9#	327.64	358.9#	121.9#	215.24	264.25	146.9#	358.36	PHASE

CHORDWISE 77 PERCENT RADIUS												
RUN NO		21										
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
693	-19.54	32.87	65#	4.74	6.67	6.74	4.95	5.28	5.72	4.53	2.8#	AMP
				152.1#	385.63	36.31	97.69	313.55	65.89	148.37	177.48	PHASE
694	-19.2#	36.69	65#	3.89	6.32	7.34	6.39	5.38	8.68	6.34	2.8#	AMP
				16# .3#	293.45	14.35	66.57	282.33	41.28	98.44	132.67	PHASE
695	-18.38	37.17	65#	2.98	5.83	8.38	7.42	6.1#	18.85	6.91	1.59	AMP
				177.29	291.55	2.87	54.75	274.34	3# .83	95.64	126.5#	PHASE
696	-17.11	39.23	649	2.86	5.48	9.74	9.27	7.8#	12.44	7.55	.92	AMP
				213.91	293.48	8.71	62.44	274.19	66.66	124.92	122.8#	PHASE
697	-16.37	43.11	649	2.28	5.32	11.22	18.36	9.63	12.51	8.54	.97	AMP
				268.23	282.13	3# .27	42.61	253.22	73.79	112.36	37.59	PHASE
698	-18.14	26.21	65#	4.85	5.82	3.8#	5.33	7.58	3.24	2.43	.95	AMP
				136.53	293.53	16.18	68.16	272.97	3# .65	68.33	98.87	PHASE
699	-18.75	26.83	65#	3.88	5.52	4.51	6.72	7.32	4.6#	4.1#	1.28	AMP
				147.47	298.27	9.5#	68.72	283.1#	42.87	86.26	91.36	PHASE
7#	-19.22	38.74	651	2.3#	5.19	5.47	7.97	9.2#	5.11	4.83	1.73	AMP
				161.66	292.85	8.44	58.46	265.18	42.45	99.94	96.77	PHASE
7#1	-18.7#	32.91	65#	1.19	4.75	7.14	9.8#	18.48	5.22	5.85	1.77	AMP
				197.8#	284.58	351.81	43.17	249.9#	62.41	78.26	66.26	PHASE
7#2	-16.76	48.28	65#	1.83	6.16	8.53	11.13	18.8#	7.35	5.87	2.18	AMP
				288.86	285.97	348.49	46.89	258.22	184.63	99.84	78.84	PHASE
7#3	-15.5#	46.66	65#	3.64	5.59	1# .41	12.4#	18.58	18.89	6.58	2.3#	AMP
				384.8#	274.77	331.8#	29.12	238.81	182.37	86.13	42.18	PHASE
7#4	-16.87	25.25	649	4.77	5.26	2.41	5.46	7.13	1.25	2.81	.73	AMP
				141.46	293.18	3# .83	66.87	261.49	351.81	67.91	182.95	PHASE
7#5	-17.79	28.9#	65#	3.32	4.53	3.42	7.82	8.63	3.85	2.59	1.24	AMP
				148.61	287.99	8.66	46.52	238.22	359.45	57.59	92.24	PHASE
7#6	-18.2#	38.8#	65#	1.68	4.62	4.25	8.71	18.64	3.52	3.57	1.52	AMP
				162.89	284.83	359.27	48.97	236.71	66.32	57.84	83.98	PHASE
7#7	-17.6#	31.58	65#	.83	5.89	5.46	18.86	11.3#	5.16	4.86	2.18	AMP
				274.15	284.17	351.95	42.37	236.8#	118.87	88.44	92.76	PHASE
7#8	-16.14	38.66	65#	3.22	5.78	5.96	12.83	11.31	4.48	4.17	2.1#	AMP
				318.19	277.2#	337.61	31.1#	217.85	186.9#	78.15	88.24	PHASE
7#9	-15.18	44.41	65#	4.85	6.36	8.87	12.8#	11.64	4.58	4.22	1.94	AMP
				315.36	275.65	333.87	26.83	288.13	188.34	74.85	77.73	PHASE
71#	-14.46	48.98	651	6.23	7.81	8.95	12.61	11.66	3.23	3.79	1.56	AMP
				319.82	278.45	328.85	22.78	287.89	92.14	68.87	83.82	PHASE

TABLE VIII.- Concluded

(g) Concluded

TORSION 75 PERCENT RADIUS												
RUN NO 21												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
693	2.24	14.84	65#	5.98 288.84	6.1# 128.96	.2# 235.2#	1.85 353.85	1.55 39.62	1.55 186.16	58.67 58.93	1.68 189.29	AMP PHASE
694	.24	14.36	65#	5.13 285.88	5.67 113.99	.46 268.59	1.88 331.92	1.51 4.2#	1.56 157.92	7.71 14.95	1.78 88.46	AMP PHASE
695	-1.76	13.83	65#	4.26 297.23	5.31 116.95	.46 255.87	1.78 331.46	1.56 357.39	1.38 151.17	1.68 28.59	1.79 79.37	AMP PHASE
696	-3.83	13.88	649	3.9# 316.64	5.83 129.81	.65 258.4#	1.77 338.65	1.43 7.3#	1.32 168.86	1.57 26.85	1.78 122.51	AMP PHASE
697	-5.73	12.1#	649	3.79 333.19	4.82 128.85	.65 215.74	1.7# 326.91	1.55 358.56	1.3# 129.84	1.62 4.73	1.65 89.86	AMP PHASE
698	1.64	13.13	65#	5.65 264.86	5.33 184.38	.35 2.32	1.78 324.32	1.35 338.92	1.19 141.82	1.84 39.18	1.44 42.95	AMP PHASE
699	-.47	11.3#	65#	4.4# 274.62	4.71 112.18	.39 324.99	1.79 329.5#	1.47 339.81	1.81 153.49	1.88 46.36	1.46 55.83	AMP PHASE
7#	-2.34	1# 25	651	3.51 284.32	4.31 117.66	.43 295.31	1.88 331.83	1.63 335.17	1.1# 154.58	.93 39.92	1.4# 56.17	AMP PHASE
7#1	-4.37	9.76	65#	2.82 3#3.84	3.97 119.78	.27 251.23	1.95 321.32	1.6# 318.92	1.16 128.13	1.8# 25.48	2.22 29.89	AMP PHASE
7#2	-6.44	1# 11	65#	2.64 334.22	3.84 129.85	.36 231.52	1.91 324.91	1.78 334.88	1.37 121.28	.84 33.78	1.36 347.55	AMP PHASE
7#3	-8.29	1# 9#	65#	3.15 354.96	3.83 128.31	.4# 194.29	1.73 312.88	1.89 321.37	1.5# 93.61	.81 18.93	1.47 313.86	AMP PHASE
7#4	-.72	8.45	649	4.8# 278.48	3.33 111.86	.48 386.83	1.53 324.83	1.23 329.9#	1.48 143.87	.6# 24.14	1.17 18.65	AMP PHASE
7#5	-2.88	6.79	65#	2.96 282.76	2.81 119.73	.48 268.93	1.68 313.83	1.24 316.57	.6# 116.86	.58 2.58	1.15 346.17	AMP PHASE
7#6	-4.75	7.12	65#	2.31 382.13	2.61 138.26	.43 256.22	1.76 313.49	1.34 328.93	.8# 112.68	.64 1.88	1.18 388.18	AMP PHASE
7#7	-6.7#	8.84	65#	2.29 335.56	2.64 143.47	.58 238.74	1.74 315.93	1.42 329.54	.91 111.51	.66 351.42	.31 294.78	AMP PHASE
7#8	-8.82	8.77	65#	2.98 3.38	2.82 146.91	.82 228.45	1.62 299.52	1.56 322.79	1.87 93.93	.53 319.28	1.35 281.69	AMP PHASE
7#9	-9.98	9.78	65#	3.69 12.68	3.82 149.87	.94 213.56	1.63 294.75	1.54 328.98	1.16 86.13	.51 386.82	1.36 268.37	AMP PHASE
71#	-11.19	18.1#	651	4.57 18.99	3.15 153.19	.87 213.72	1.44 294.87	1.48 325.29	1.22 83.77	.43 298.42	1.37 264.4#	AMP PHASE

PITCH LINK												
RUN NO 21												
PT NO	MEAN	1/2 P-P	RPM	1P	2P	3P	4P	5P	6P	7P	8P	
693	-3.8#	14.65	65#	3.71 111.11	3.22 32# 46	2.98 231.69	3.63 148.28	3.37 258.41	1.65 343.19	1.11 79.49	1.85 218.32	AMP PHASE
694	-1.23	14.51	65#	2.73 124.65	2.74 32# 16	2.89 287.55	3.92 124.76	3.73 226.23	1.85 324.25	1.21 62.62	1.87 176.79	AMP PHASE
695	.76	14.27	65#	2.23 158.35	2.56 328.55	2.9# 288.82	3.83 118.88	4.3# 217.15	1.81 314.91	1.25 73.35	1.94 174.63	AMP PHASE
696	2.81	16.18	649	2.75 192.18	2.46 353.27	2.54 281.9#	3.81 124.93	4.8# 233.85	1.62 347.41	.9# 153.74	2.81 288.9#	AMP PHASE
697	4.99	14.83	649	4.24 286.11	2.61 355.18	2.37 183.8#	3.94 184.49	5.71 216.62	1.33 324.98	1.85 184.86	1.7# 189.38	AMP PHASE
698	-1.86	11.51	65#	3.54 65.67	2.4# 293.78	3.34 178.89	2.91 188.83	2.55 213.99	.65 266.27	.89 66.9#	.88 168.69	AMP PHASE
699	-.#1	11.27	65#	2.19 71.31	1.74 382.44	3.46 179.39	3.19 118.37	2.77 211.14	.57 263.31	.93 188.56	.69 177.68	AMP PHASE
7#	1.72	1# 75	651	1.83 62.69	1.18 31# 93	3.78 171.22	3.23 186.81	3.36 286.13	1.8# 272.73	1.81 128.85	1.25 226.9#	AMP PHASE
7#1	3.63	12.85	65#	.48 285.68	.99 339.19	3.55 161.57	3.48 93.15	4.36 195.1#	4.42 261.61	1.89 122.4#	.49 281.62	AMP PHASE
7#2	5.68	12.85	65#	2.12 23# 8#	1.86 359.33	3.5# 168.86	3.92 99.85	5.86 289.34	.49 291.47	1.8# 136.81	.31 286.87	AMP PHASE
7#3	7.67	14.36	65#	4.19 229.89	1.64 11.63	3.36 148.89	4.85 84.29	5.62 195.14	.73 267.58	.51 131.88	.18 195.28	AMP PHASE
7#4	.86	8.33	649	2.78 44.56	.58 338.66	3.48 156.46	2.12 187.89	2.23 193.43	4.2 225.45	.42 69.24	.28 183.53	AMP PHASE
7#5	2.91	9.79	65#	1.48 25.68	.5# 24.68	3.42 144.67	2.11 92.65	3.82 179.77	.42 353.98	.58 128.58	.28 247.7#	AMP PHASE
7#6	4.66	1# 31	65#	.58 329.81	.71 48.41	3.43 141.5#	2.47 94.45	3.78 186.88	.85 32.54	.71 115.69	.48 264.45	AMP PHASE
7#7	6.62	1# 91	65#	1.72 258.44	1.12 49.87	3.63 133.72	2.72 181.33	3.98 199.32	.21 354.4#	.51 184.88	.52 251.62	AMP PHASE
7#8	8.83	12.57	65#	3.7# 237.59	1.62 45.56	3.79 111.64	2.88 94.36	4.23 188.64	.54 322.68	.4# 98.92	.63 214.51	AMP PHASE
7#9	1# 8#	14.31	65#	4.91 234.45	1.72 43.46	4.22 183.89	2.93 94.28	4.35 186.89	.72 316.24	.34 97.25	.61 285.29	AMP PHASE
71#	11.19	14.75	651	6.3# 231.6#	2.83 48.54	4.43 188.54	2.6# 93.79	4.29 184.37	89.95 299.95	86.67 76.83	67.67 284.97	AMP PHASE

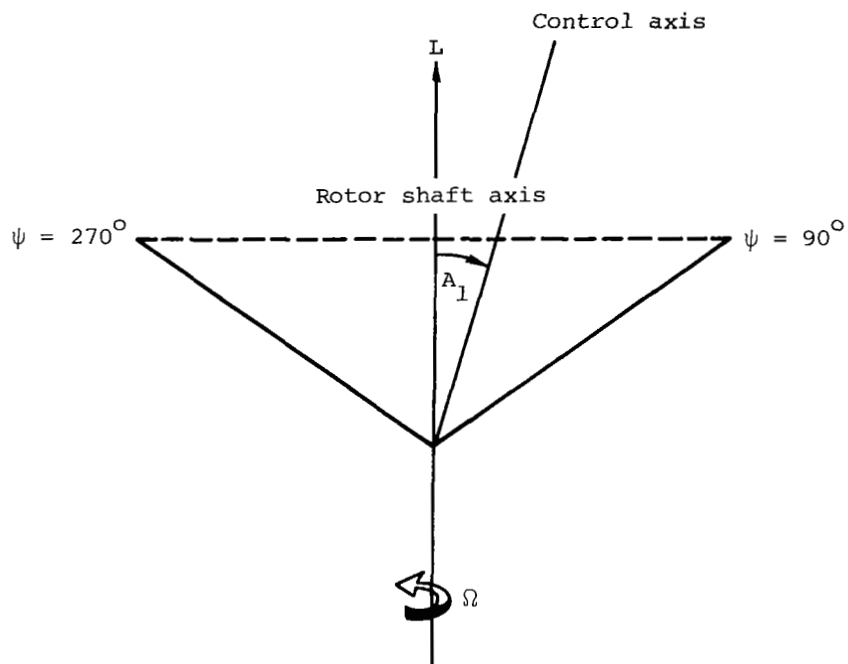
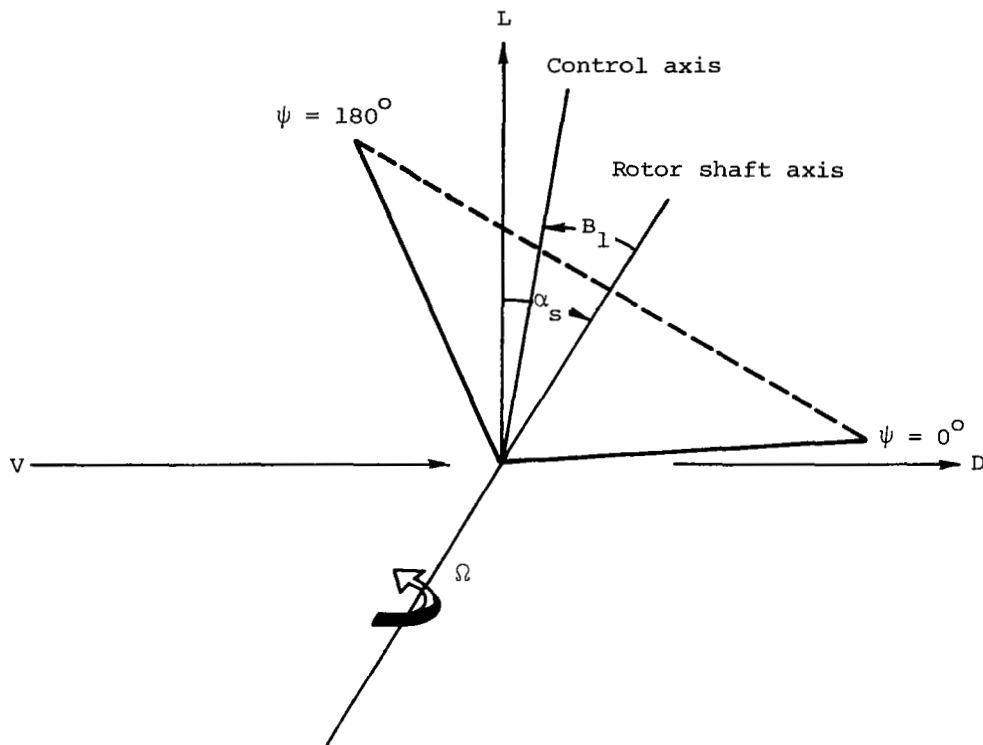
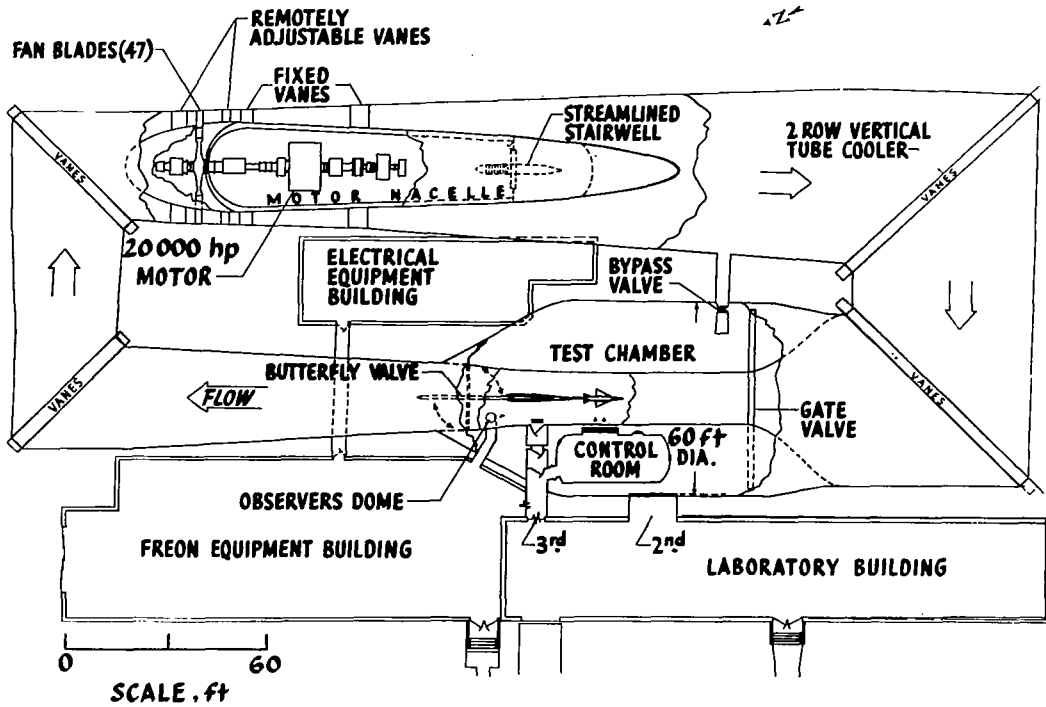
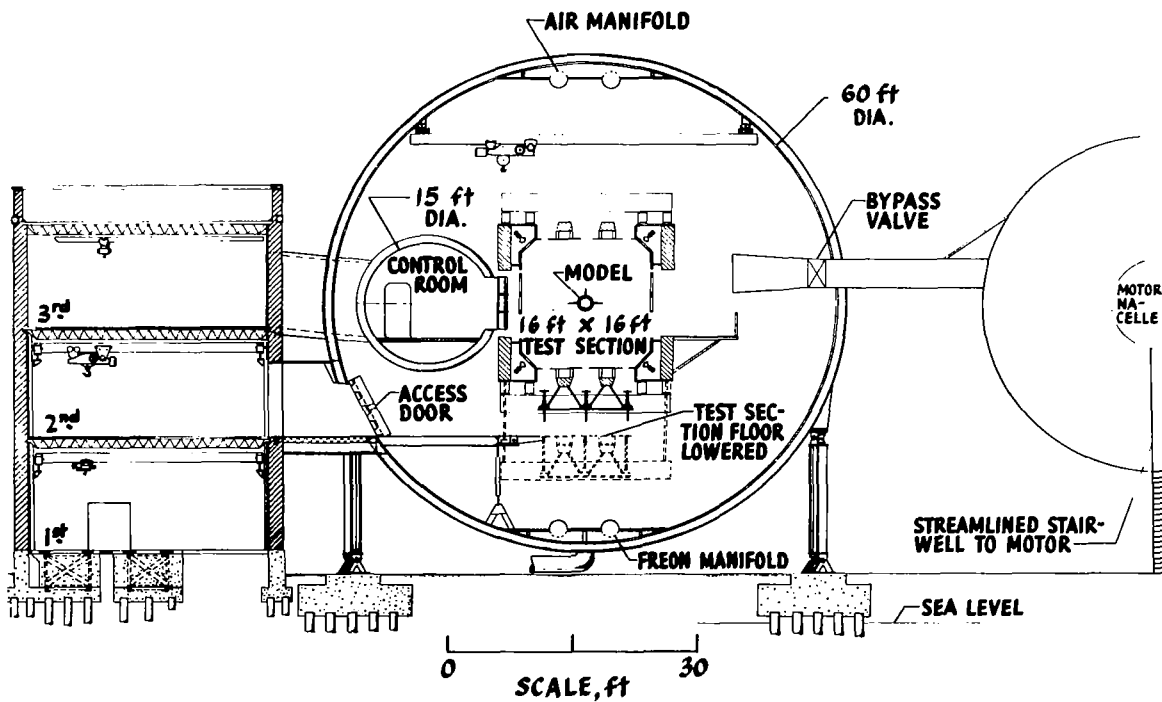


Figure 1.- Notation showing positive directions of forces, angles, and velocities.



(a) Top view.



(b) Cross-sectional view.

Figure 2.- Langley Transonic Dynamics Tunnel.

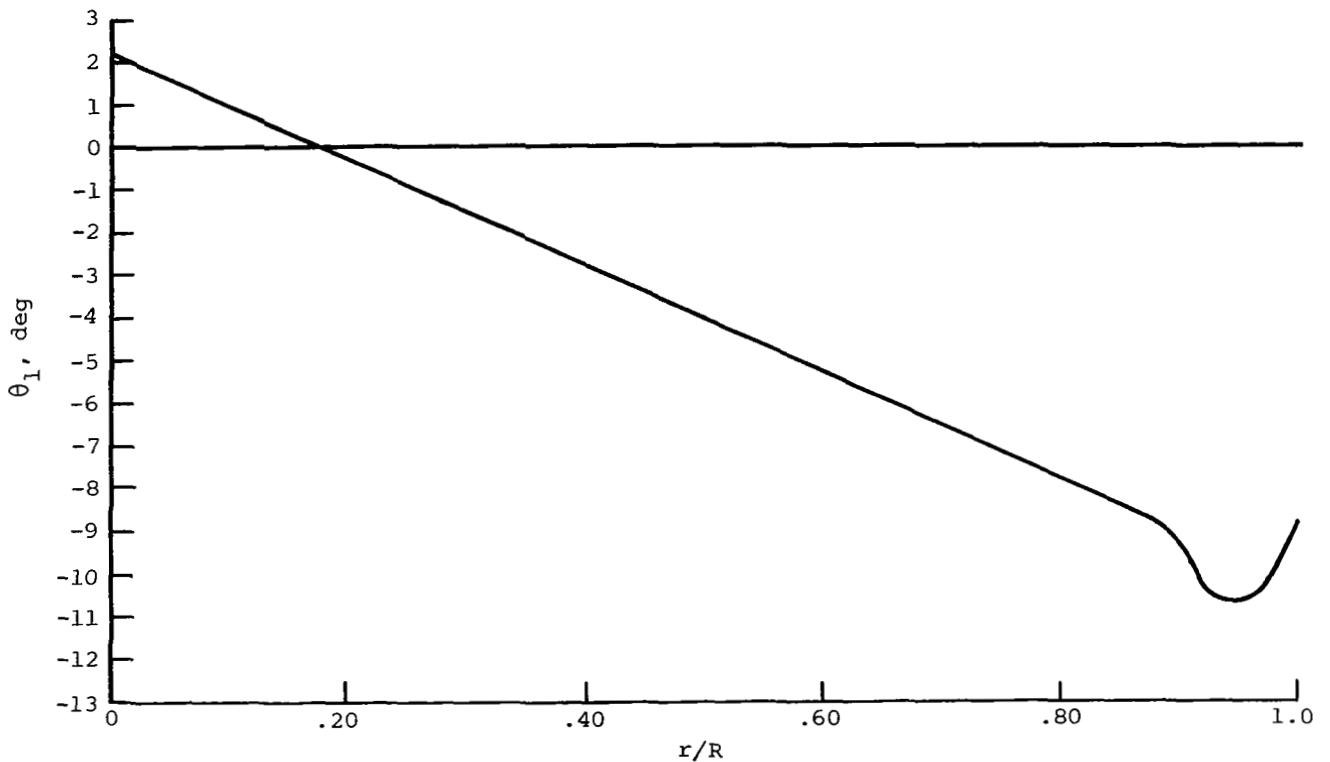
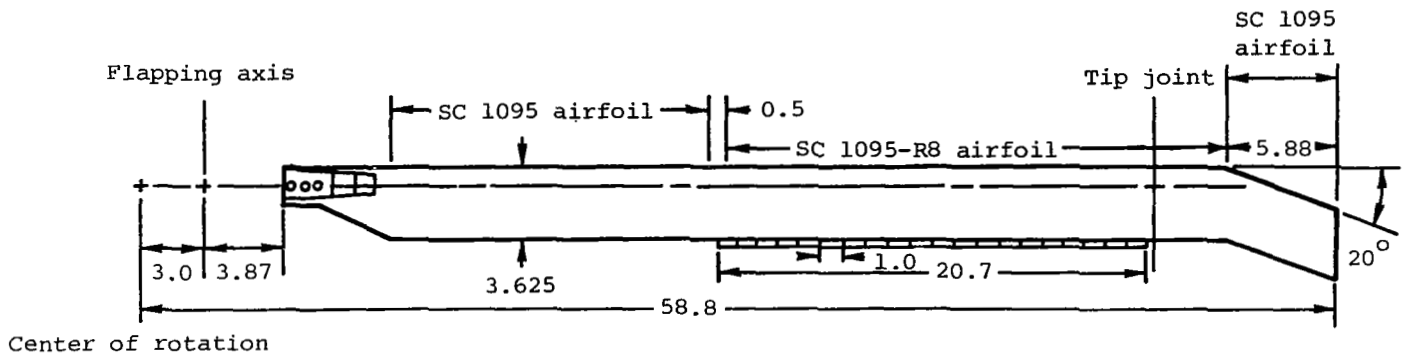
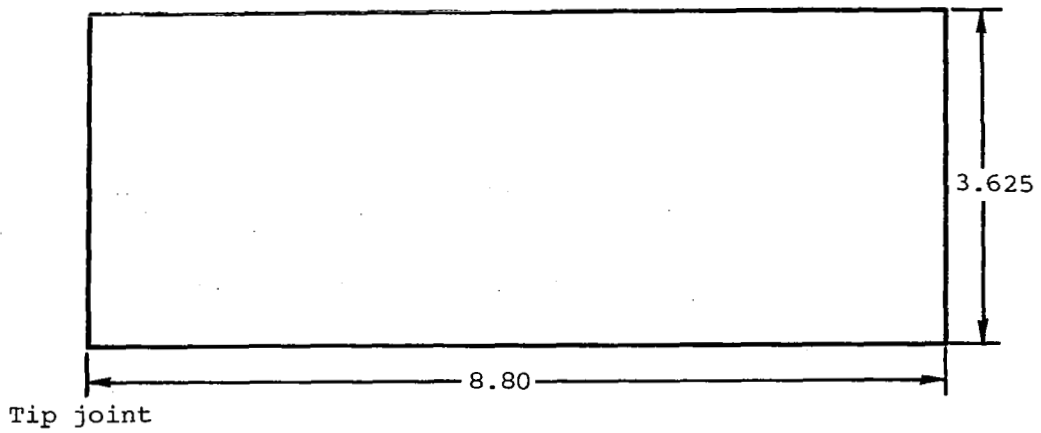
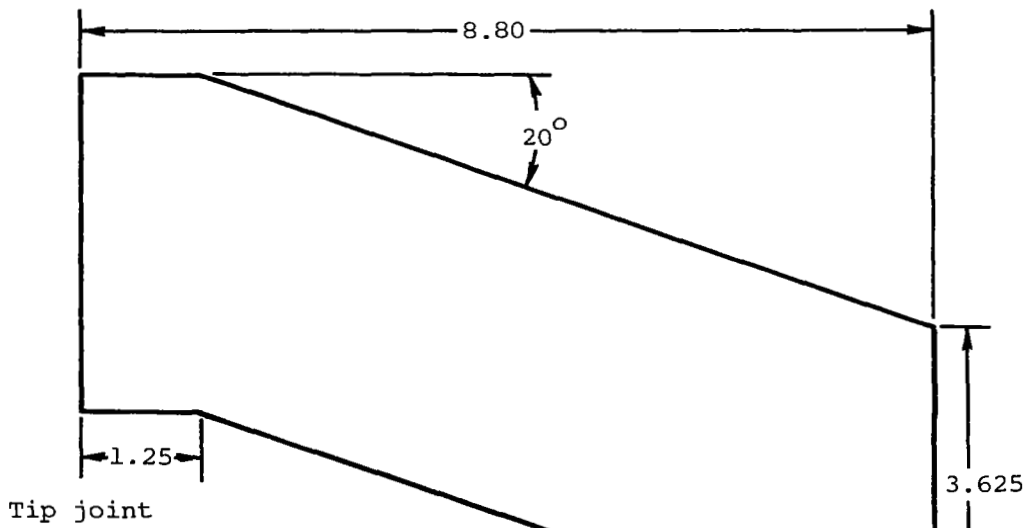


Figure 3.- Rotor blade geometry and built-in twist distribution. Blade dimensions are in inches unless otherwise indicated.

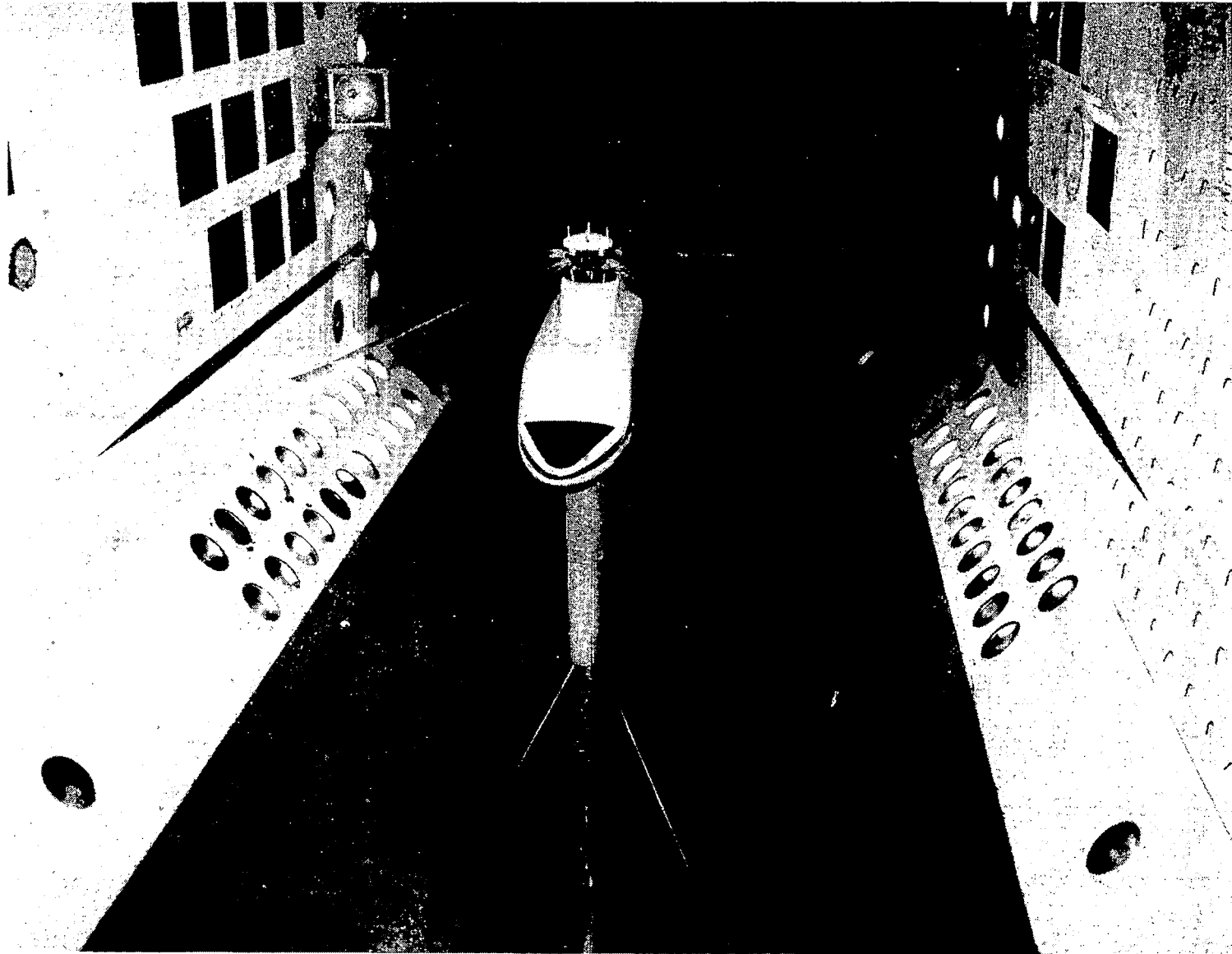


Rectangular tip



Swept tip

Figure 4.- Geometry of tips tested. Dimensions are given in inches unless otherwise indicated.



L-80-1238

Figure 5.- Aeroelastic rotor experimental system (ARES) model in
Langley Transonic Dynamics Tunnel.

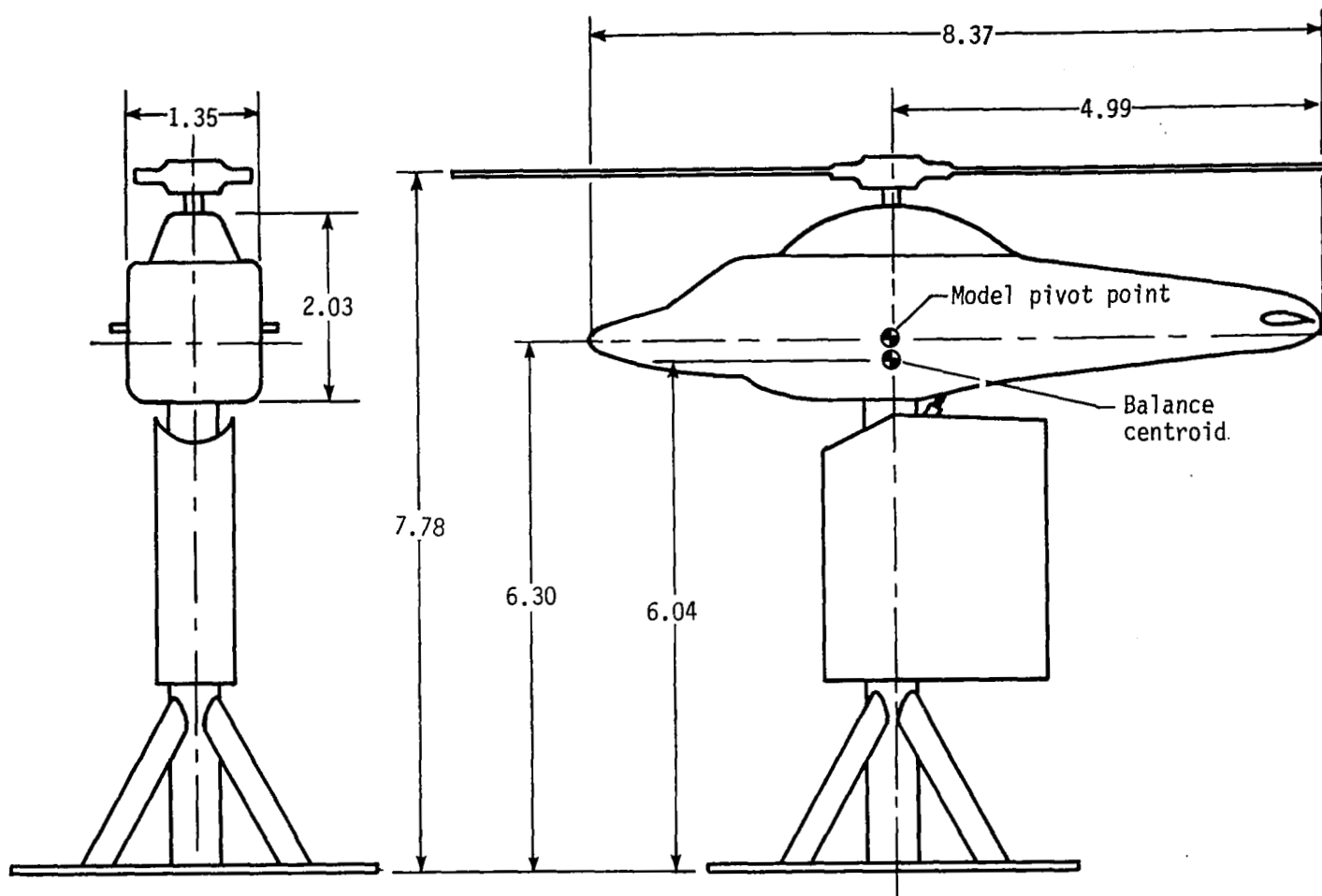
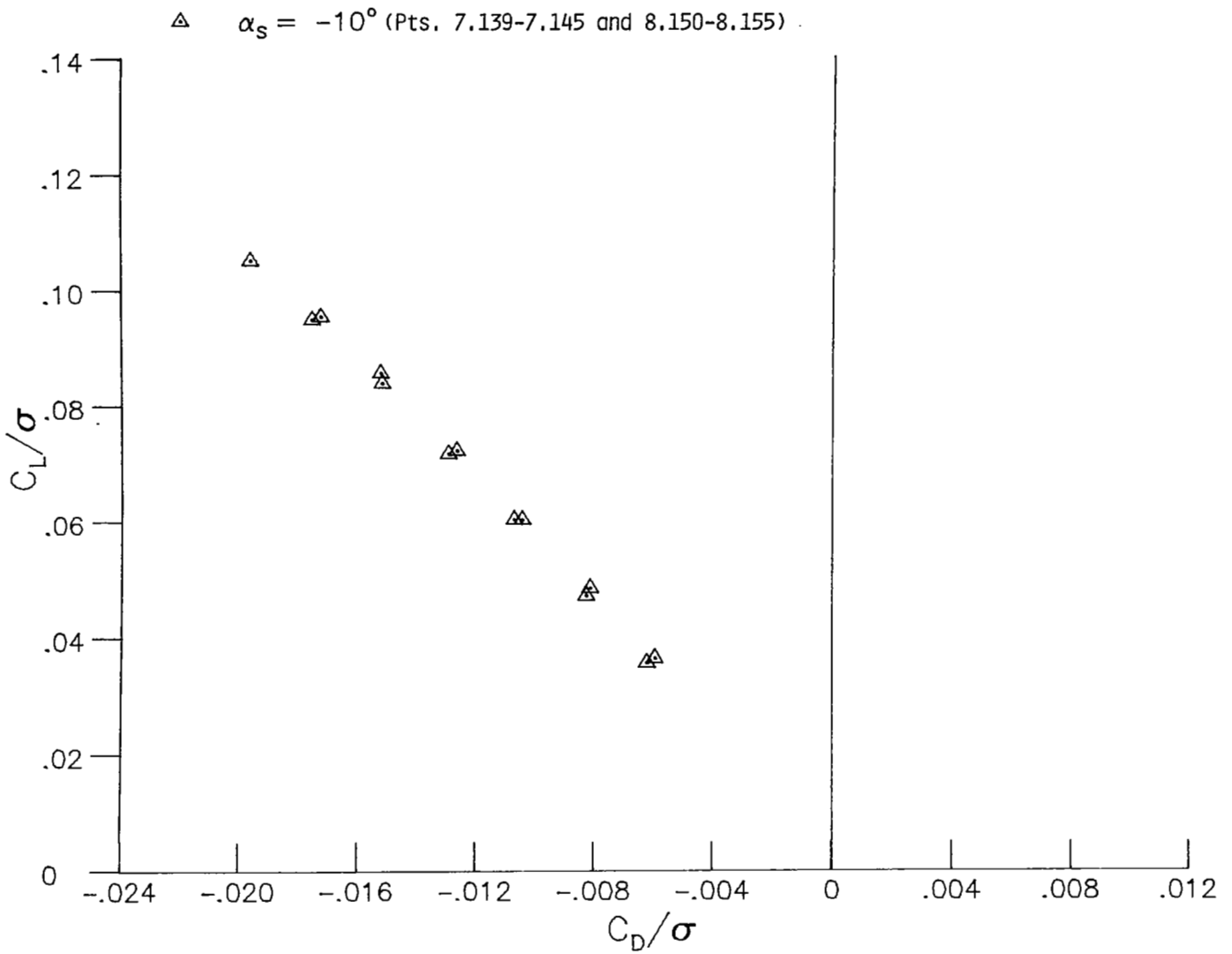
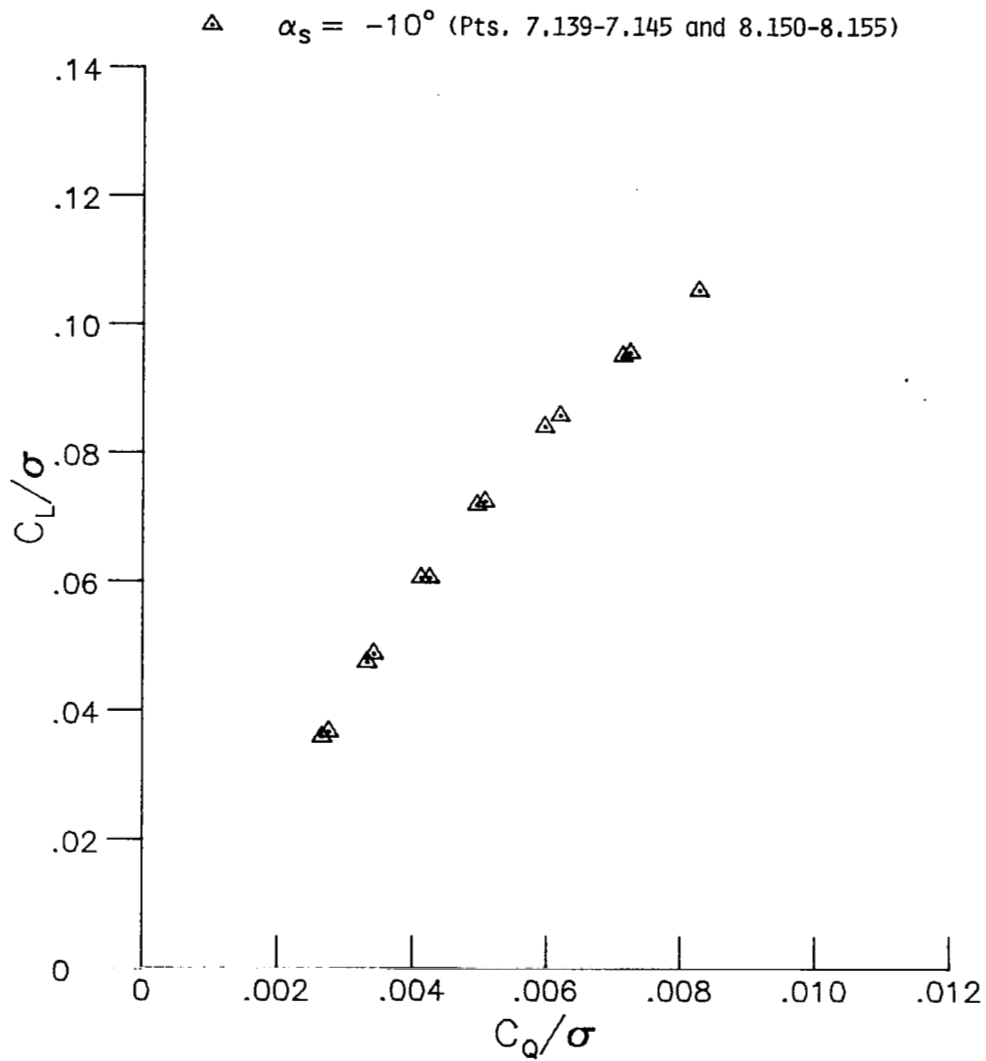


Figure 6.- Schematic diagram of aeroelastic rotor experimental system.
All dimensions are in feet.



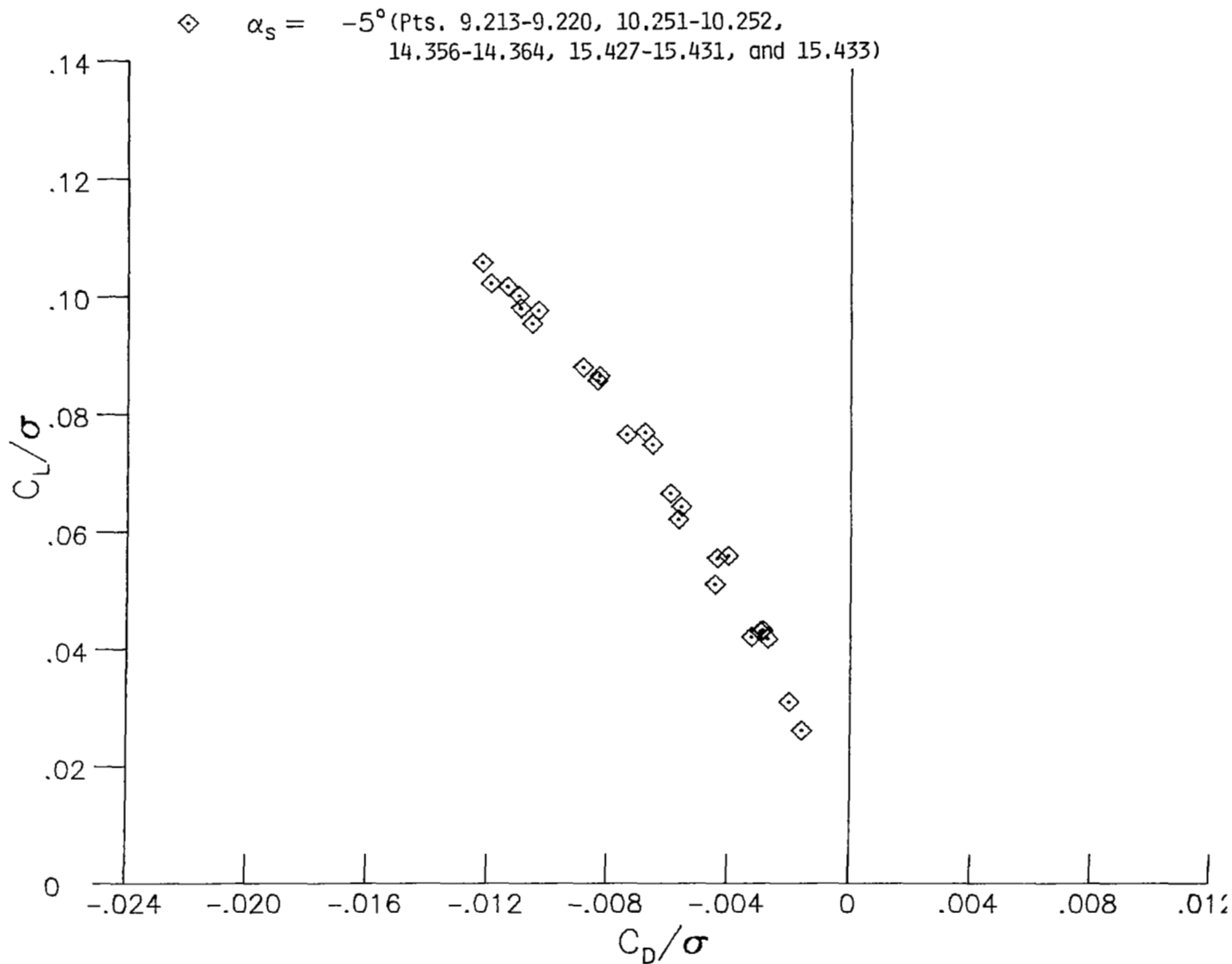
(a) C_L/σ versus C_D/σ at $\mu = 0.20$ and $M_T = 0.65$.

Figure 7.- Rotor performance data for ACR blades with swept tips and 4° tabs. (See table III.)



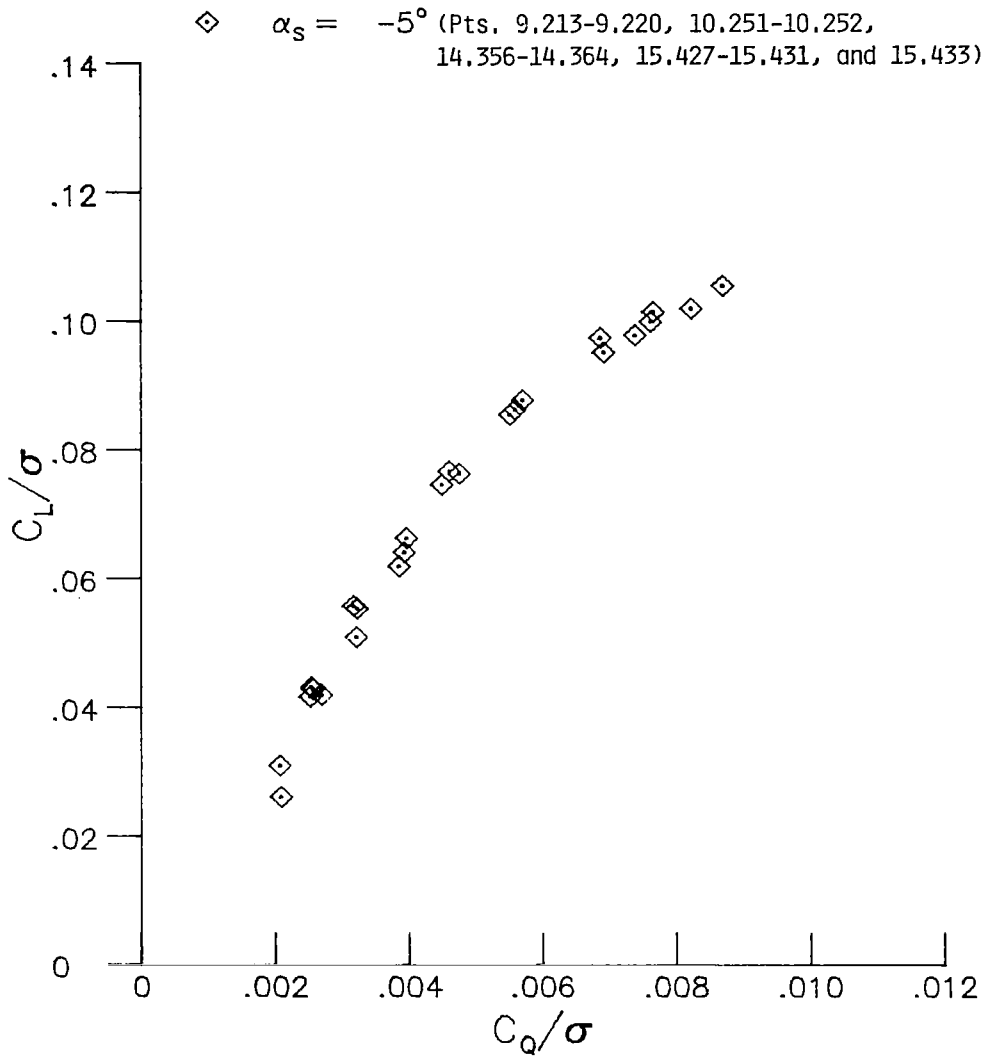
(b) C_L/σ versus C_Q/σ at $\mu = 0.20$ and $M_T = 0.65$.

Figure 7.- Continued.



(c) C_L/σ versus C_D/σ at $\mu = 0.30$ and $M_T = 0.65$.

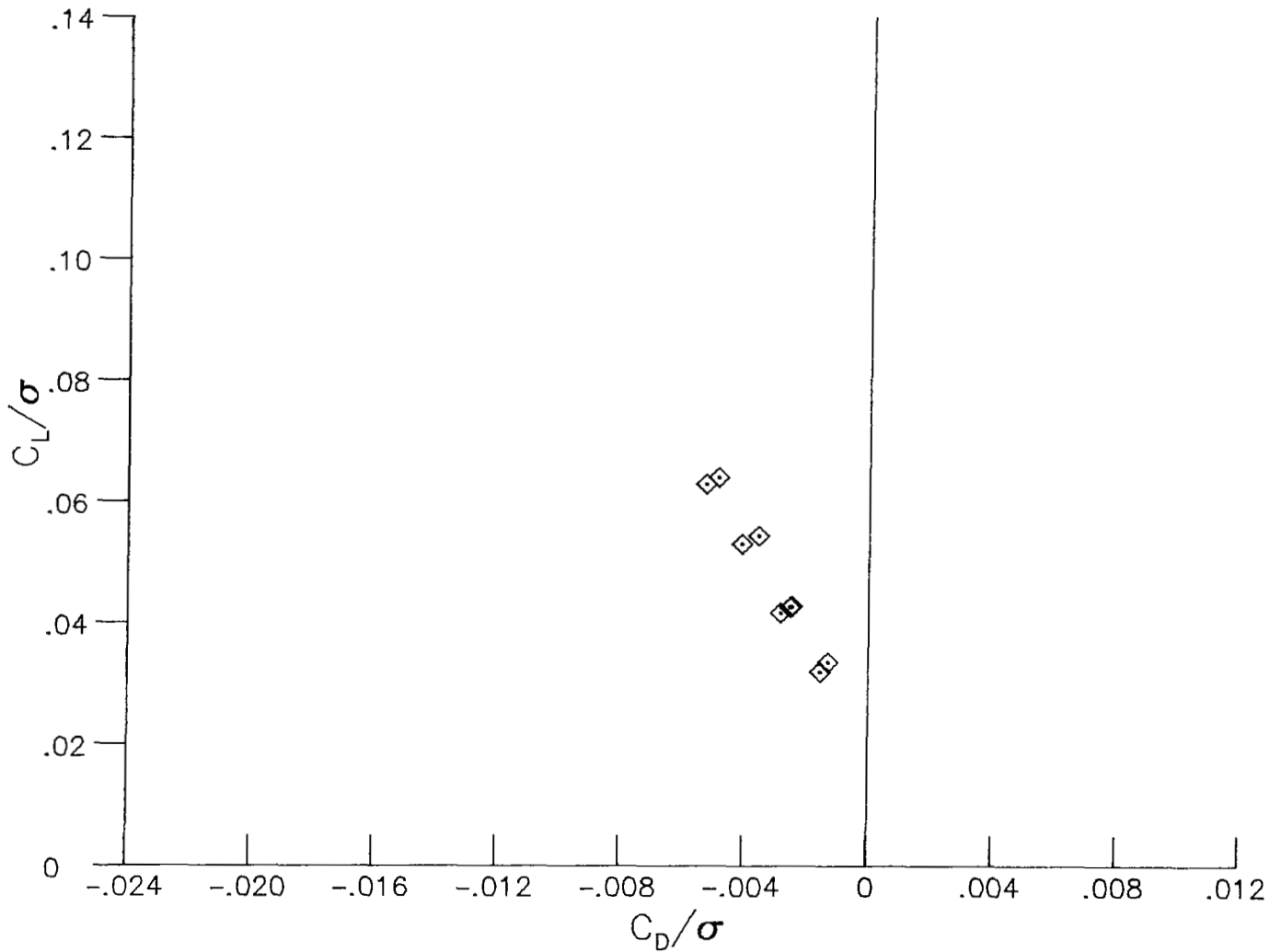
Figure 7.- Continued.



(d) C_L/σ versus C_Q/σ at $\mu = 0.30$ and $M_T = 0.65$.

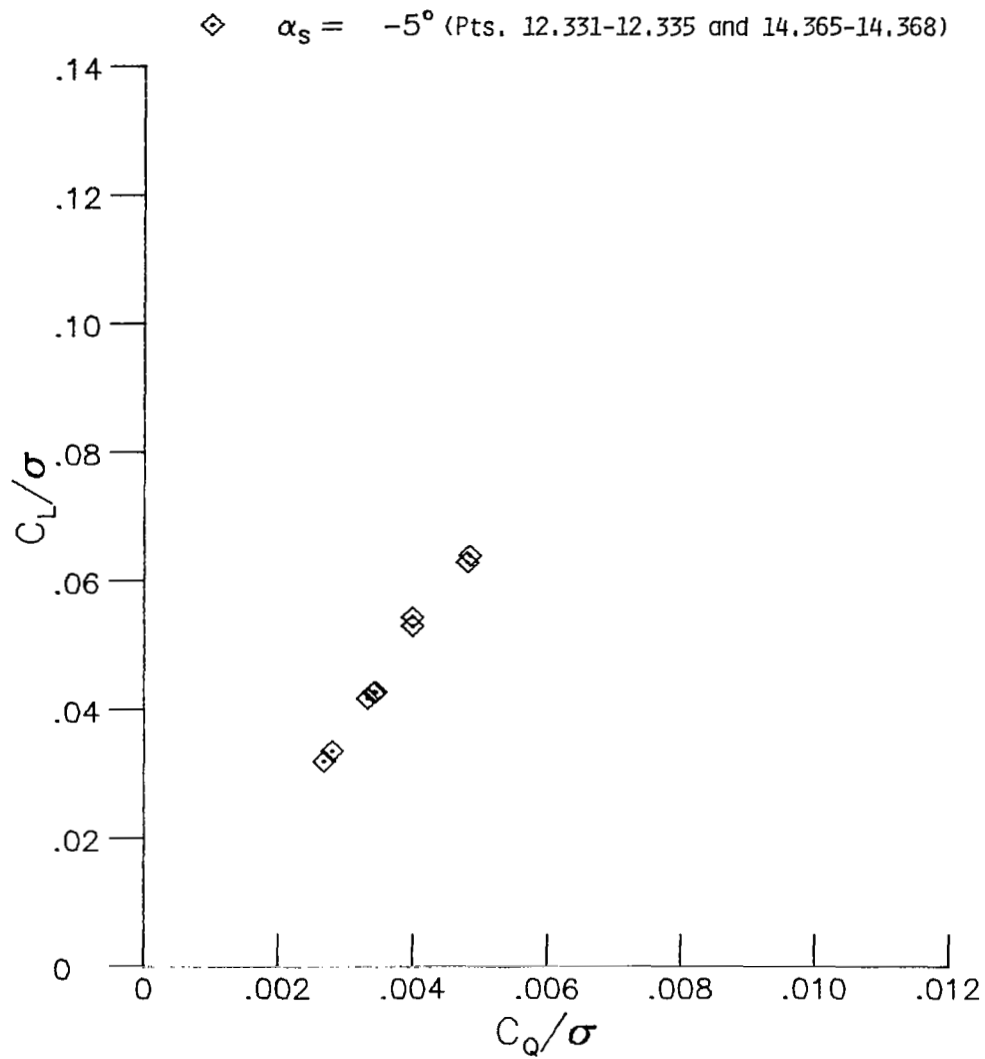
Figure 7.- Continued.

◇ $\alpha_s = -5^\circ$ (Pts. 12.331-12.335 and 14.365-14.368)



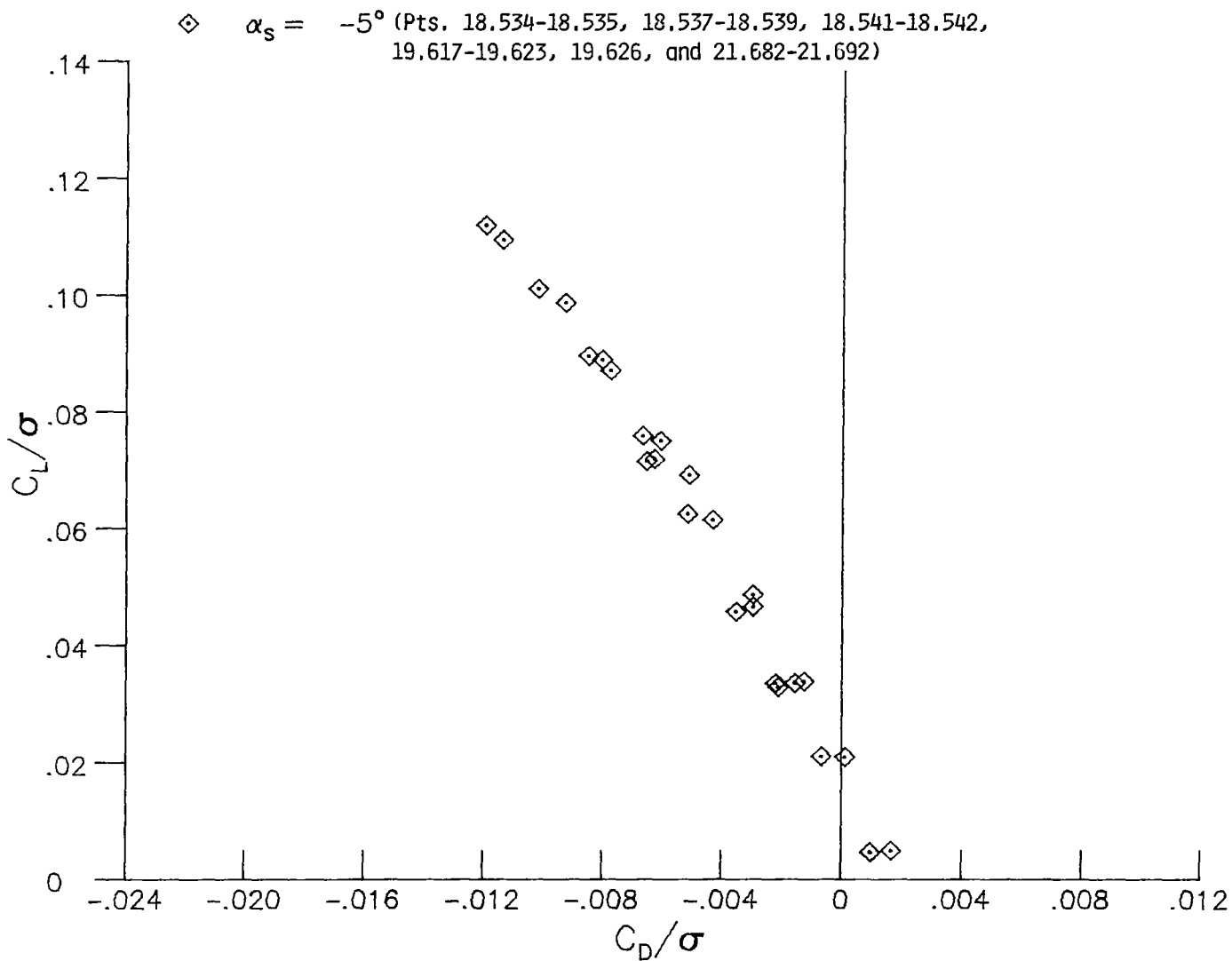
(e) C_L/σ versus C_D/σ at $\mu = 0.40$ and $M_T = 0.65$.

Figure 7.- Continued.



(f) C_L/σ versus C_Q/σ at $\mu = 0.40$ and $M_T = 0.65$.

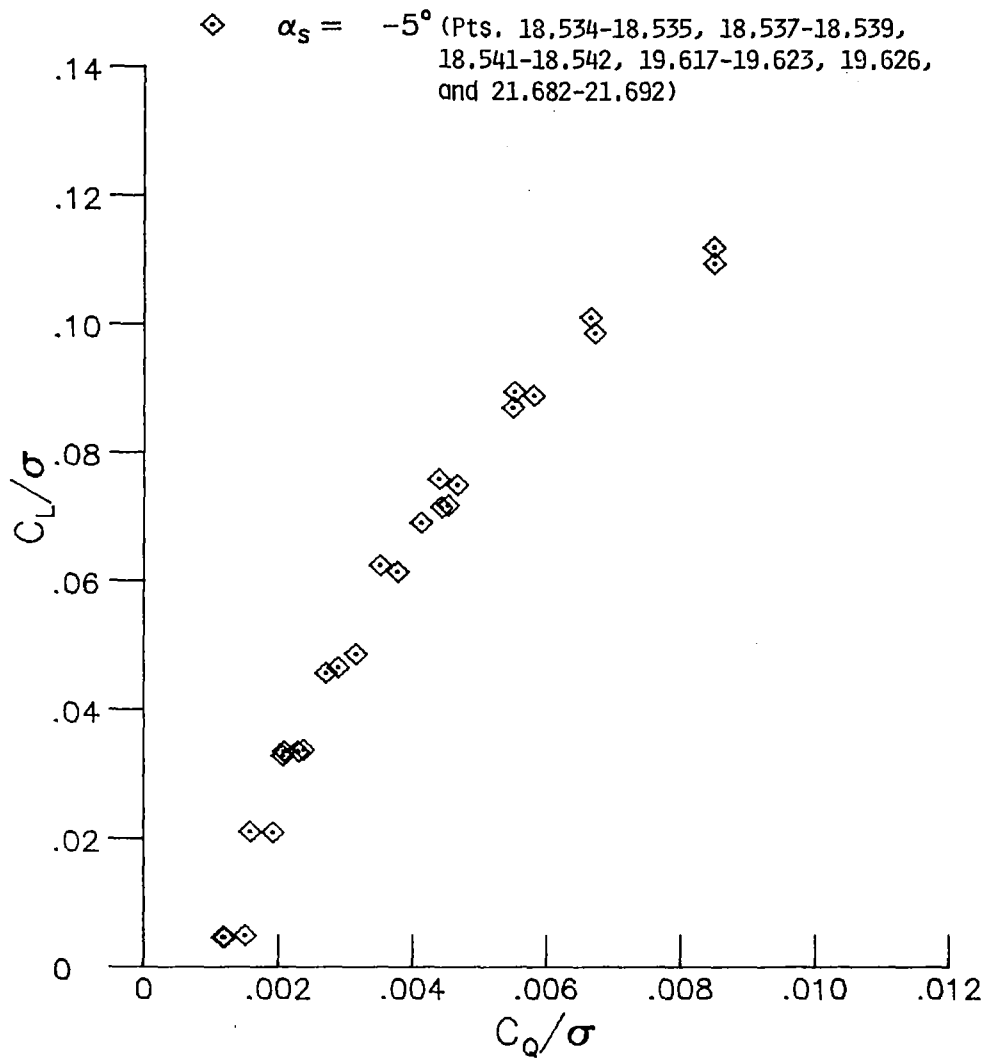
Figure 7.- Concluded.



(a) C_L/σ versus C_D/σ at $\mu = 0.30$ and $M_T = 0.65$.

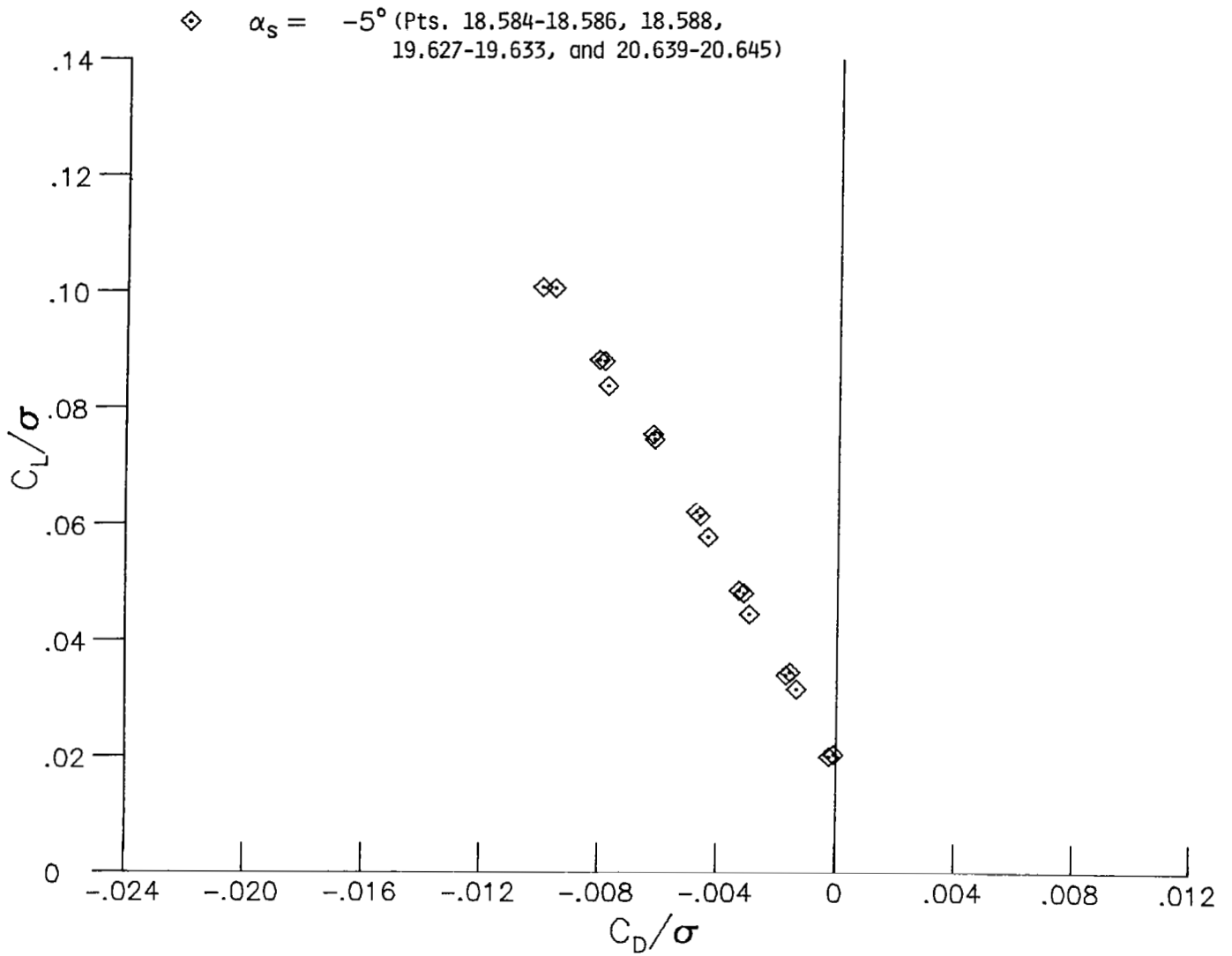
Figure 8.- Rotor performance data for baseline blade with swept tip and 0° tabs. (See table IV.)





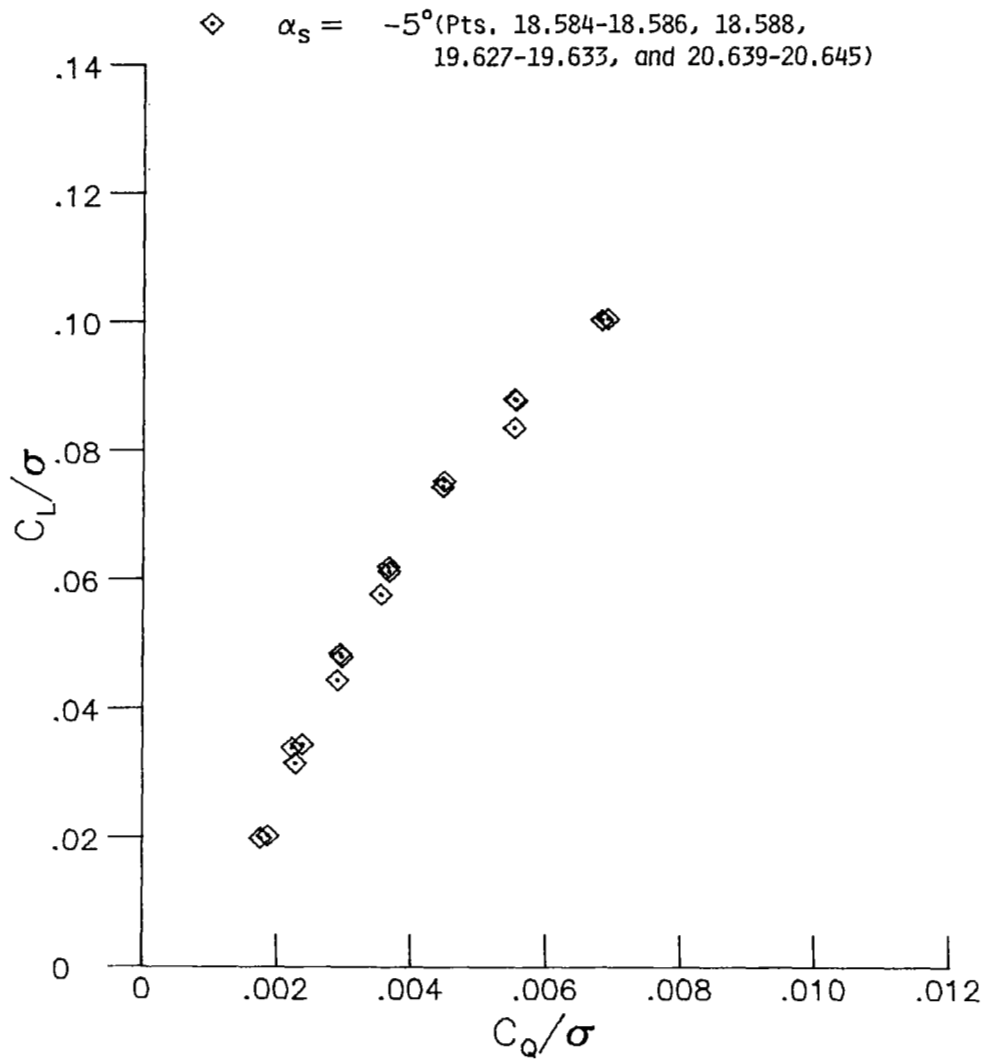
(b) C_L/σ versus C_Q/σ at $\mu = 0.30$ and $M_T = 0.65$.

Figure 8.- Continued.



(c) C_L/σ versus C_D/σ at $\mu = 0.30$ and $M_T = 0.68$.

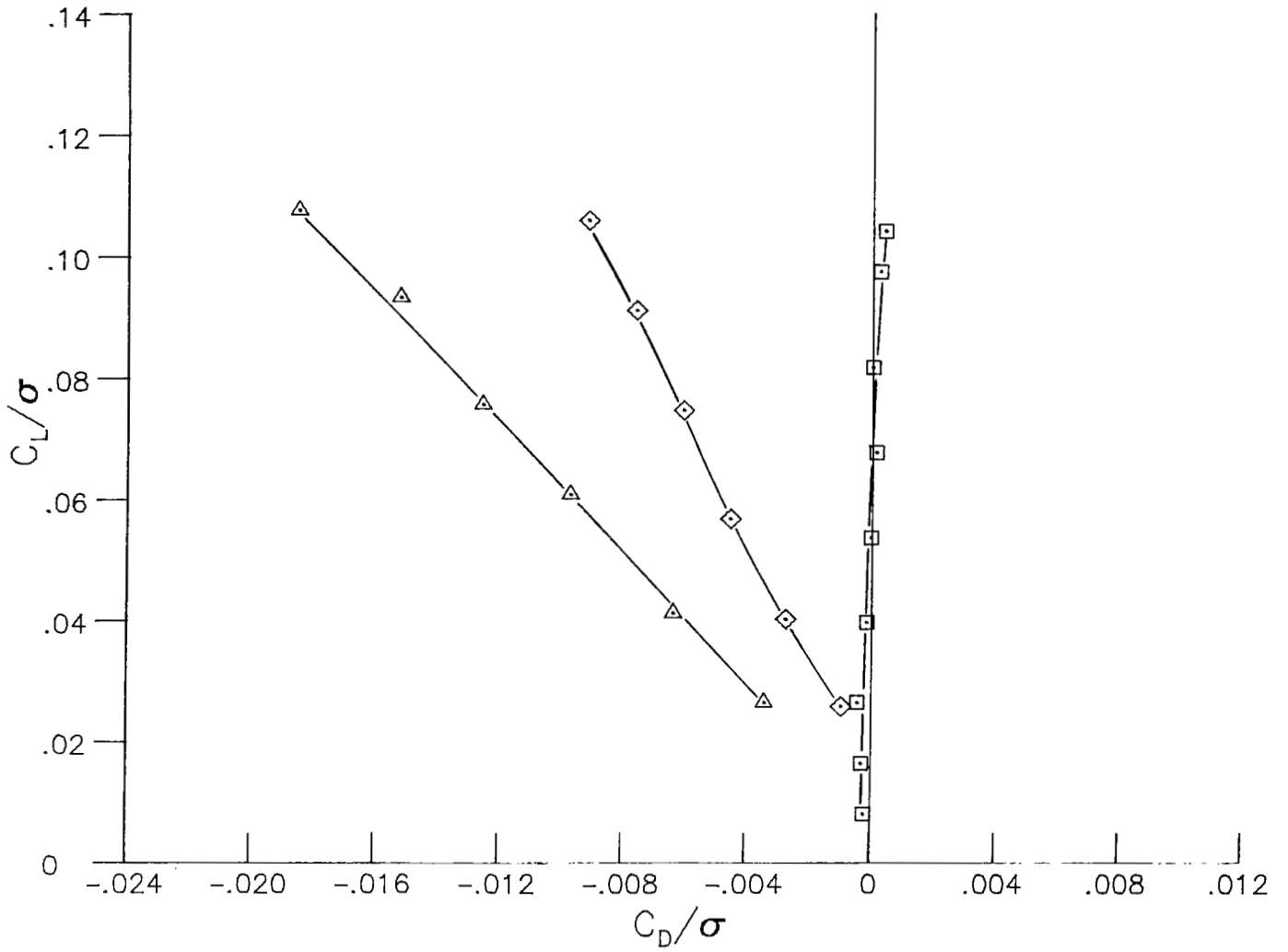
Figure 8.- Continued.



(d) C_L/σ versus C_Q/σ at $\mu = 0.30$ and $M_T = 0.68$.

Figure 8.- Concluded.

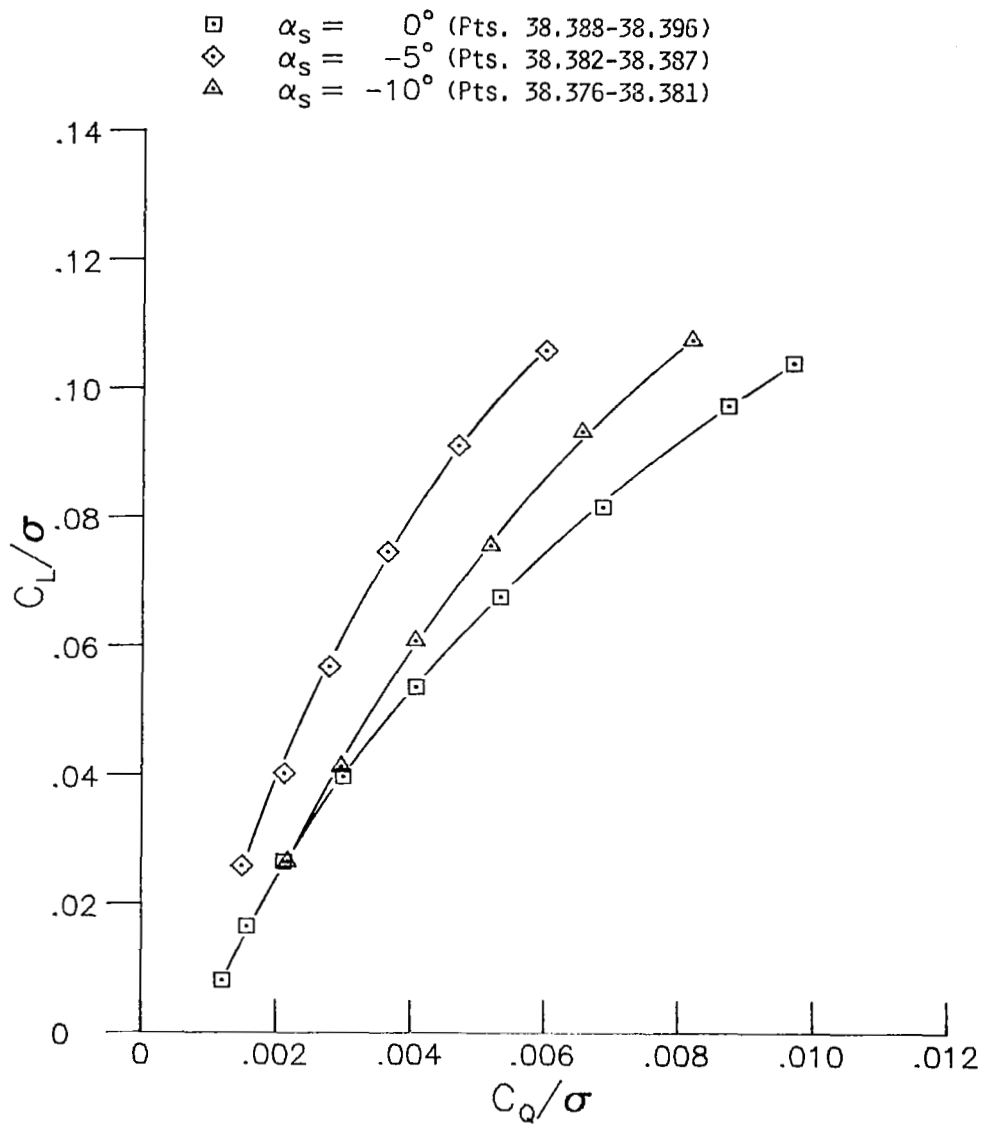
- $\alpha_s = 0^\circ$ (Pts. 38.388-38.396)
- ◇ $\alpha_s = -5^\circ$ (Pts. 38.382-38.387)
- △ $\alpha_s = -10^\circ$ (Pts. 38.376-38.381)



(a) C_L/σ versus C_D/σ at $\mu = 0.20$ and $M_T = 0.65$.

Figure 9.- Rotor performance data for ACR blade with rectangular tip and 0° tabs.

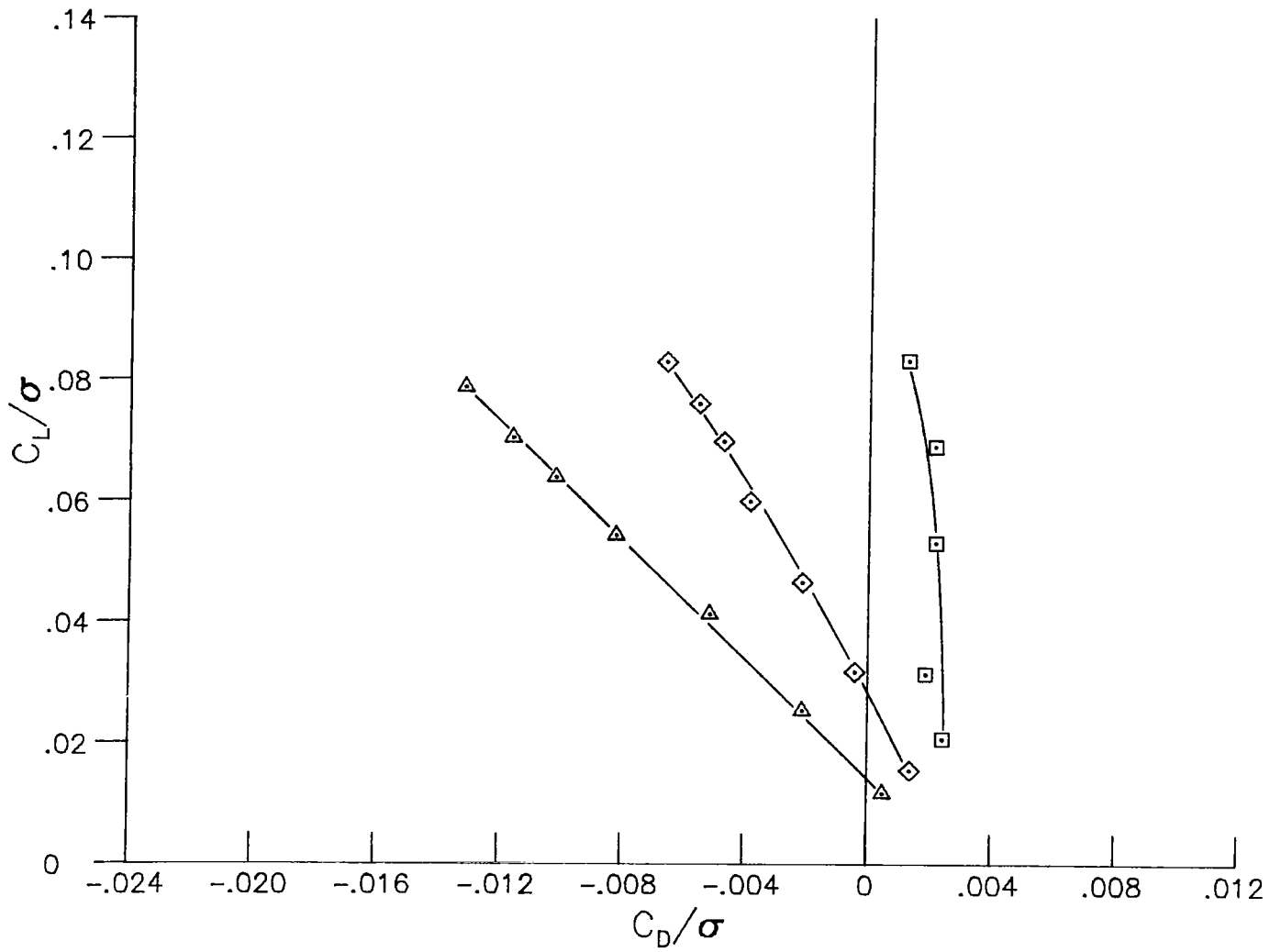




(b) C_L/σ versus C_Q/σ at $\mu = 0.20$ and $M_T = 0.65$.

Figure 9.- Continued.

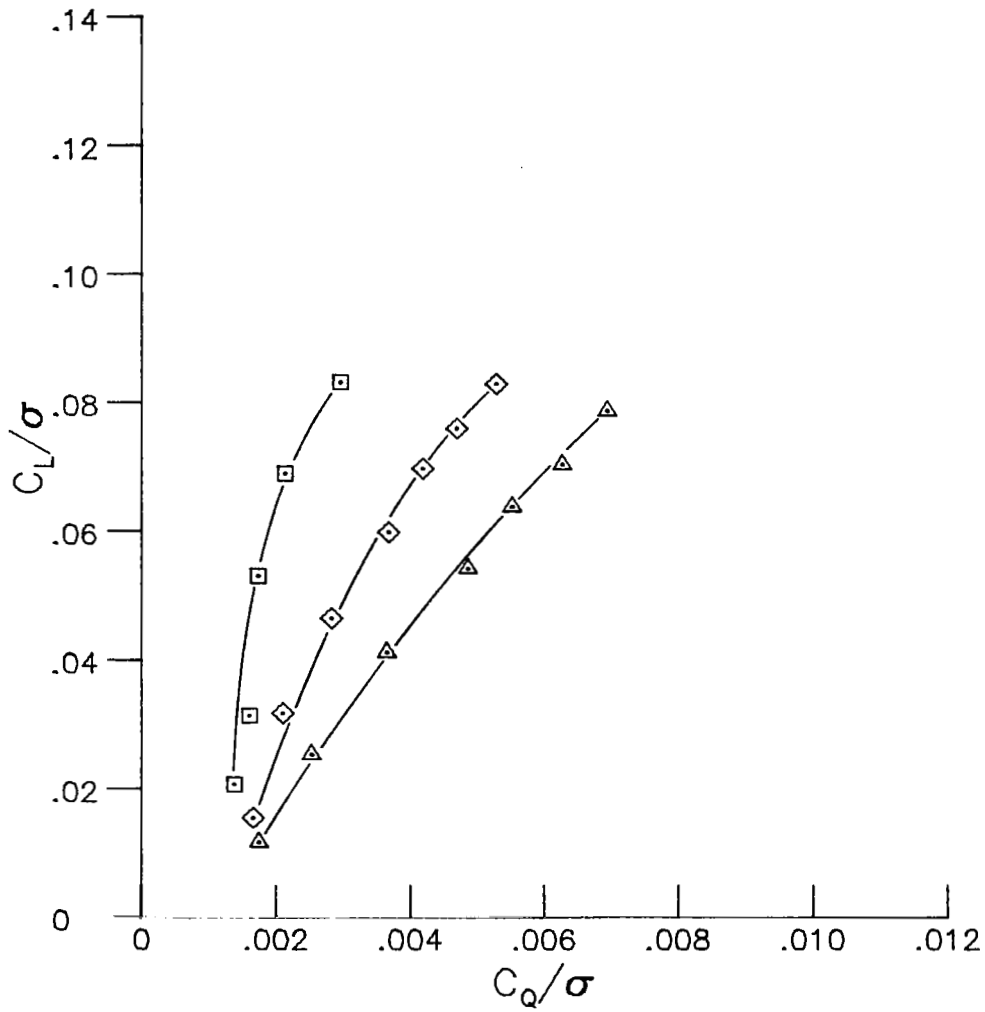
- $\alpha_s = 0^\circ$ (Pts. 38.355-38.359)
- ◇ $\alpha_s = -5^\circ$ (Pts. 38.360-38.366)
- △ $\alpha_s = -10^\circ$ (Pts. 38.367-38.373)



(c) C_L/σ versus C_D/σ at $\mu = 0.30$ and $M_T = 0.65$.

Figure 9.- Continued.

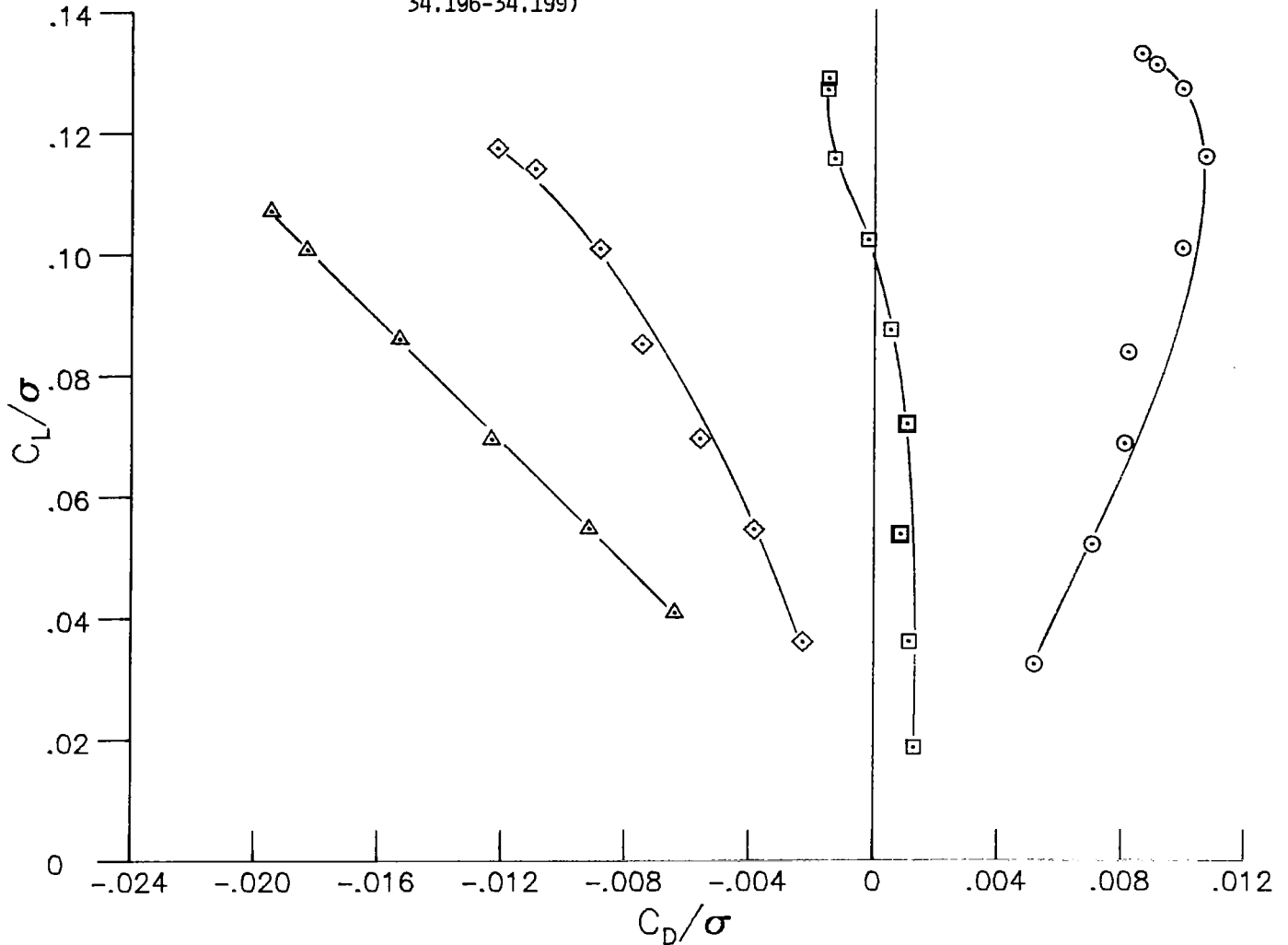
- $\alpha_s = 0^\circ$ (Pts. 38.355-38.359)
- ◇ $\alpha_s = -5^\circ$ (Pts. 38.360-38.366)
- △ $\alpha_s = -10^\circ$ (Pts. 38.367-38.373)



(d) C_L/σ versus C_Q/σ at $\mu = 0.30$ and $M_T = 0.65$.

Figure 9.- Concluded.

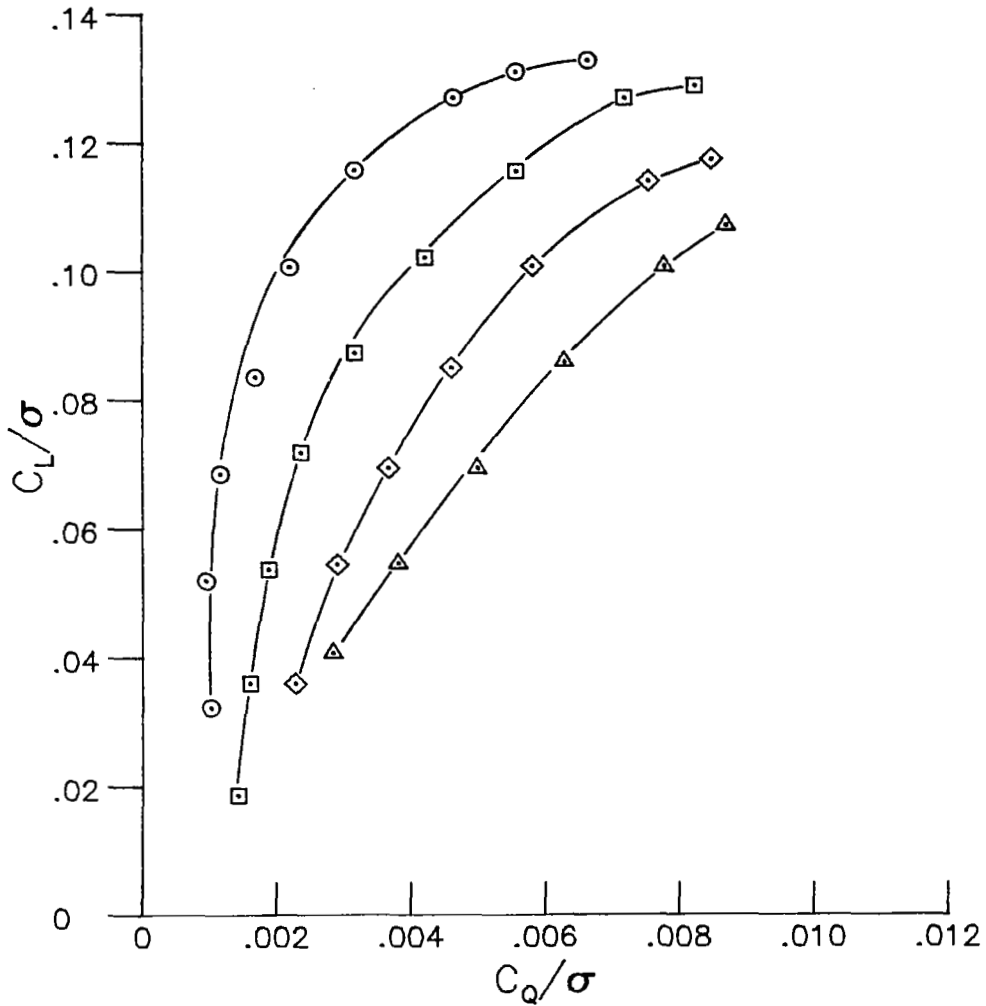
- ≡ $\alpha_s = 5^\circ$ (Pts. 34.177-34.185)
- ≡ $\alpha_s = 0^\circ$ (Pts. 34.168-34.176)
- ◇ ≡ $\alpha_s = -5^\circ$ (Pts. 34.186-34.192)
- △ ≡ $\alpha_s = -10^\circ$ (Pts. 34.193-34.194 and 34.196-34.199)



(a) C_L/σ versus C_D/σ at $\mu = 0.20$ and $M_T = 0.65$.

Figure 10.- Rotor performance data for ACR blade with rectangular tip and 4° tabs.

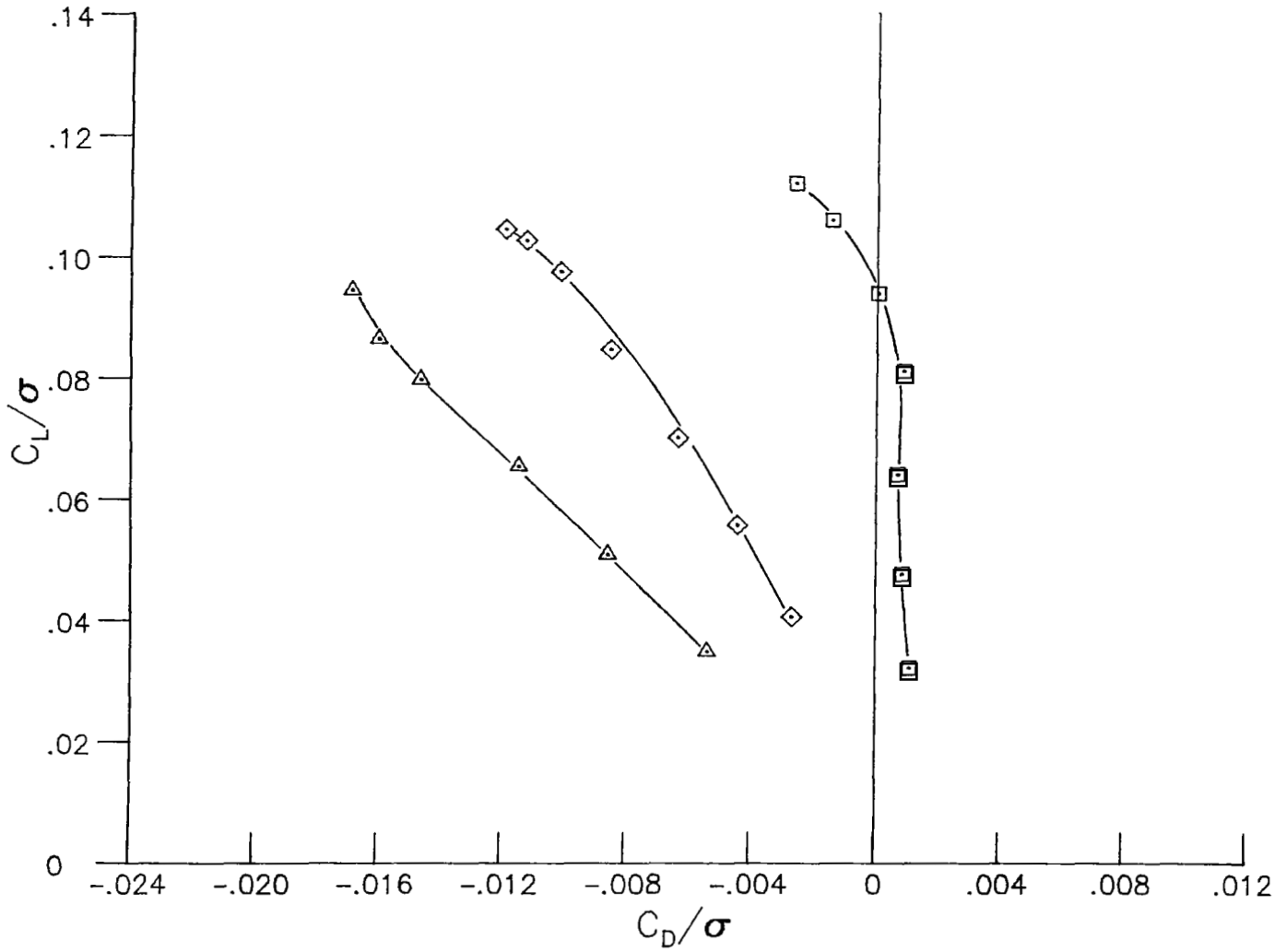
- $\alpha_s = 5^\circ$ (Pts. 34,177-34,185)
- $\alpha_s = 0^\circ$ (Pts. 34,168-34,176)
- ◇ $\alpha_s = -5^\circ$ (Pts. 34,186-34,192)
- △ $\alpha_s = -10^\circ$ (Pts. 34,193-34,194 and 34,196-34,199)



(b) C_L/σ versus C_Q/σ at $\mu = 0.20$ and $M_T = 0.65$.

Figure 10.- Continued.

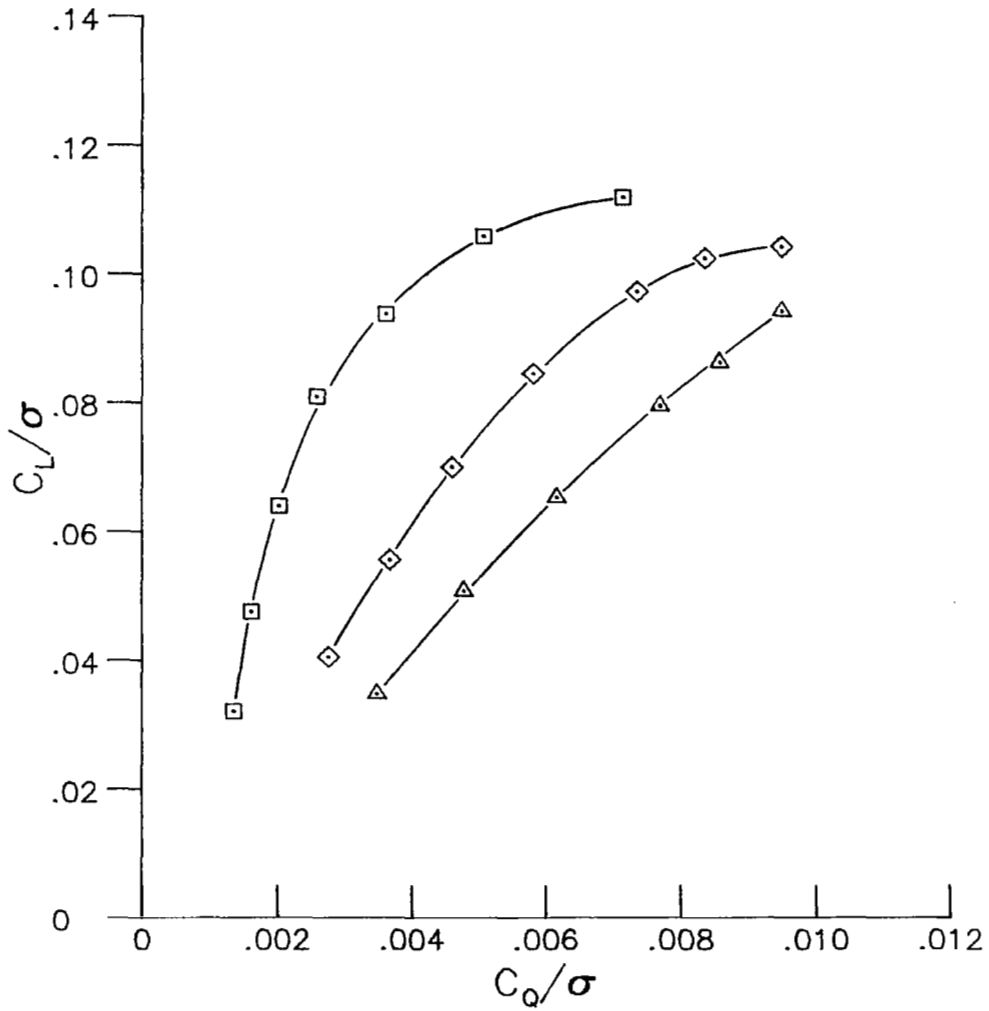
- $\alpha_S = 0^\circ$ (Pts. 35.203-35.205 and 35.207-35.210)
- ◇ $\alpha_S = -5^\circ$ (Pts. 35.211-35.217)
- △ $\alpha_S = -10^\circ$ (Pts. 35.218-35.223)



(c) C_L/σ versus C_D/σ for $\mu = 0.30$ and $M_T = 0.62$.

Figure 10.- Continued.

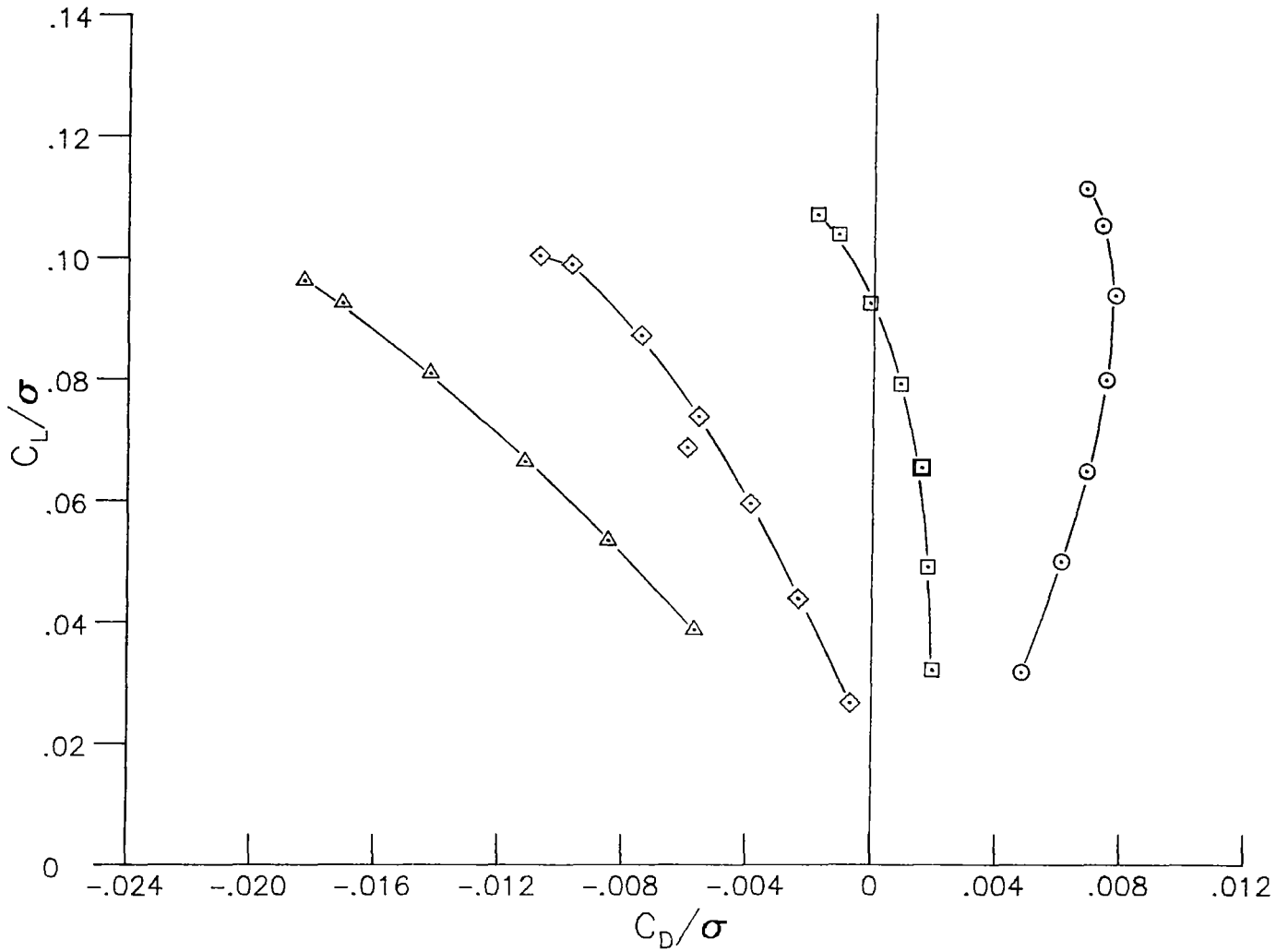
- $\alpha_s = 0^\circ$ (Pts. 35.203-35.205 and 35.207-35.210)
- ◇ $\alpha_s = -5^\circ$ (Pts. 35.211-35.217)
- △ $\alpha_s = -10^\circ$ (Pts. 35.218-35.223)



(d) C_L/σ versus C_Q/σ for $\mu = 0.30$ and $M_T = 0.62$.

Figure 10.- Continued.

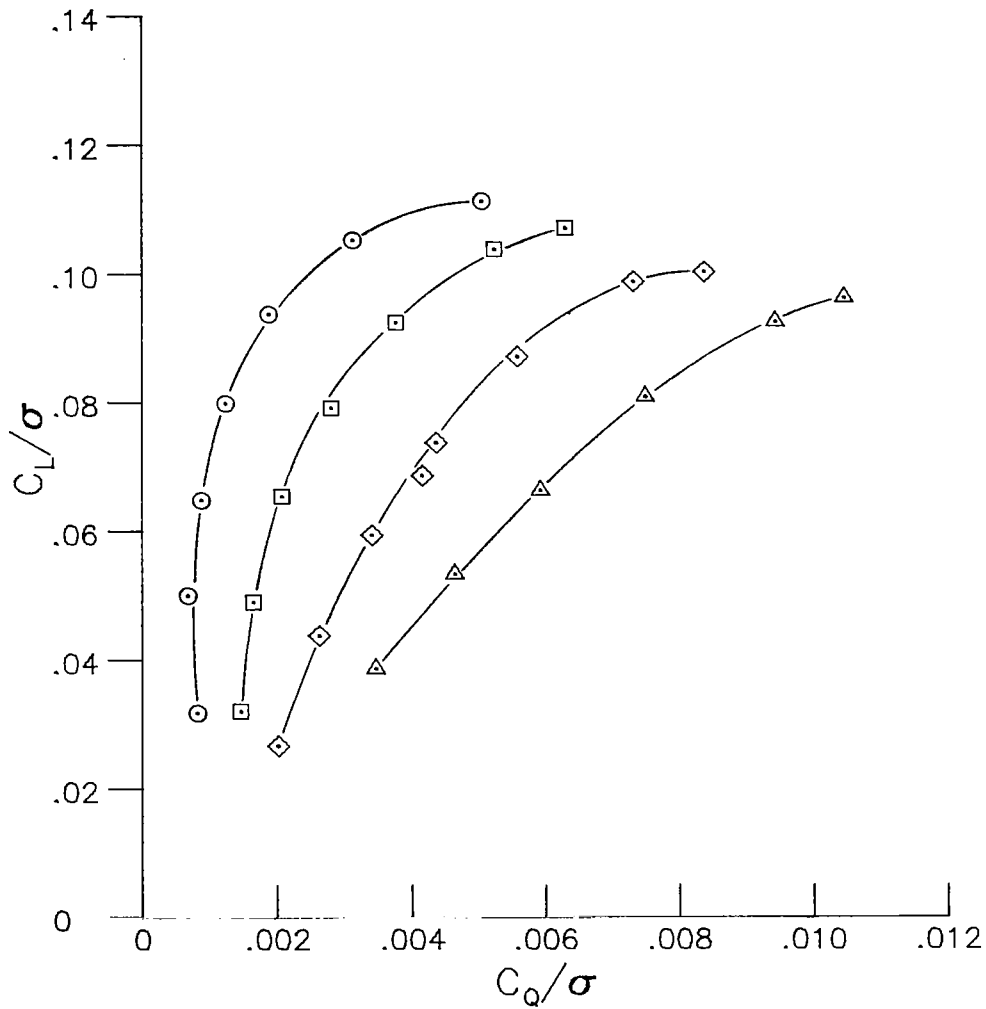
- $\alpha_S = 5^\circ$ (Pts. 35.224-35.230)
- $\alpha_S = 0^\circ$ (Pts. 35.231-35.237)
- ◇ $\alpha_S = -5^\circ$ (Pts. 35.238-35.245)
- △ $\alpha_S = -10^\circ$ (Pts. 35.246-35.251)



(e) C_L/σ versus C_D/σ at $\mu = 0.30$ and $M_T = 0.65$.

Figure 10.- Continued.

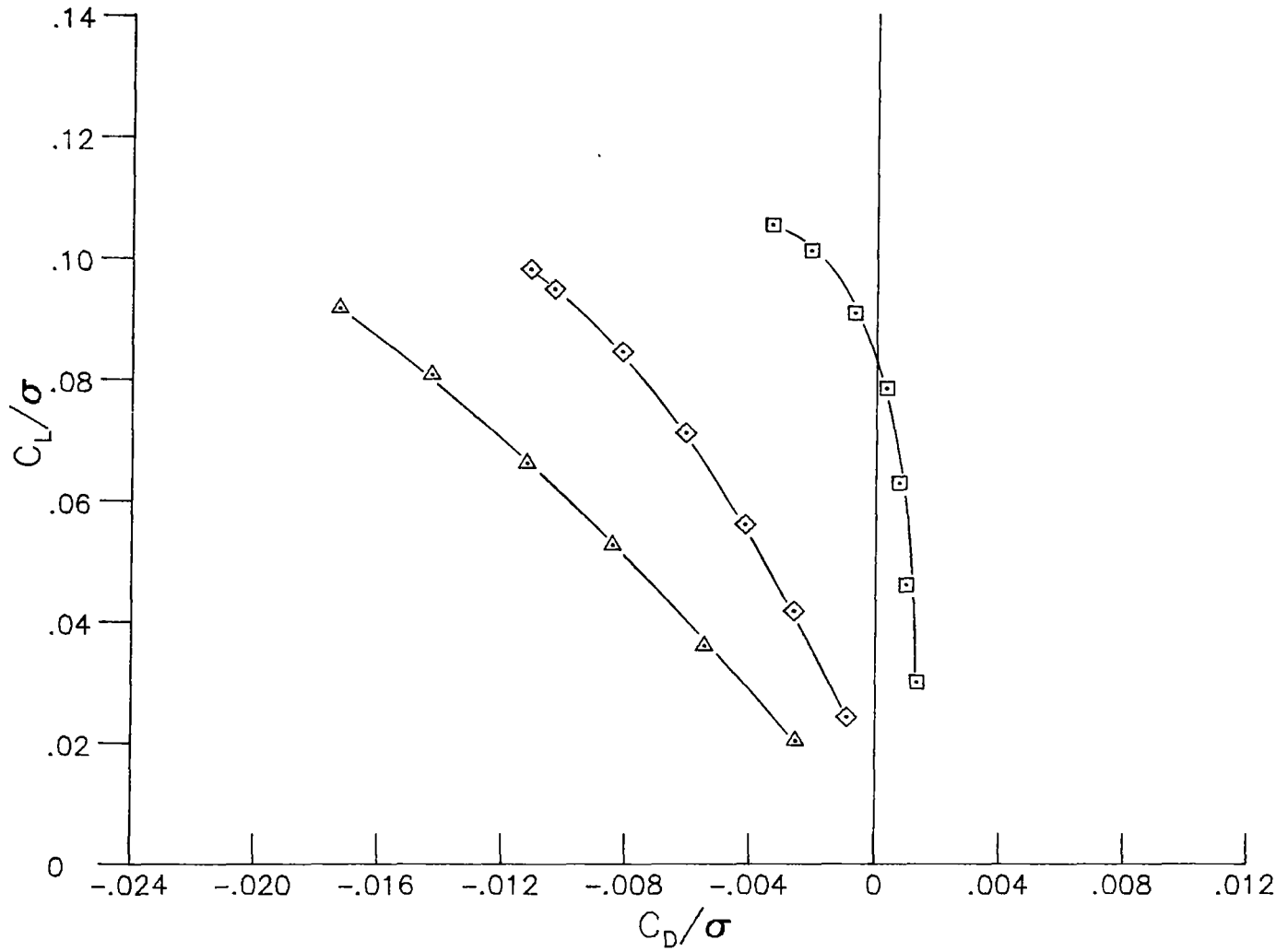
- $\alpha_S = 5^\circ$ (Pts. 35.224-35.230)
- $\alpha_S = 0^\circ$ (Pts. 35.231-35.237)
- ◇ $\alpha_S = -5^\circ$ (Pts. 35.238-35.245)
- △ $\alpha_S = -10^\circ$ (Pts. 35.246-35.251)



(f) C_L/σ versus C_Q/σ at $\mu = 0.30$ and $M_T = 0.65$.

Figure 10.- Continued.

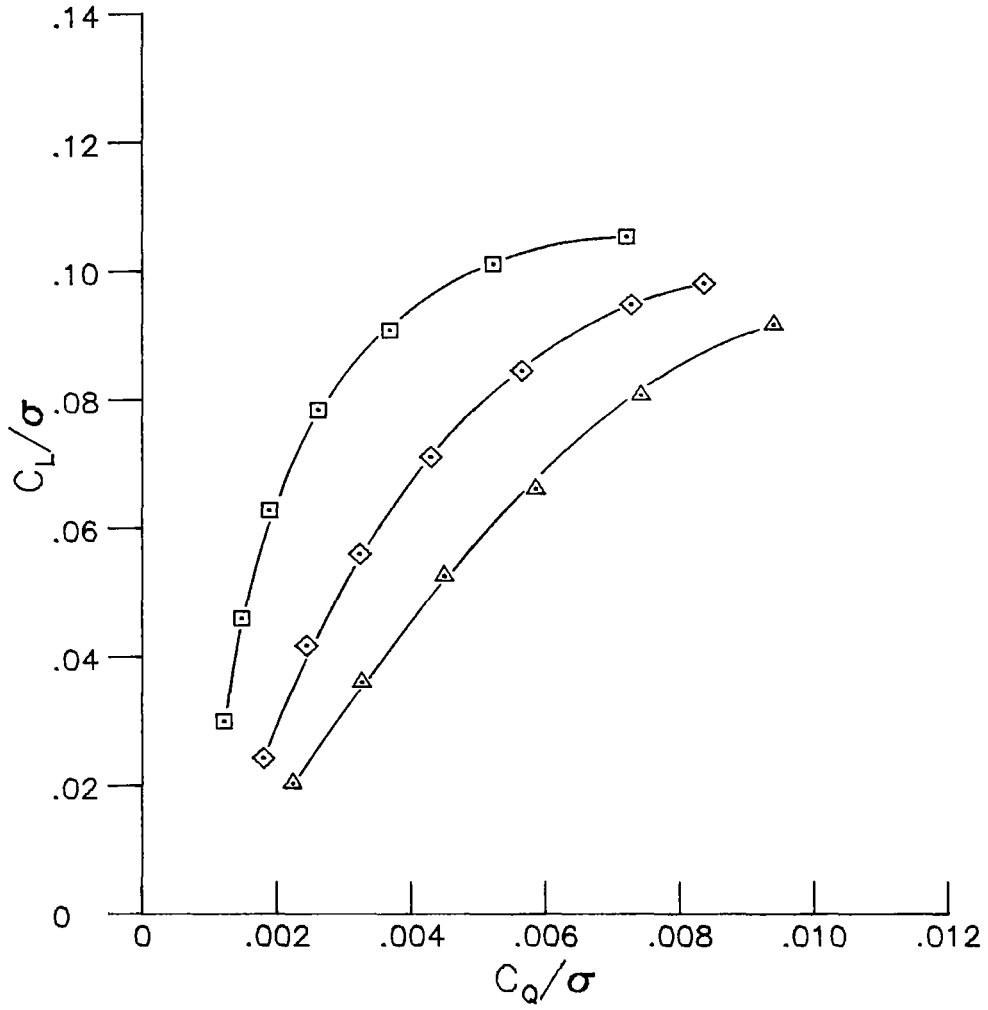
- $\alpha_s = 0^\circ$ (Pts. 36.255-36.261)
- ◇ $\alpha_s = -5^\circ$ (Pts. 36.262-36.268)
- △ $\alpha_s = -10^\circ$ (Pts. 36.269-36.274)



(g) C_L/σ versus C_D/σ at $\mu = 0.30$ and $M_T = 0.68$.

Figure 10.- Continued.

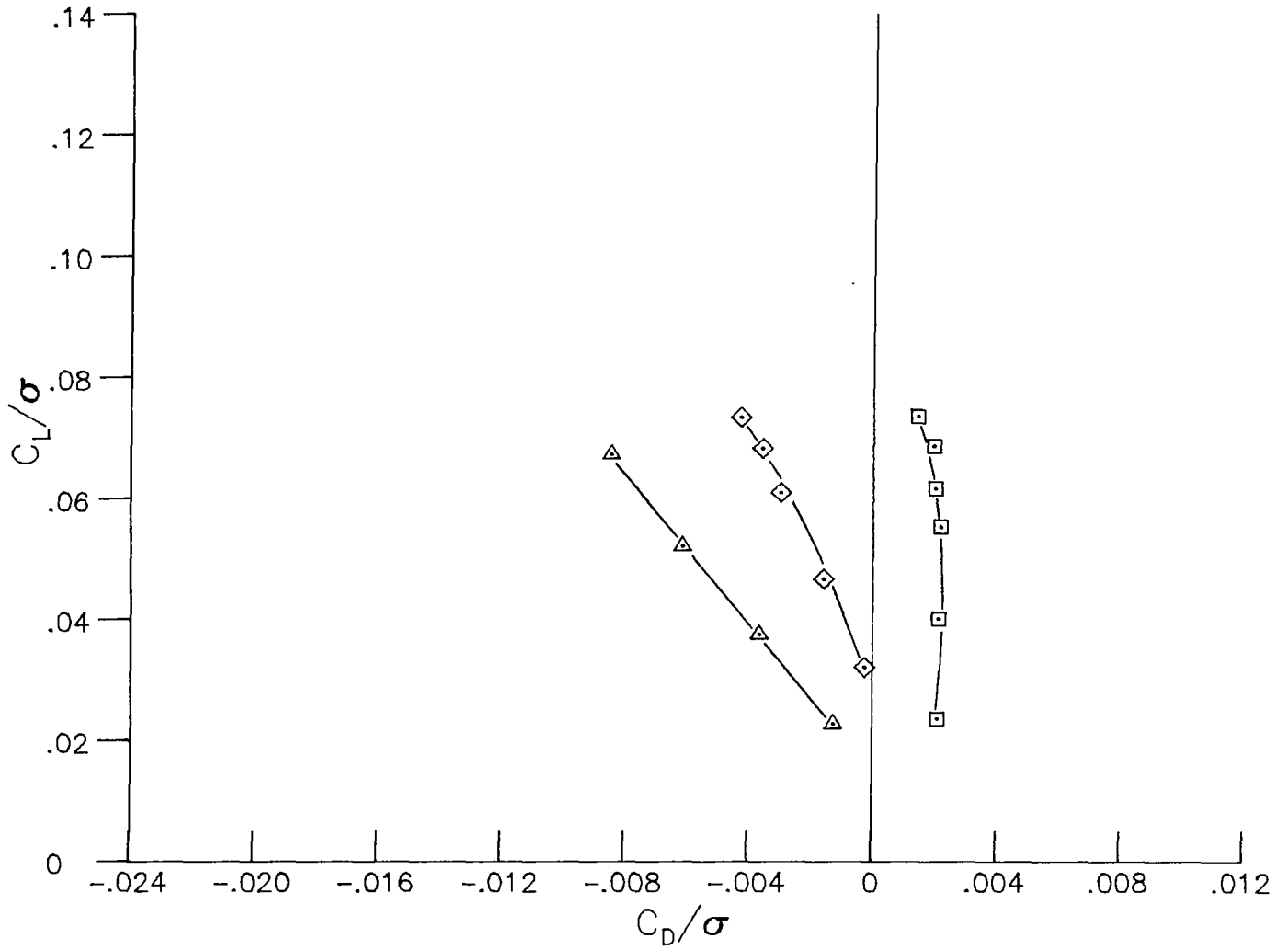
- $\alpha_s = 0^\circ$ (Pts. 36.255-36.261)
- ◇ $\alpha_s = -5^\circ$ (Pts. 36.262-36.268)
- △ $\alpha_s = -10^\circ$ (Pts. 36.269-36.274)



(h) C_L/σ versus C_Q/σ at $\mu = 0.30$ and $M_T = 0.68$.

Figure 10.- Continued.

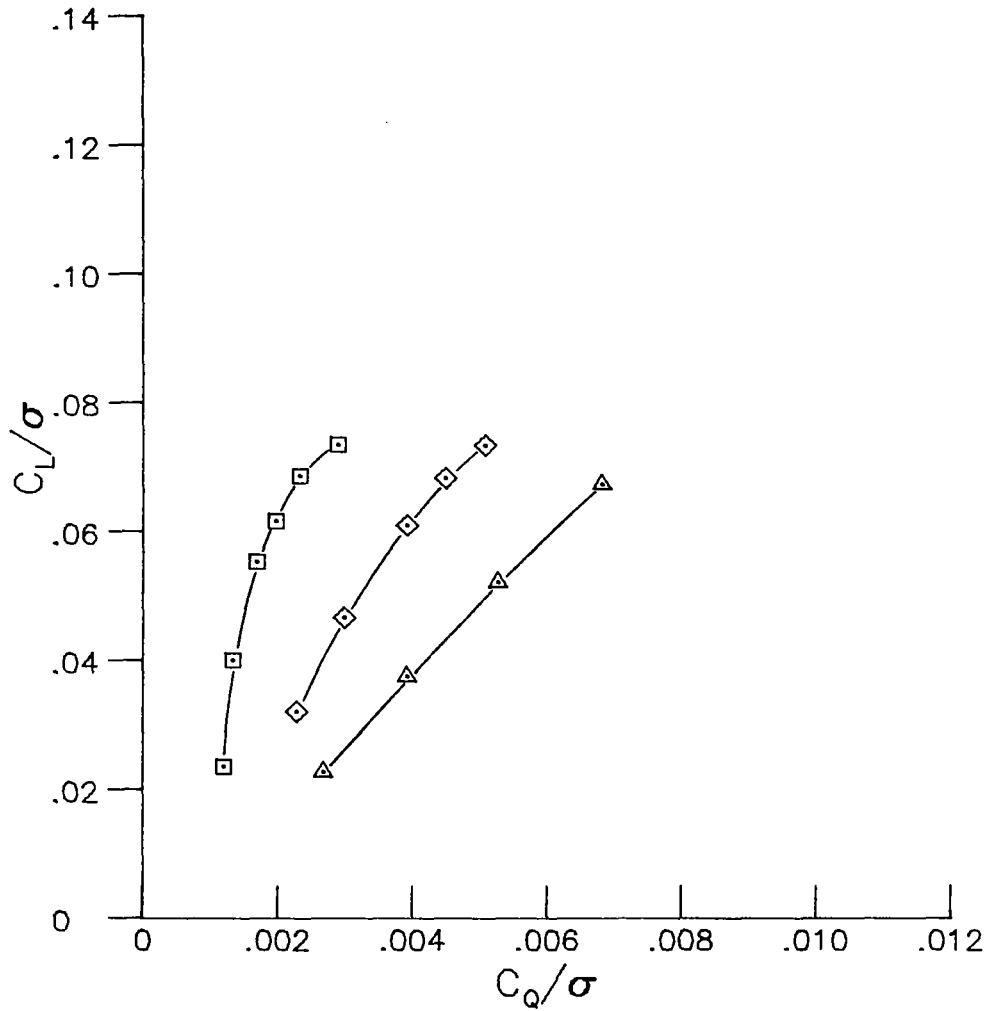
- $\alpha_s = 0^\circ$ (Pts. 36.284-36.289)
- ◇ $\alpha_s = -5^\circ$ (Pts. 36.279-36.283)
- △ $\alpha_s = -10^\circ$ (Pts. 36.275-36.278)



(i) C_L/σ versus C_D/σ at $\mu = 0.40$ and $M_T = 0.62$.

Figure 10.- Continued.

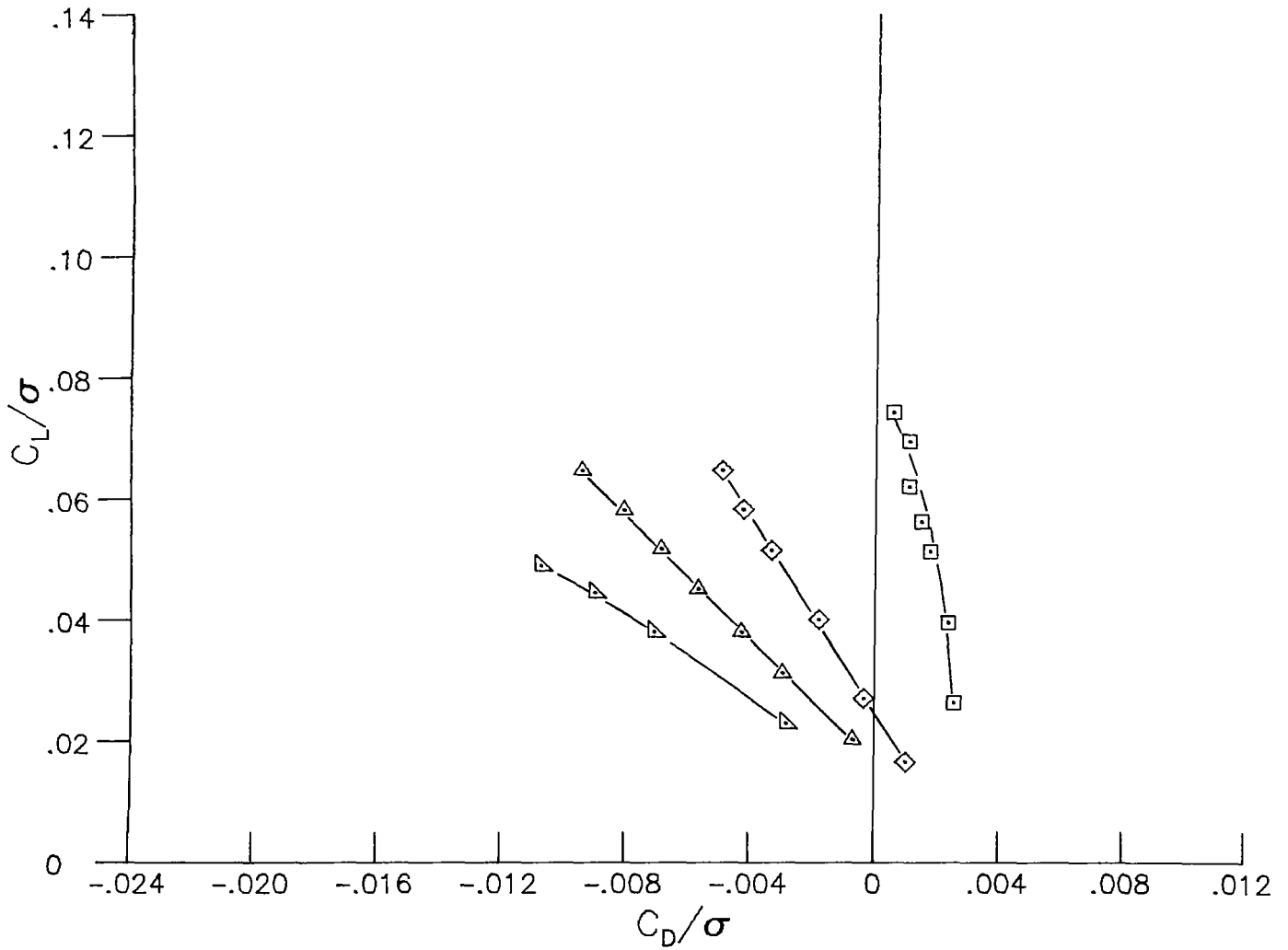
- $\alpha_s = 0^\circ$ (Pts. 36.284-36.289)
- ◇ $\alpha_s = -5^\circ$ (Pts. 36.279-36.283)
- △ $\alpha_s = -10^\circ$ (Pts. 36.275-36.278)



(j) C_L/σ versus C_Q/σ at $\mu = 0.40$ and $M_T = 0.62$.

Figure 10.- Continued.

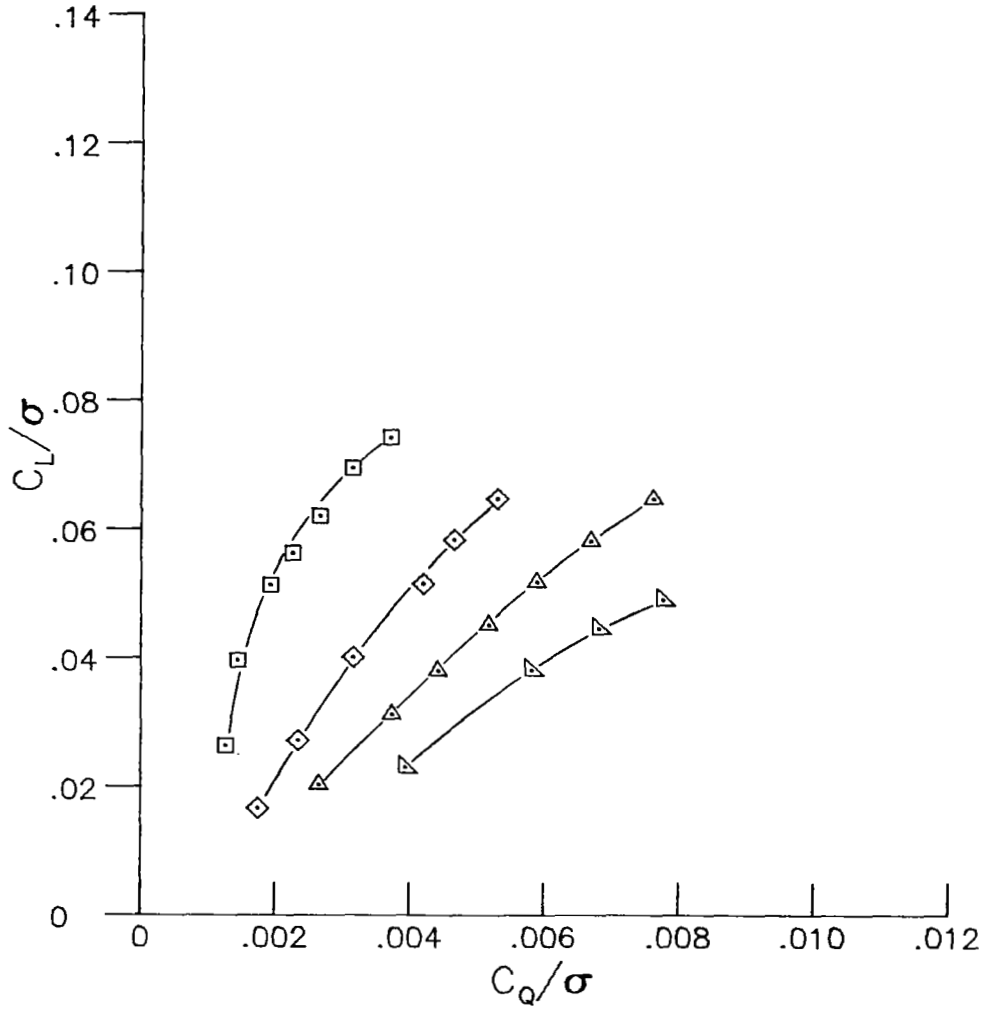
- $\alpha_s = 0^\circ$ (Pts. 36.290-36.296)
- ◇ $\alpha_s = -5^\circ$ (Pts. 36.297-36.302)
- △ $\alpha_s = -10^\circ$ (Pts. 36.303-36.309)
- ▽ $\alpha_s = -15^\circ$ (Pts. 36.310-36.313)



(k) C_L/σ versus C_D/σ at $\mu = 0.40$ and $M_T = 0.65$.

Figure 10.- Continued.

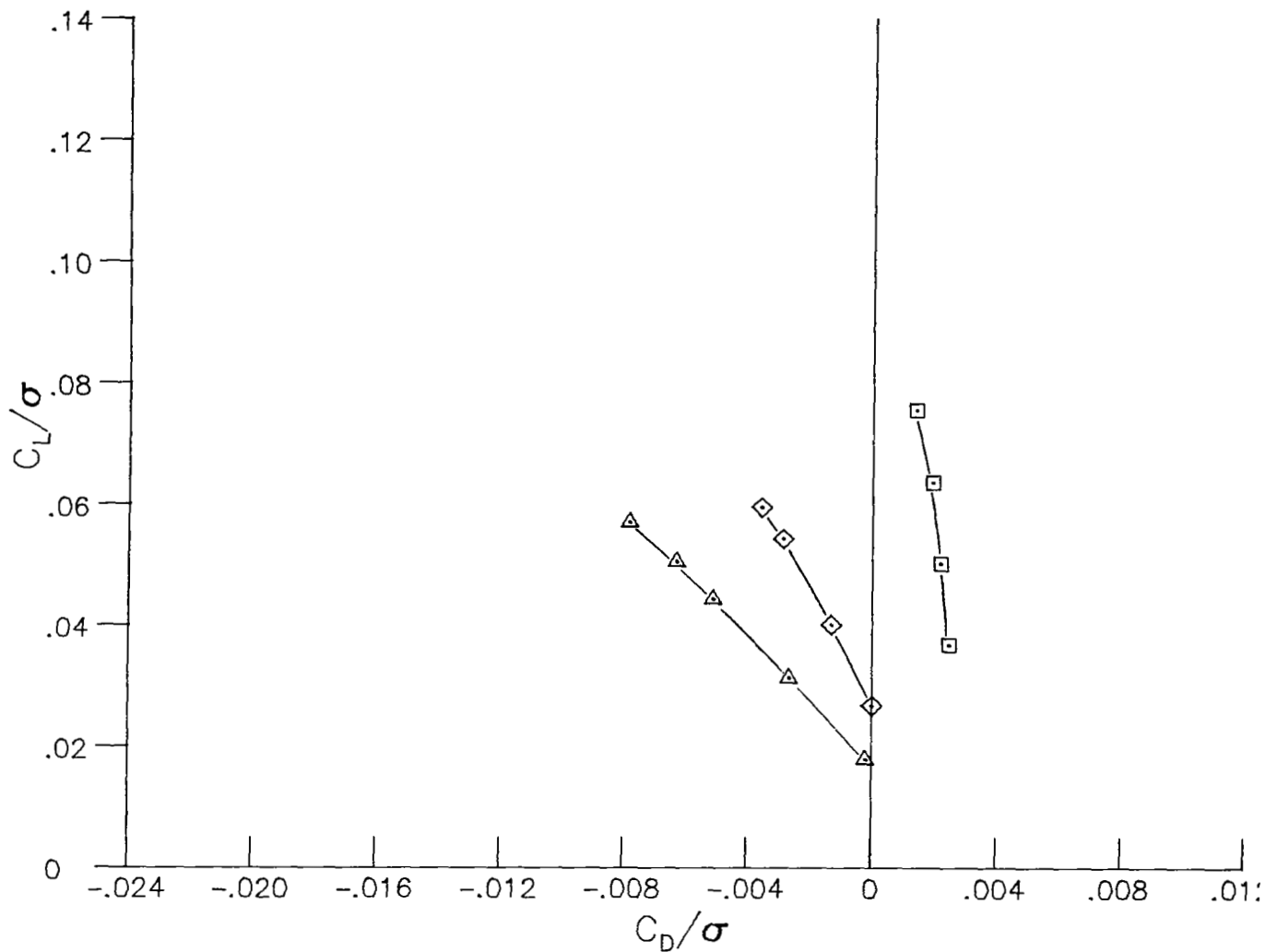
- $\alpha_s = 0^\circ$ (Pts. 36.290-36.296)
- ◇ $\alpha_s = -5^\circ$ (Pts. 36.297-36.302)
- △ $\alpha_s = -10^\circ$ (Pts. 36.303-36.309)
- ▴ $\alpha_s = -15^\circ$ (Pts. 36.310-36.313)



(1) C_L/σ versus C_Q/σ at $\mu = 0.40$ and $M_T = 0.65$.

Figure 10.- Continued.

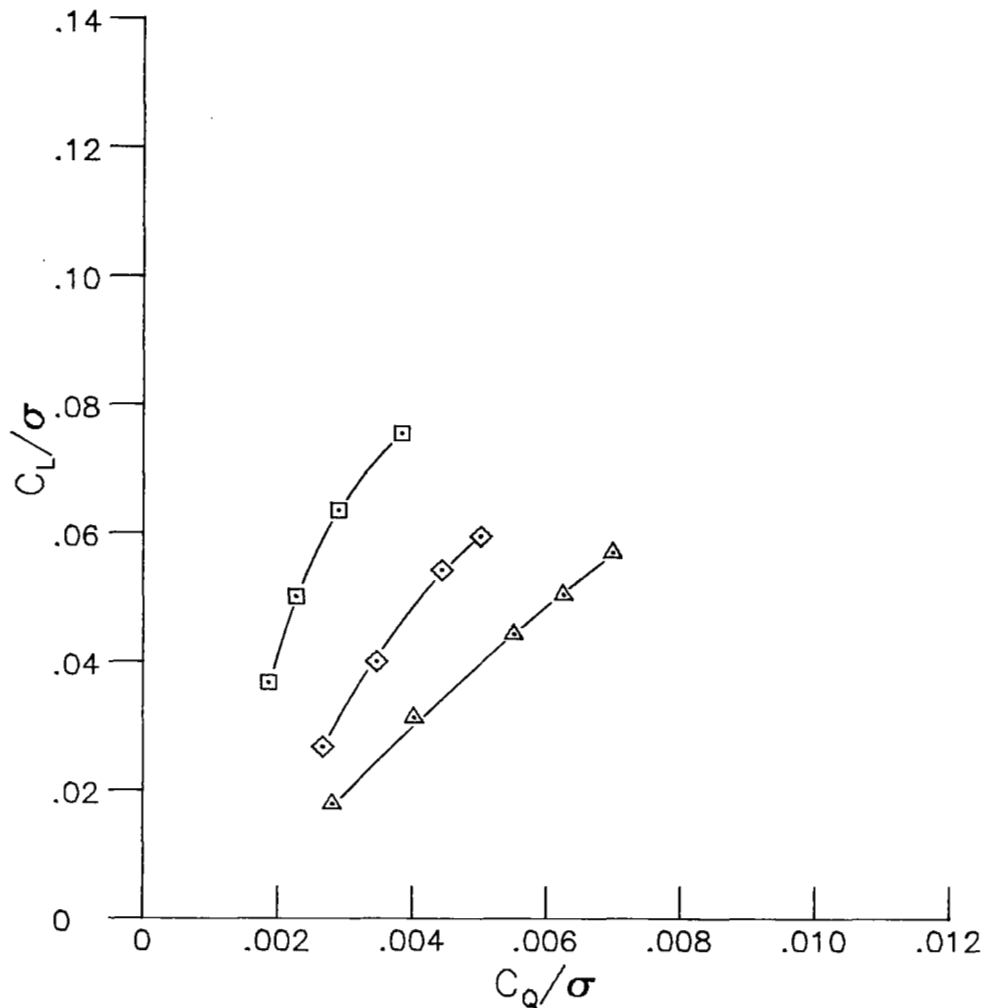
- $\alpha_s = 0^\circ$ (Pts. 37,319-37,322)
- ◇ $\alpha_s = -5^\circ$ (Pts. 37,323-37,326)
- △ $\alpha_s = -10^\circ$ (Pts. 37,327-37,331)



(m) C_L/σ versus C_D/σ at $\mu = 0.40$ and $M_T = 0.68$.

Figure 10.- Continued.

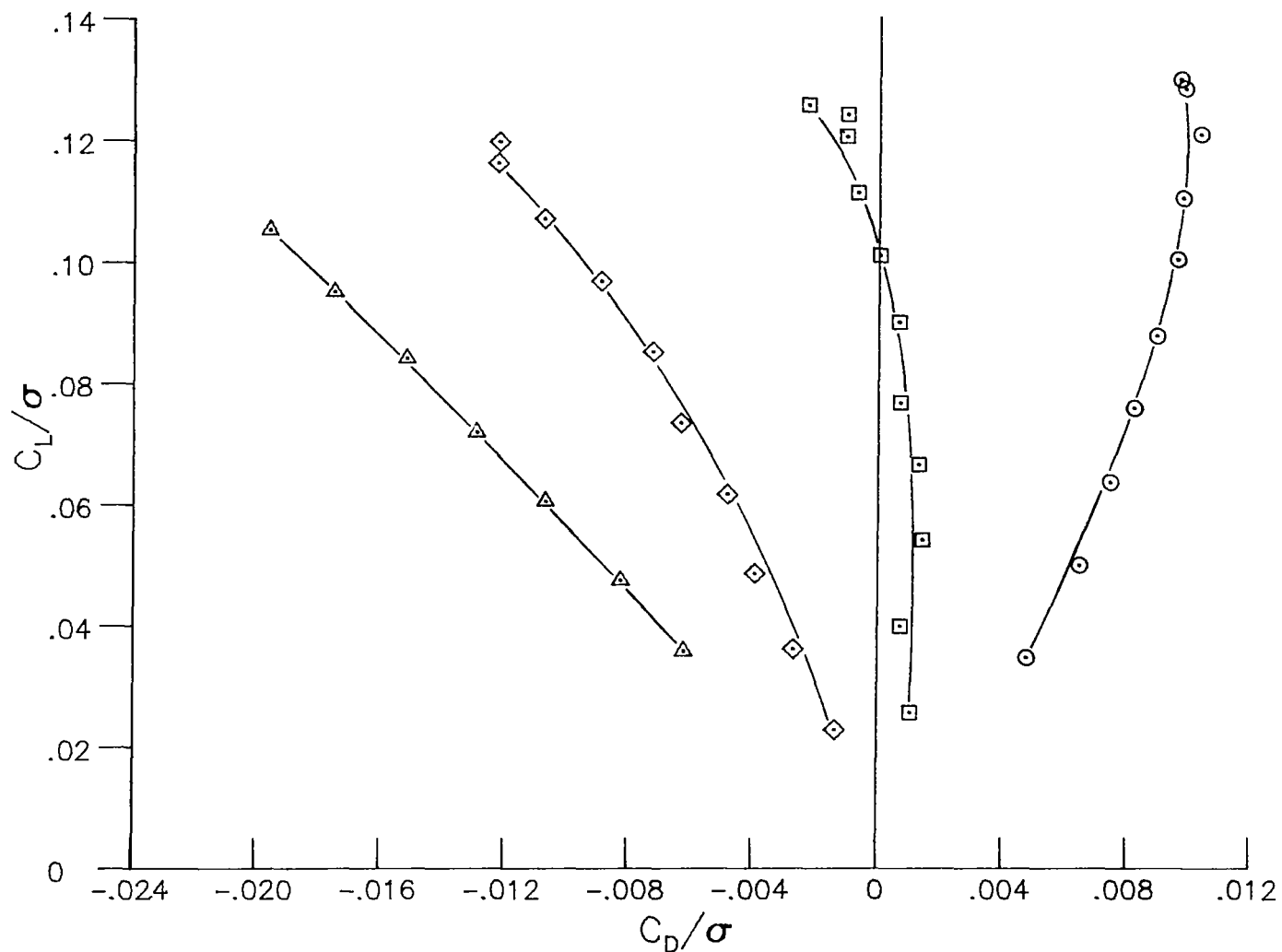
- $\alpha_S = 0^\circ$ (Pts. 37.319-37.322)
- ◇ $\alpha_S = -5^\circ$ (Pts. 37.323-37.326)
- △ $\alpha_S = -10^\circ$ (Pts. 37.327-37.331)



(n) C_L/σ versus C_Q/σ at $\mu = 0.40$ and $M_T = 0.68$.

Figure 10.- Concluded.

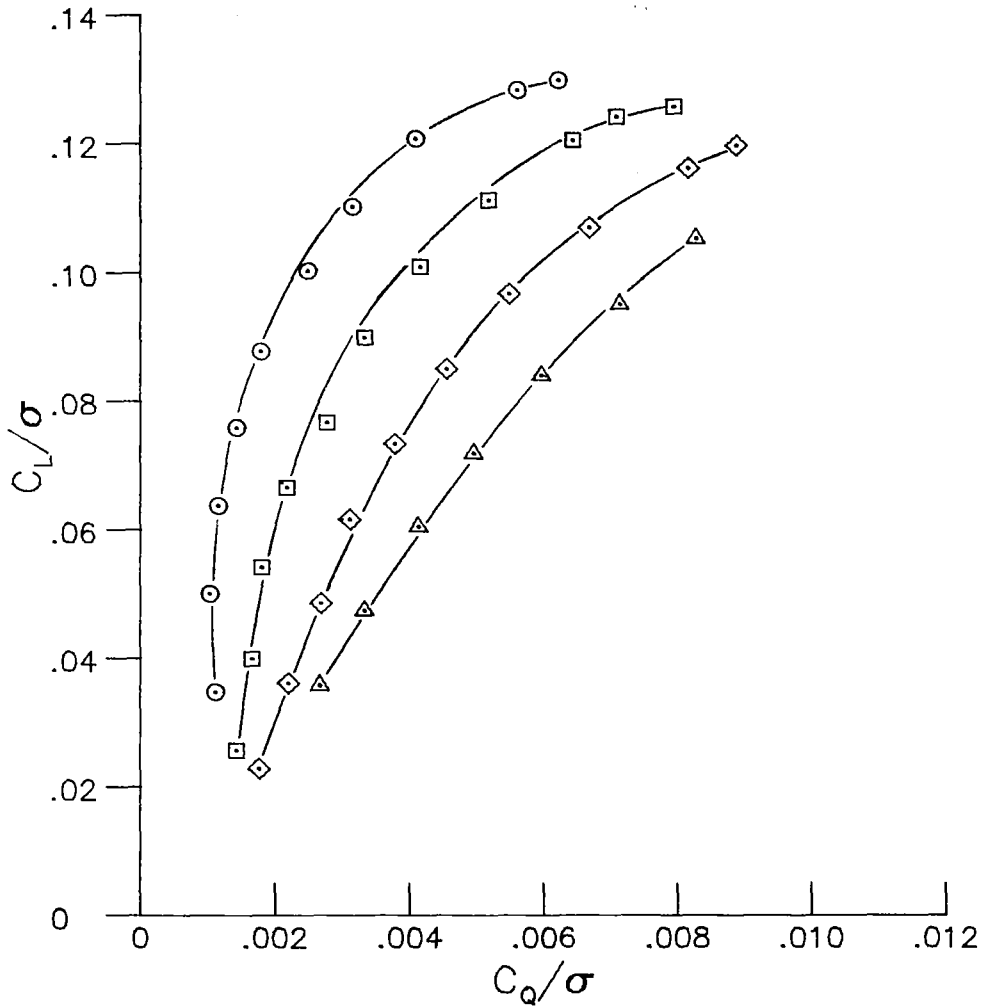
- ⊙ $\alpha_s = 5^\circ$ (Pts. 7.119-7.128)
- $\alpha_s = 0^\circ$ (Pts. 7.108-7.118)
- ◇ $\alpha_s = -5^\circ$ (Pts. 7.129-7.138)
- △ $\alpha_s = -10^\circ$ (Pts. 7.139-7.145)



(a) C_L/σ versus C_D/σ at $\mu = 0.20$ and $M_T = 0.65$.

Figure 11.- Rotor performance data for ACR blade with swept tip and 4° tabs.

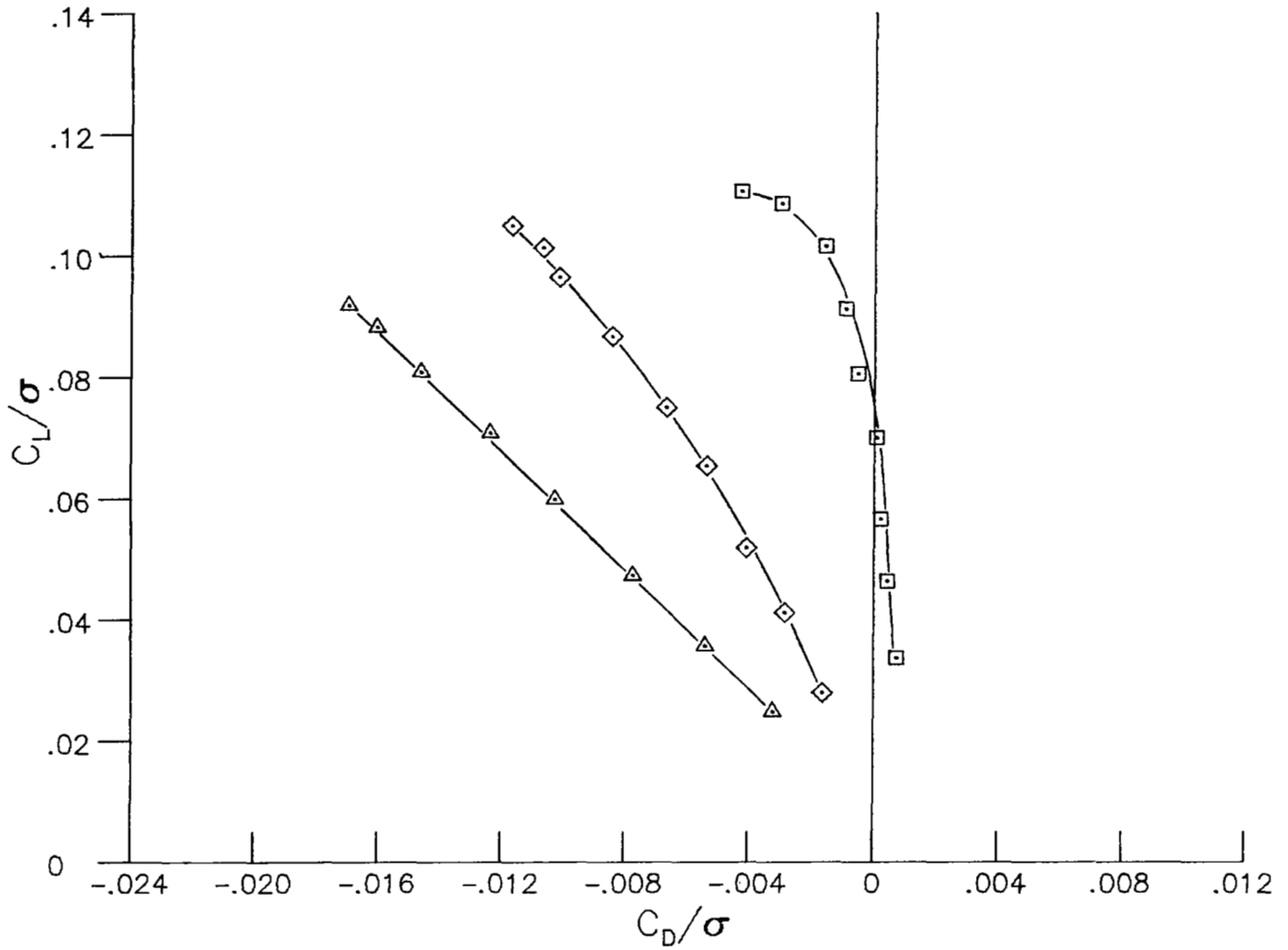
- $\alpha_s = 5^\circ$ (Pts. 7.119-7.128)
- $\alpha_s = 0^\circ$ (Pts. 7.108-7.118)
- ◇ $\alpha_s = -5^\circ$ (Pts. 7.129-7.138)
- △ $\alpha_s = -10^\circ$ (Pts. 7.139-7.145)



(b) C_L/σ versus C_Q/σ at $\mu = 0.20$ and $M_T = 0.65$.

Figure 11.- Continued.

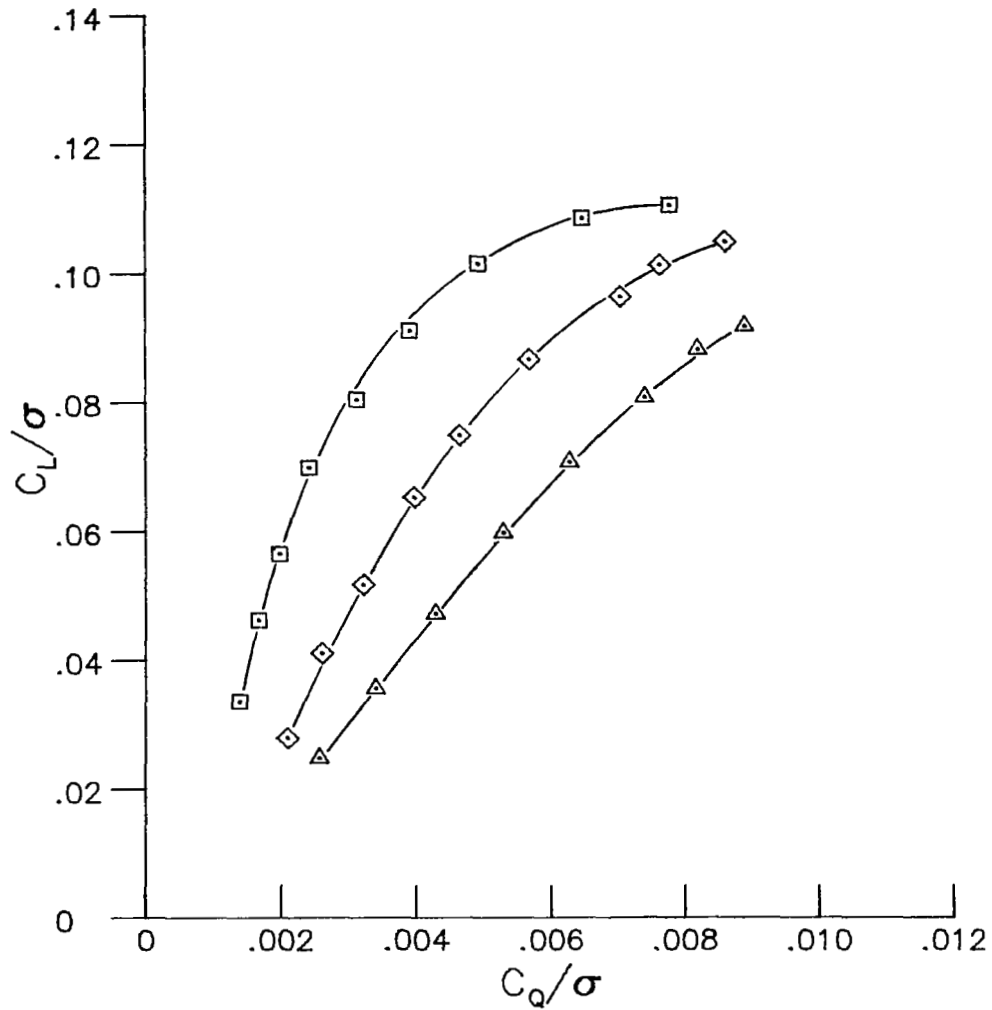
- $\alpha_s = 0^\circ$ (Pts. 8.173-8.177 and 8.179-8.182)
- ◇ $\alpha_s = -5^\circ$ (Pts. 8.164-8.172)
- △ $\alpha_s = -10^\circ$ (Pts. 8.156-8.163)



(c) C_L/σ versus C_D/σ at $\mu = 0.30$ and $M_T = 0.62$.

Figure 11.- Continued.

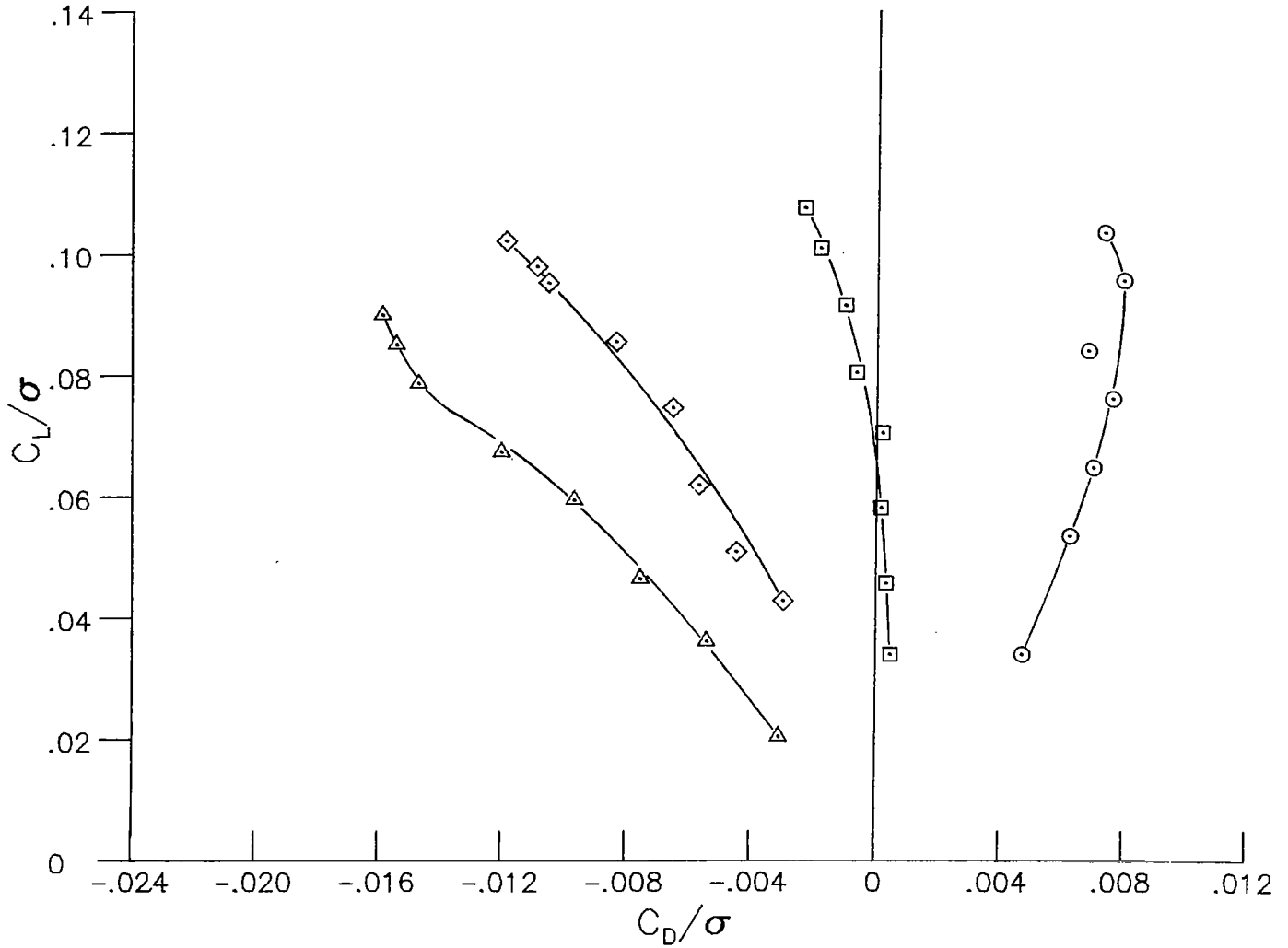
- $\alpha_s = 0^\circ$ (Pts. 8.173-8.177 and 8.179-8.182)
- ◇ $\alpha_s = -5^\circ$ (Pts. 8.164-8.172)
- △ $\alpha_s = -10^\circ$ (Pts. 8.156-8.163)



(d) C_L/σ versus C_Q/σ at $\mu = 0.30$ and $M_T = 0.62$.

Figure 11.- Continued.

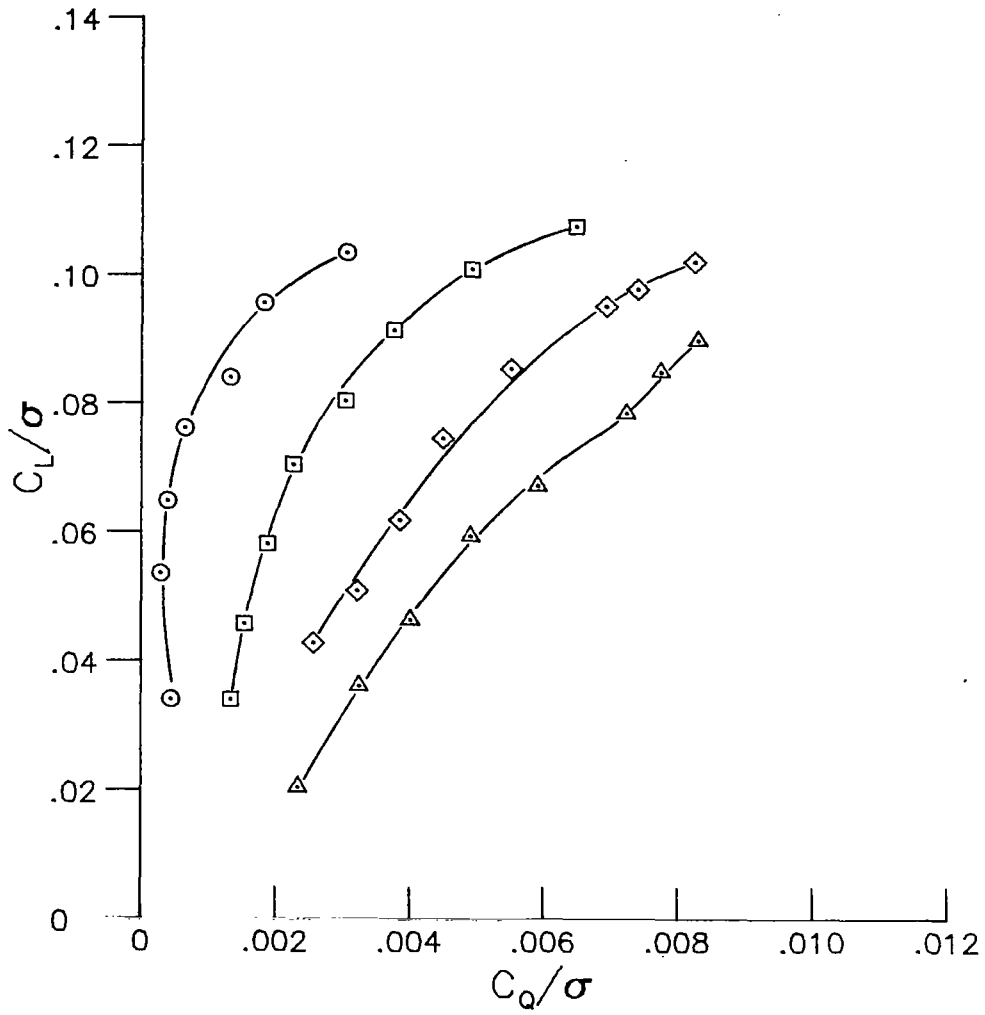
- ⊙ $\alpha_s = 5^\circ$ (Pts. 10.244-10.250)
- $\alpha_s = 0^\circ$ (Pts. 10.236-10.243)
- ◇ $\alpha_s = -5^\circ$ (Pts. 10.213-10.220)
- △ $\alpha_s = -10^\circ$ (Pts. 10.221-10.228)



(e) C_L/σ versus C_D/σ at $\mu = 0.30$ and $M_T = 0.65$.

Figure 11.- Continued.

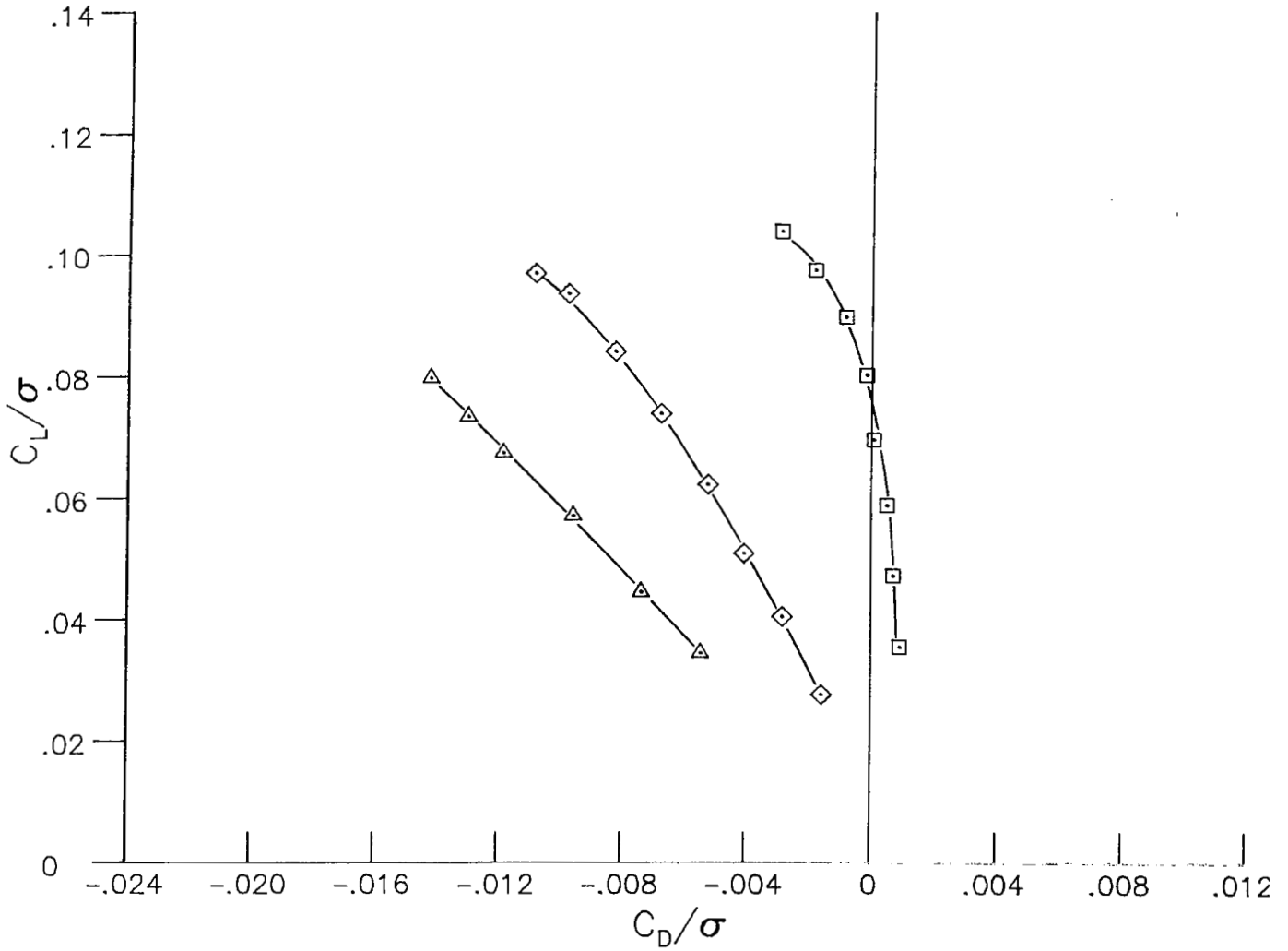
- $\alpha_S = 5^\circ$ (Pts. 10.244-10.250)
- $\alpha_S = 0^\circ$ (Pts. 10.236-10.243)
- ◇ $\alpha_S = -5^\circ$ (Pts. 10.213-10.220)
- △ $\alpha_S = -10^\circ$ (Pts. 10.221-10.228)



(f) C_L/σ versus C_Q/σ at $\mu = 0.30$ and $M_T = 0.65$.

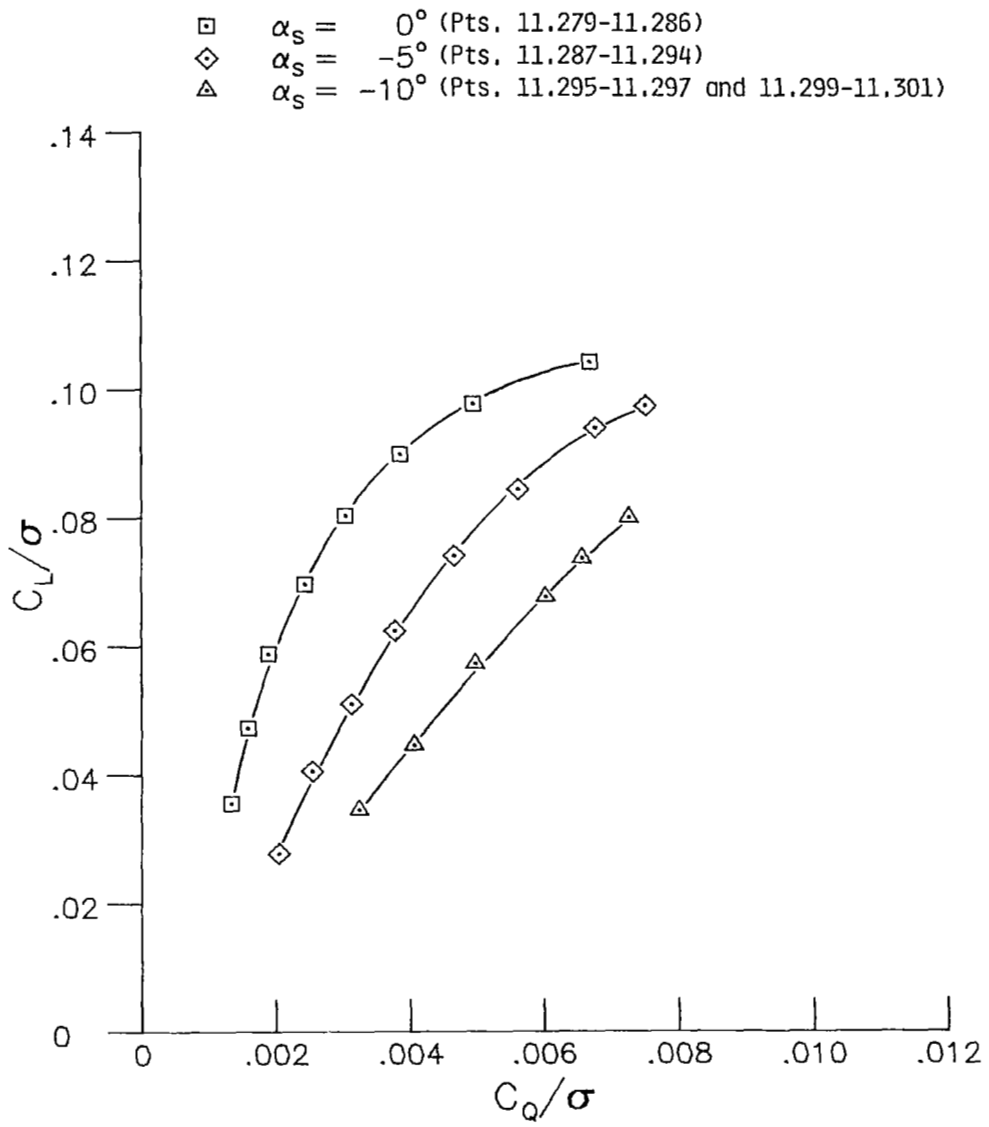
Figure 11.- Continued.

- $\alpha_s = 0^\circ$ (Pts. 11.279-11.286)
- ◇ $\alpha_s = -5^\circ$ (Pts. 11.287-11.294)
- △ $\alpha_s = -10^\circ$ (Pts. 11.295-11.297 and 11.299-11.301)



(g) C_L/σ versus C_D/σ at $\mu = 0.30$ and $M_T = 0.68$.

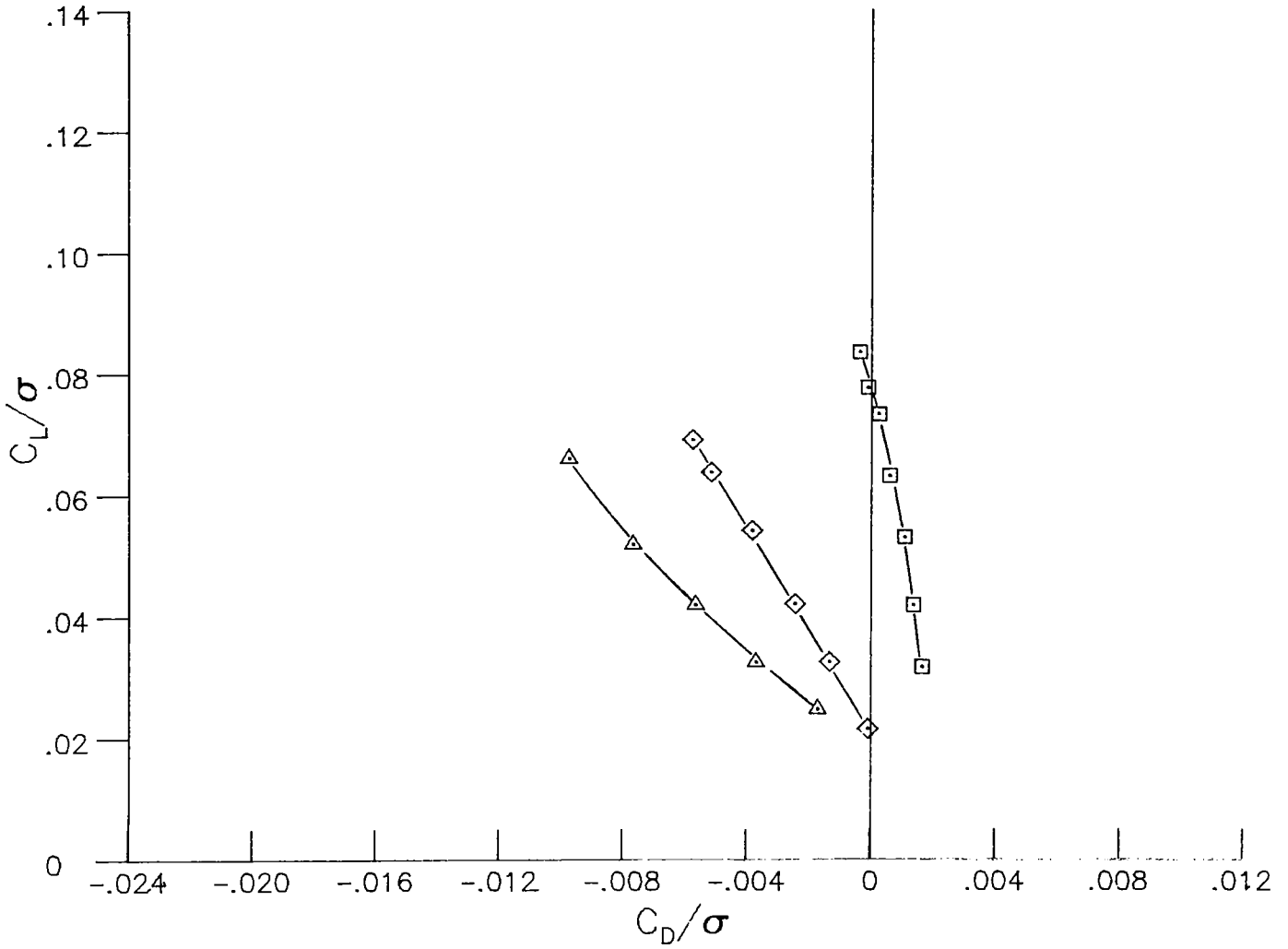
Figure 11.- Continued.



(h) C_L/σ versus C_Q/σ at $\mu = 0.30$ and $M_T = 0.68$.

Figure 11.- Continued.

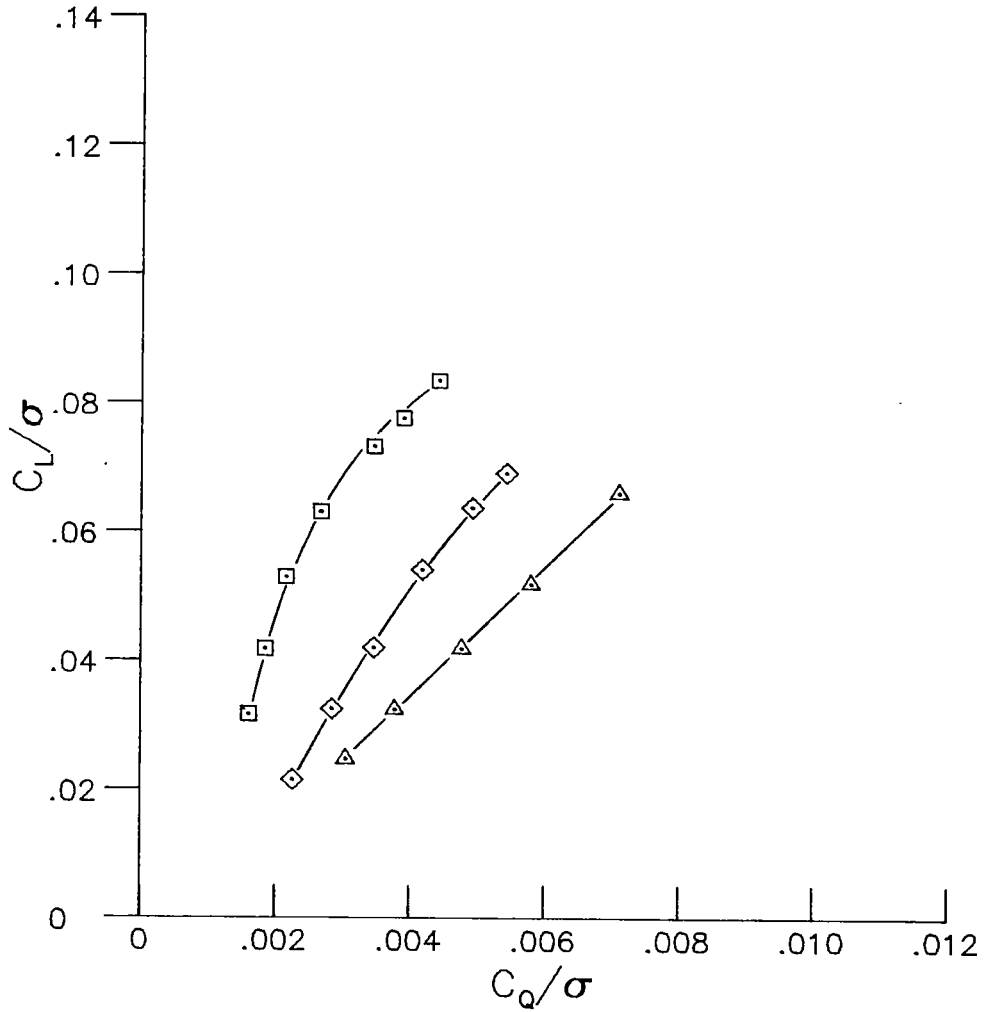
- $\alpha_s = 0^\circ$ (Pts. 12.310-12.316)
- ◇ $\alpha_s = -5^\circ$ (Pts. 12.318-12.323)
- △ $\alpha_s = -10^\circ$ (Pts. 12.302-12.306)



(i) C_L/σ versus C_D/σ at $\mu = 0.40$ and $M_T = 0.62$.

Figure 11.- Continued.

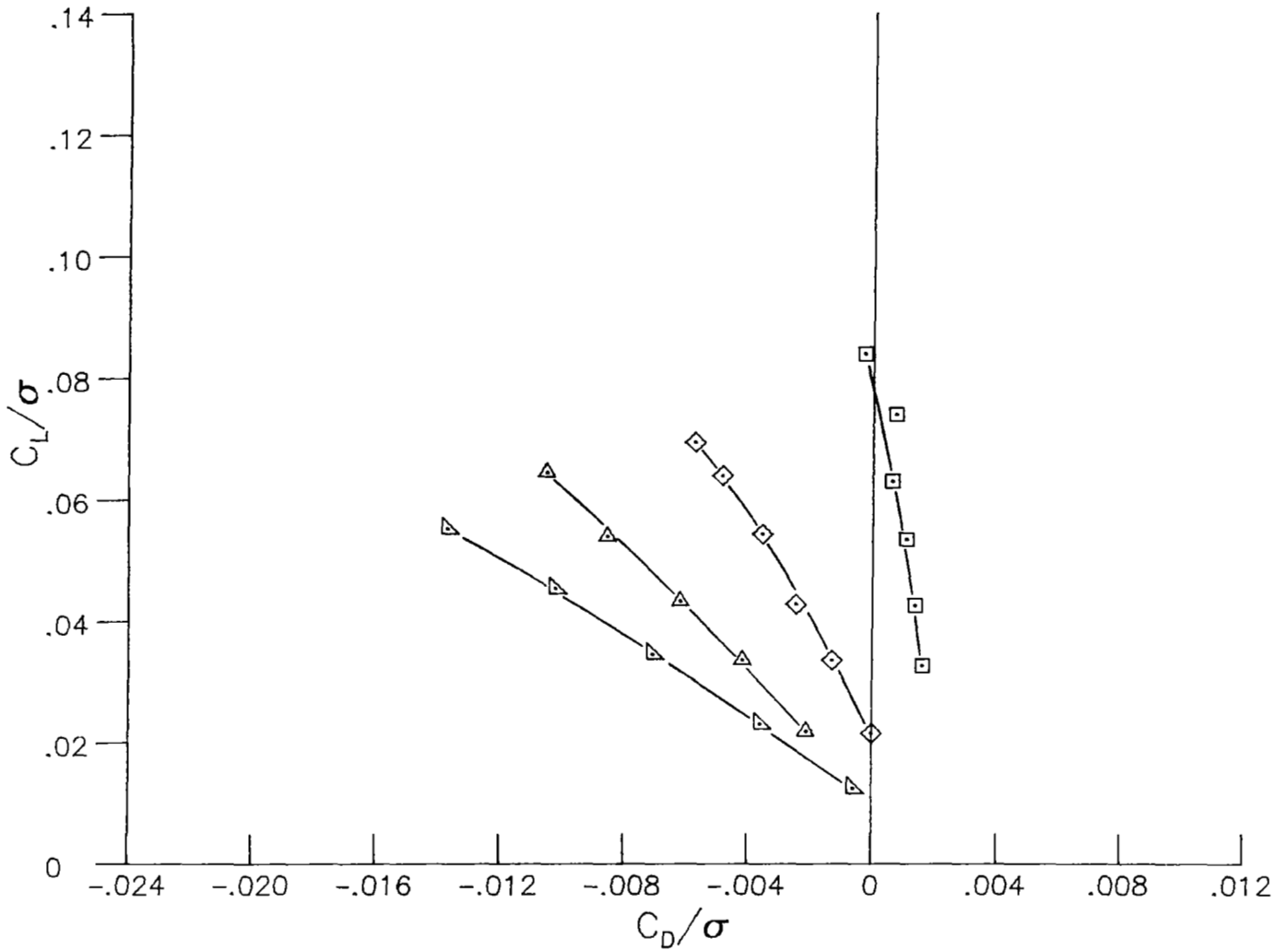
- $\alpha_S = 0^\circ$ (Pts. 12.310-12.316)
- ◇ $\alpha_S = -5^\circ$ (Pts. 12.308-12.323)
- △ $\alpha_S = -10^\circ$ (Pts. 12.302-12.306)



(j) C_L/σ versus C_Q/σ at $\mu = 0.40$ and $M_T = 0.62$.

Figure 11.- Continued.

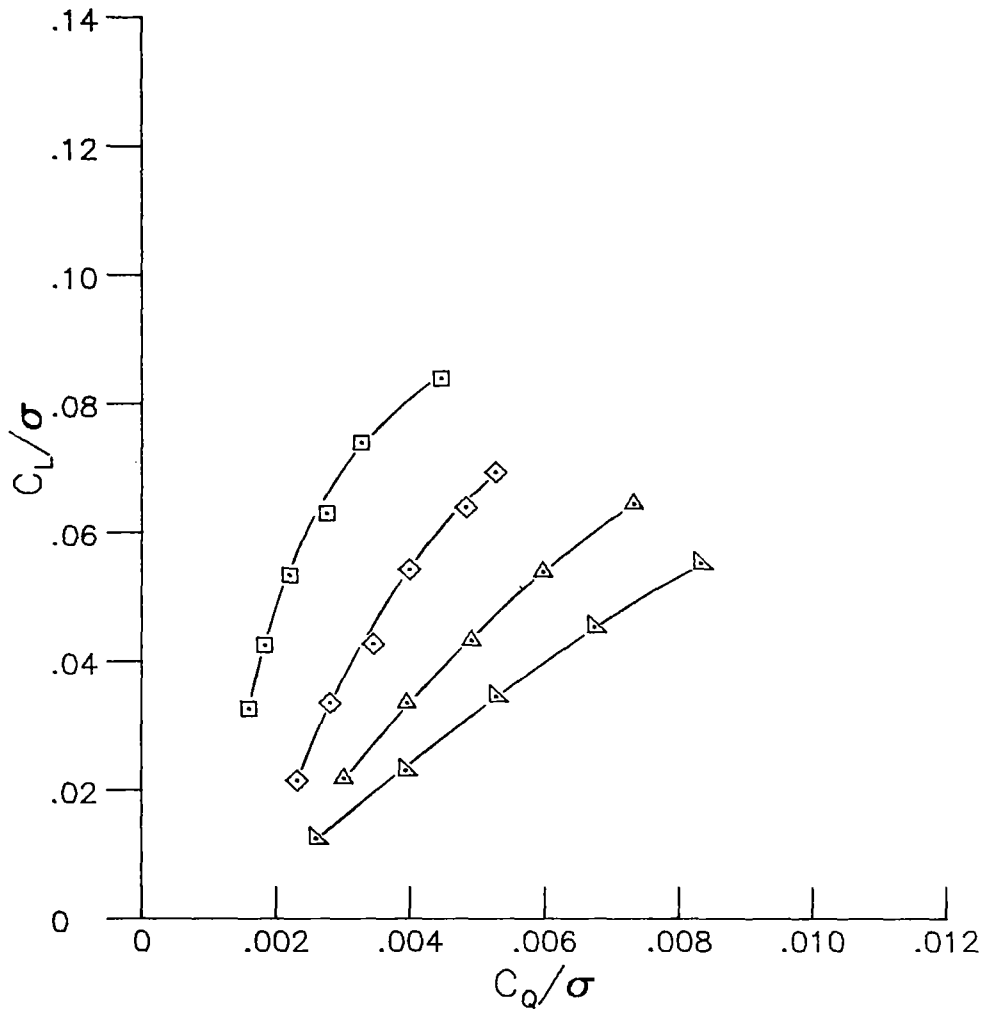
- $\alpha_s = 0^\circ$ (Pts. 14.324-14.329)
- ◇ $\alpha_s = -5^\circ$ (Pts. 14.330-14.332 and 14.334-14.336)
- △ $\alpha_s = -10^\circ$ (Pts. 14.371-14.375)
- ▽ $\alpha_s = -15^\circ$ (Pts. 14.376-14.380)



(k) C_L/σ versus C_D/σ at $\mu = 0.40$ and $M_T = 0.65$.

Figure 11.- Continued.

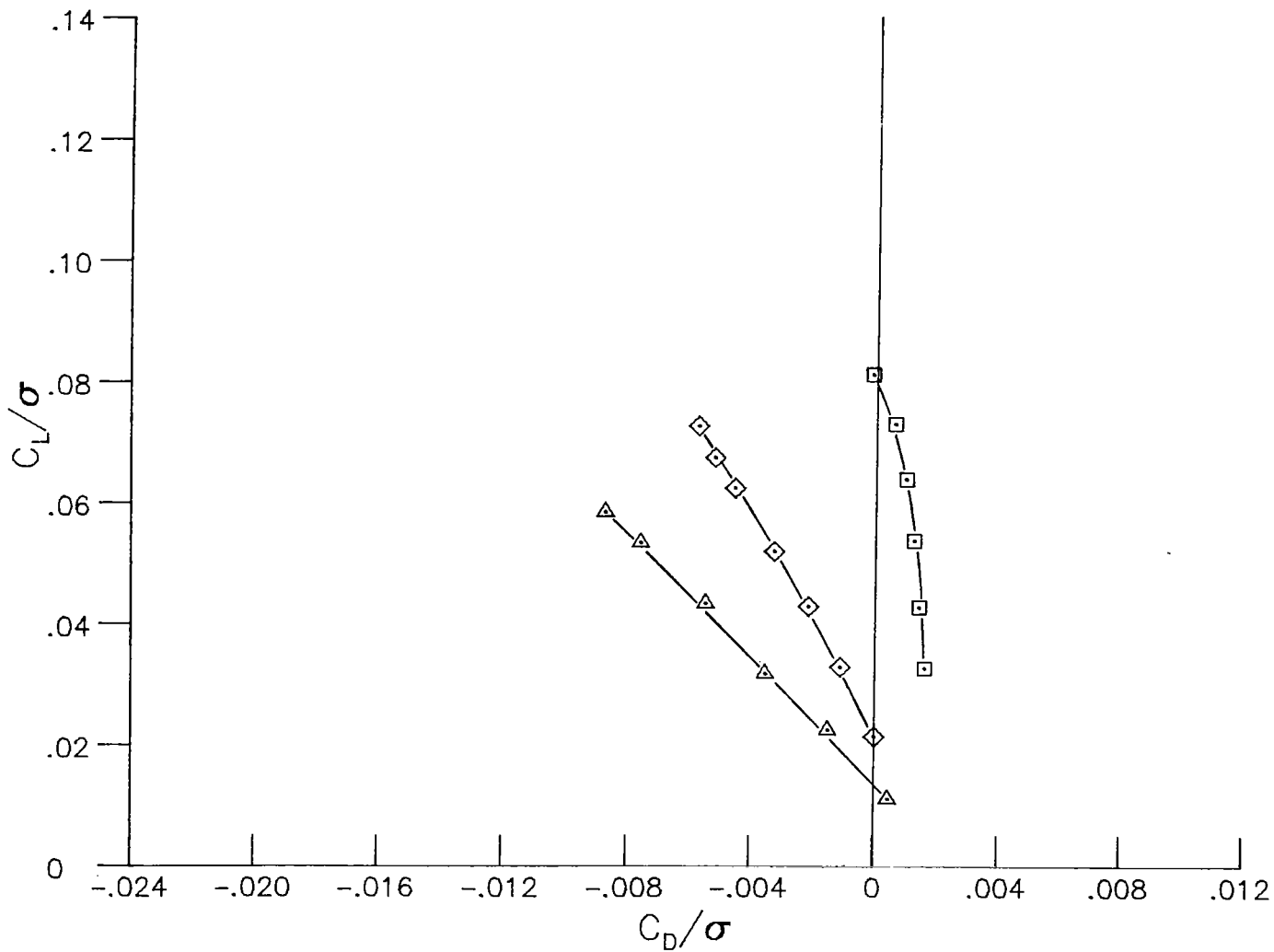
- $\alpha_s = 0^\circ$ (Pts. 14,324-14,329)
- ◇ $\alpha_s = -5^\circ$ (Pts. 14,330-14,332 and 14,334-14,336)
- △ $\alpha_s = -10^\circ$ (Pts. 14,371-14,375)
- ▽ $\alpha_s = -15^\circ$ (Pts. 14,376-14,380)



(1) C_L/σ versus C_Q/σ at $\mu = 0.40$ and $M_T = 0.65$.

Figure 11.- Continued.

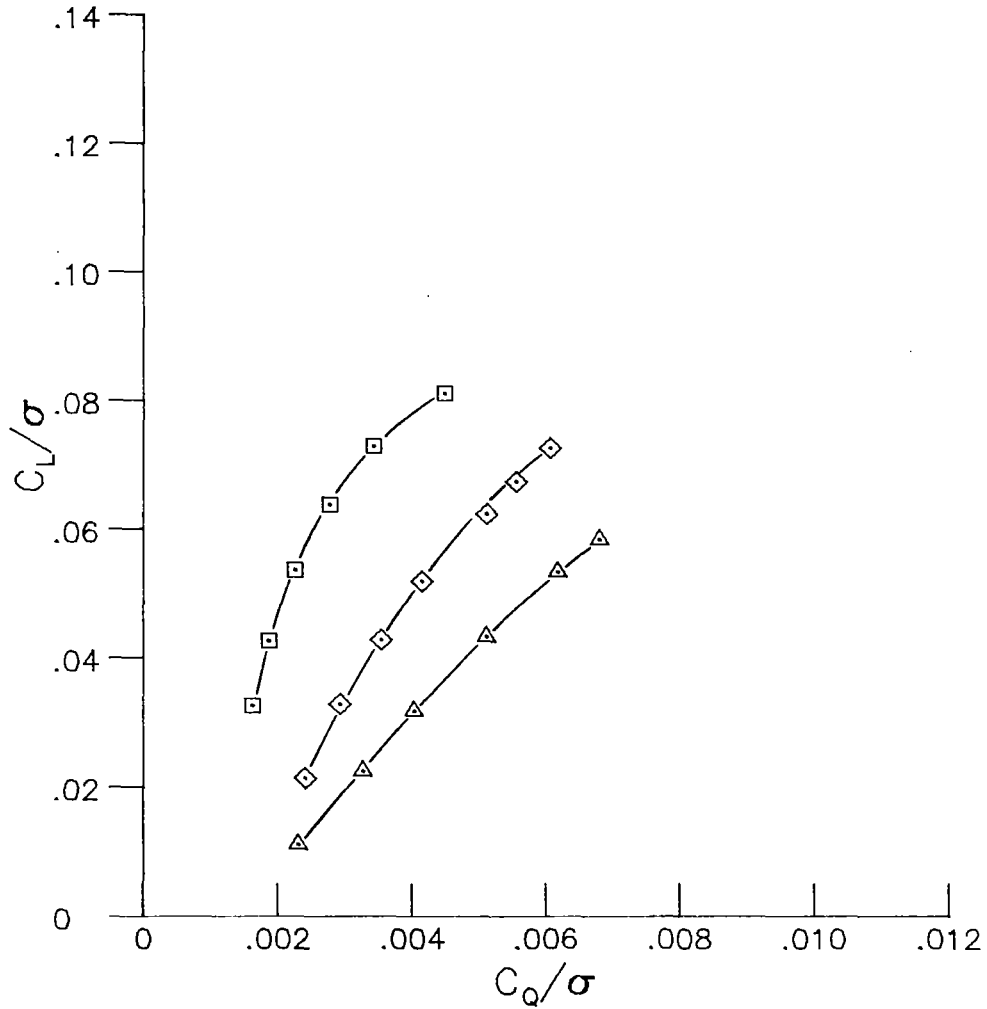
- $\alpha_S = 0^\circ$ (Pts. 15.385-15.390)
- ◇ $\alpha_S = -5^\circ$ (Pts. 15.391-15.397)
- △ $\alpha_S = -10^\circ$ (Pts. 15.398-15.403)



(m) C_L/σ versus C_D/σ at $\mu = 0.40$ and $M_T = 0.68$.

Figure 11.- Continued.

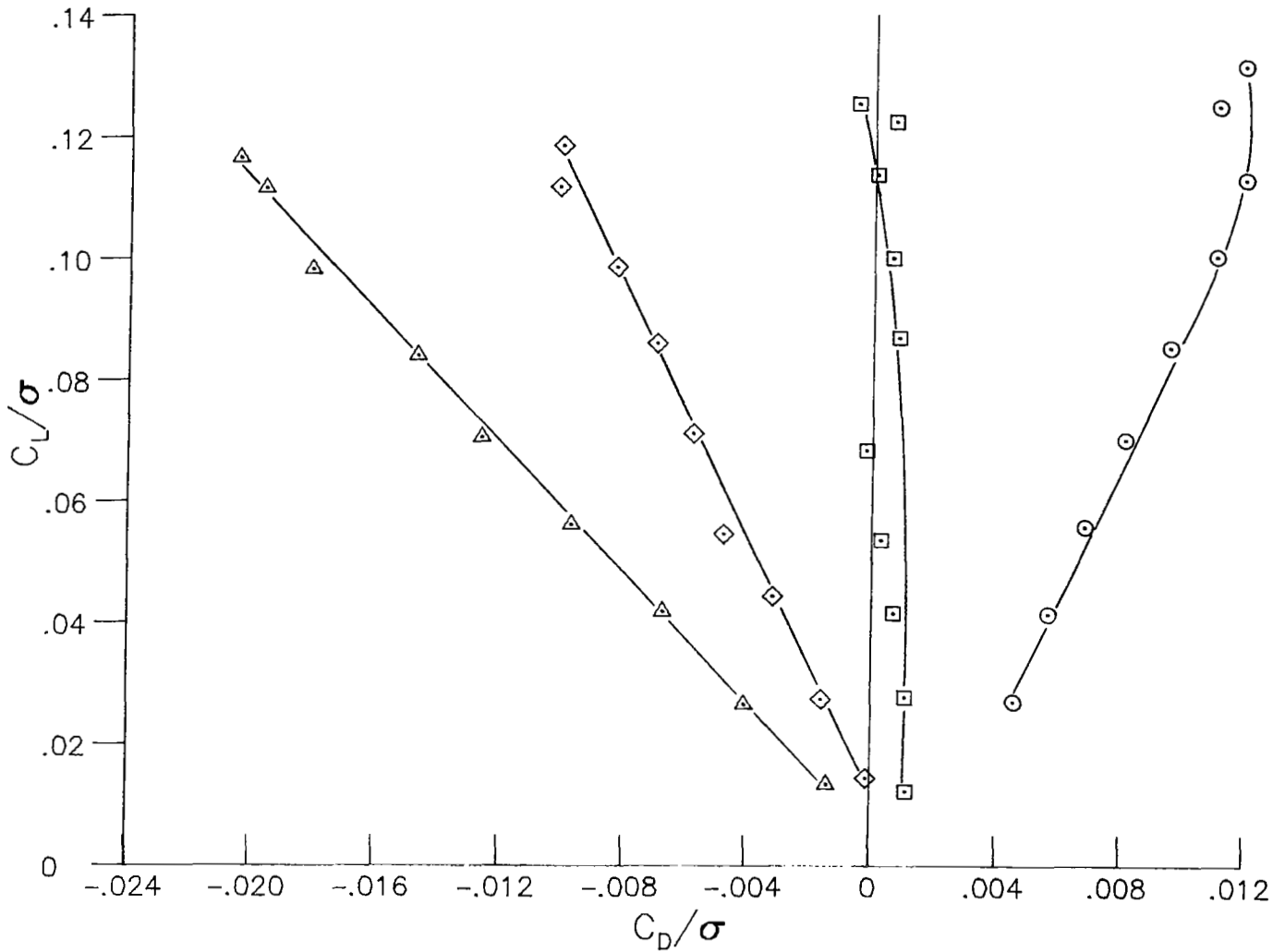
- $\alpha_s = 0^\circ$ (Pts. 15.385-15.390)
- ◇ $\alpha_s = -5^\circ$ (Pts. 15.391-15.397)
- △ $\alpha_s = -10^\circ$ (Pts. 15.398-15.403)



(n) C_L/σ versus C_Q/σ at $\mu = 0.40$ and $M_T = 0.68$.

Figure 11.- Concluded.

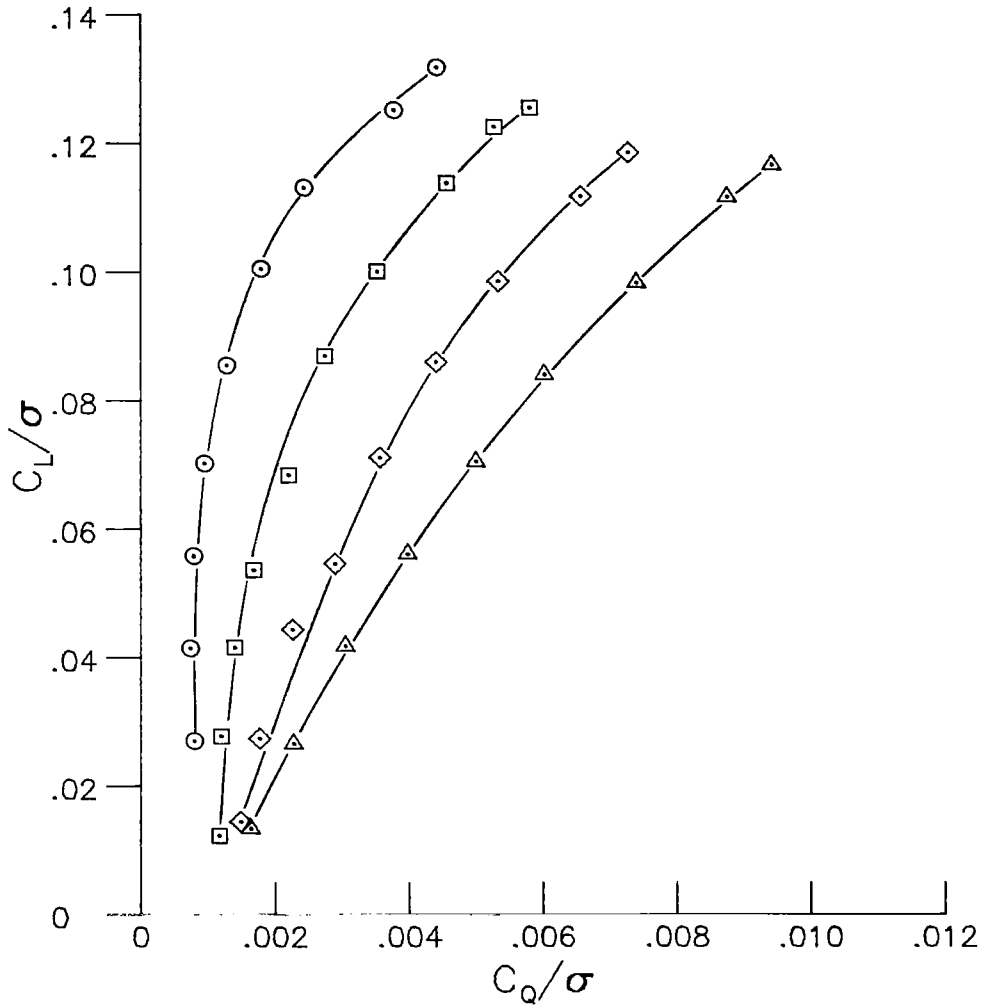
- $\alpha_s = 5^\circ$ (Pts. 16.450-16.458)
- $\alpha_s = 0^\circ$ (Pts. 16.440-16.449)
- ◇ $\alpha_s = -5^\circ$ (Pts. 16.459-16.467)
- △ $\alpha_s = -10^\circ$ (Pts. 16.468-16.476)



(a) C_L/σ versus C_D/σ at $\mu = 0.20$ and $M_T = 0.65$.

Figure 12.- Rotor performance data for baseline blade with swept tip and 0° tabs.

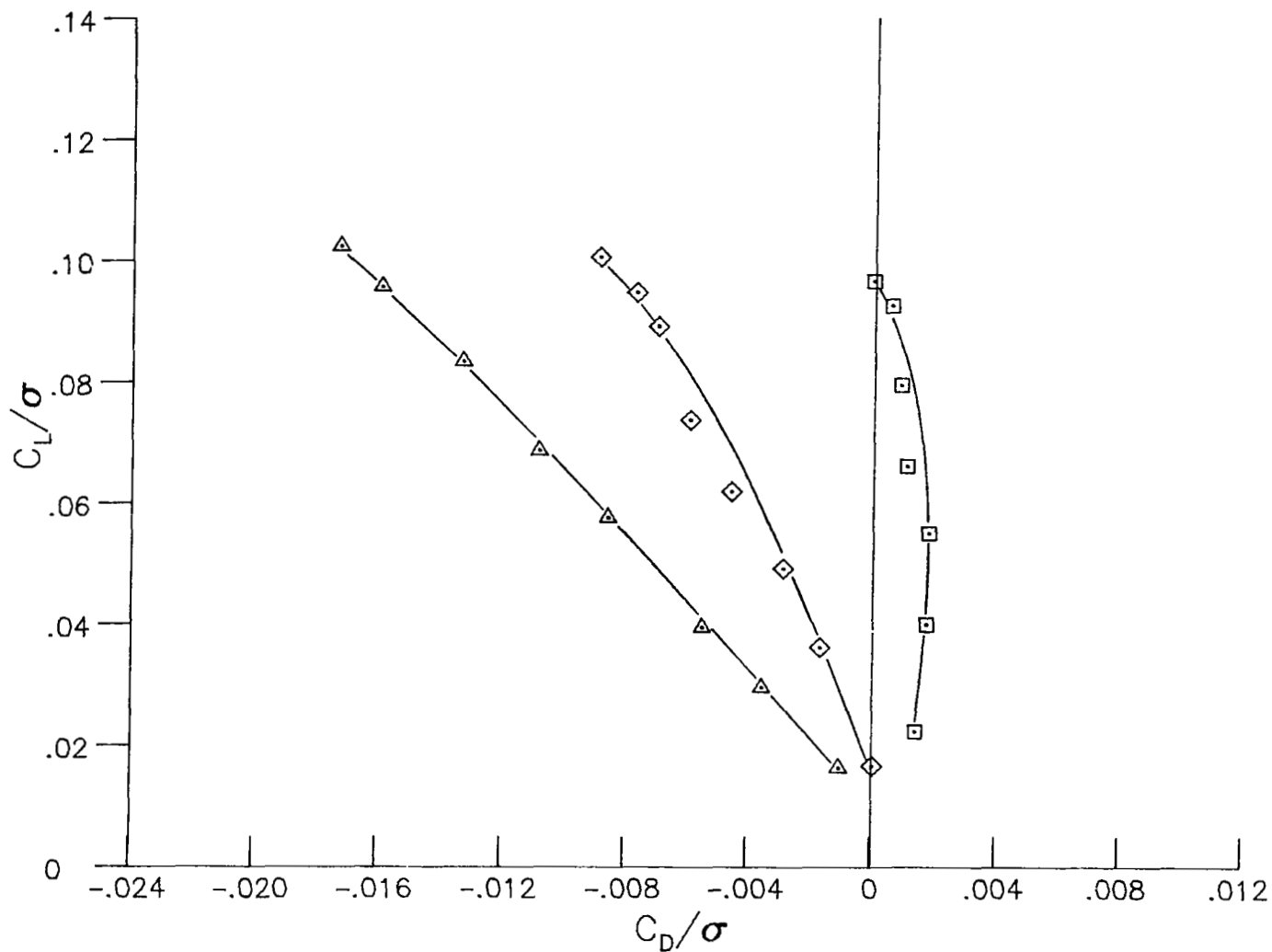
- $\alpha_S = 5^\circ$ (Pts. 16.450-16.458)
- $\alpha_S = 0^\circ$ (Pts. 16.440-16.449)
- ◇ $\alpha_S = -5^\circ$ (Pts. 16.459-16.467)
- △ $\alpha_S = -10^\circ$ (Pts. 16.468-16.476)



(b) C_L/σ versus C_Q/σ at $\mu = 0.20$ and $M_T = 0.65$.

Figure 12.- Continued.

- $\alpha_S = 0^\circ$ (Pts. 16.493-16.499)
- ◇ $\alpha_S = -5^\circ$ (Pts. 16.485-16.492)
- △ $\alpha_S = -10^\circ$ (Pts. 16.477-16.484)

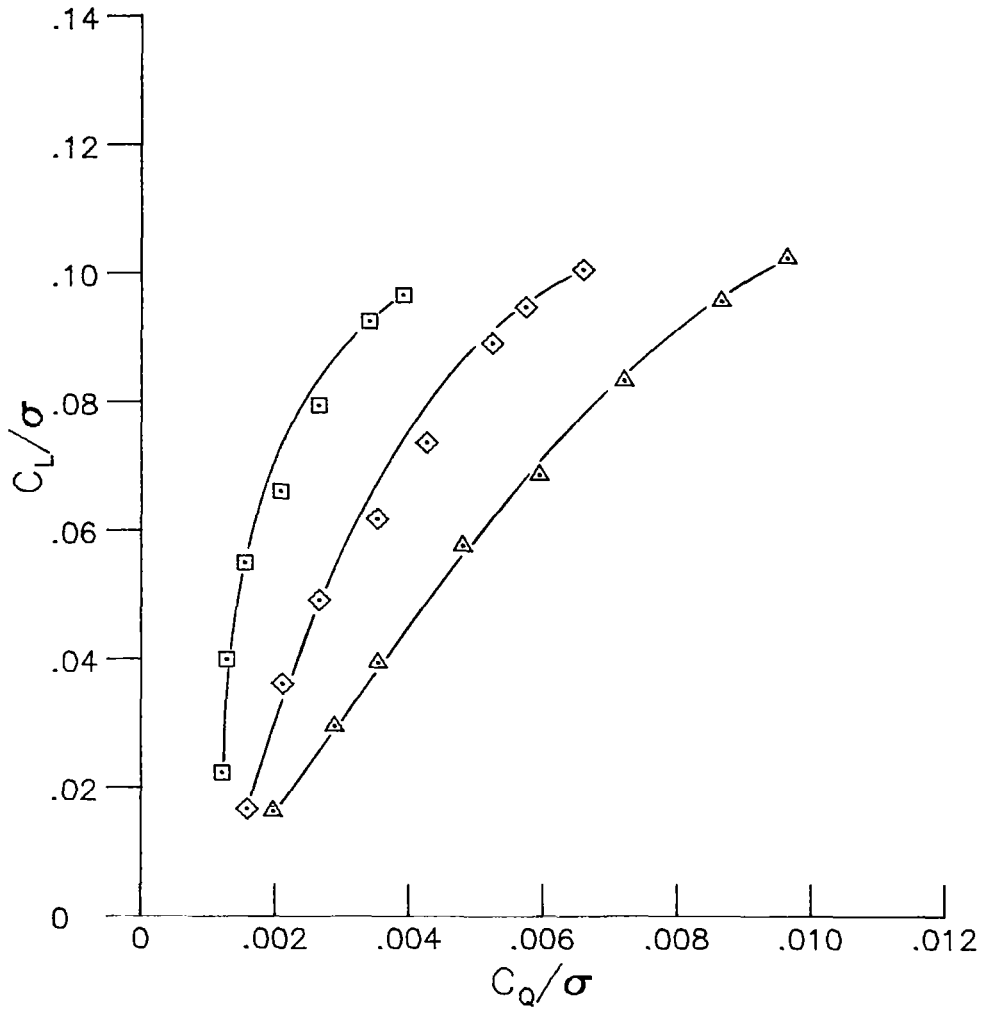


(c) C_L/σ versus C_D/σ at $\mu = 0.30$ and $M_T = 0.62$.

Figure 12.- Continued.



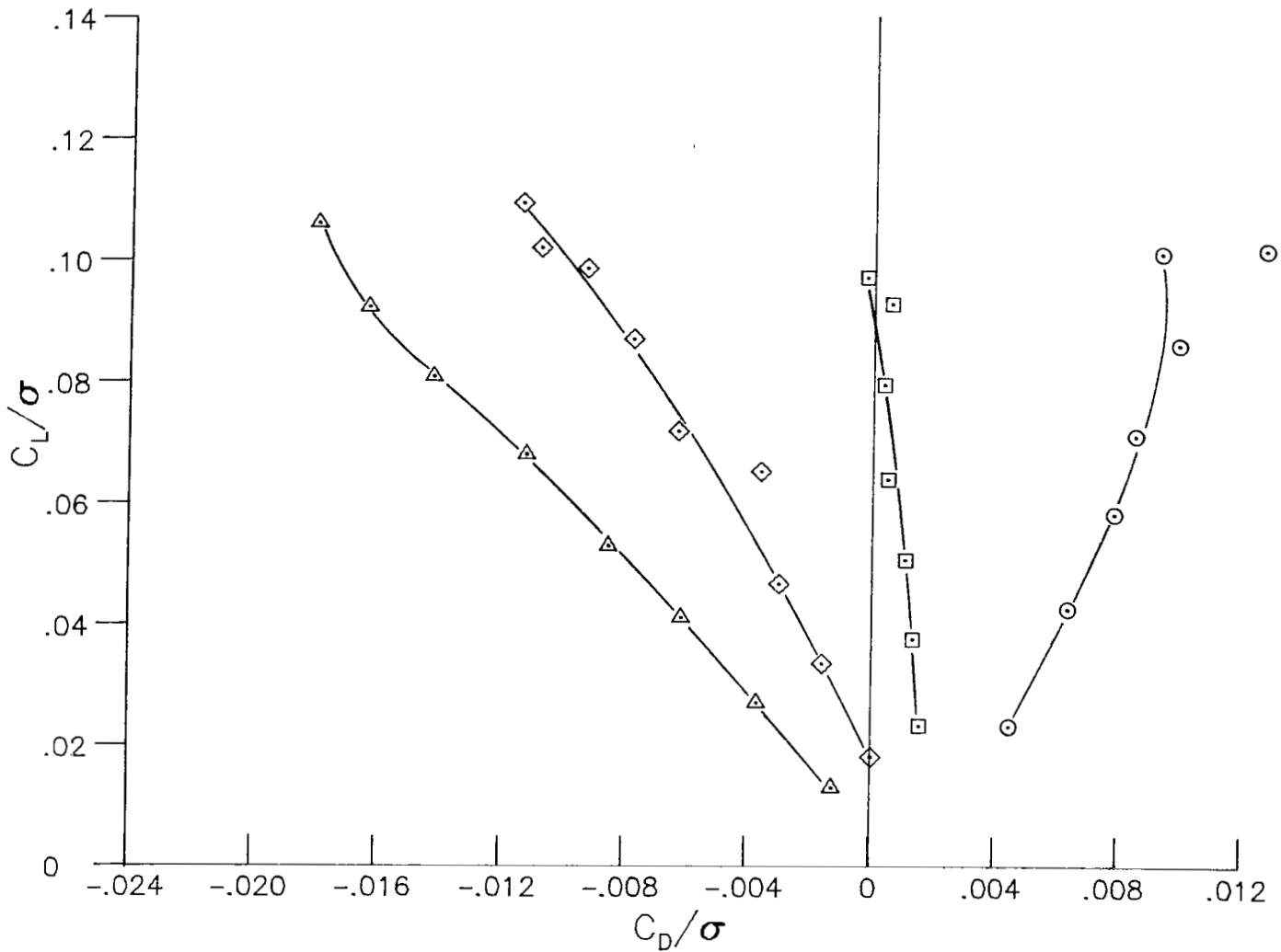
- $\alpha_s = 0^\circ$ (Pts. 16.493-16.499)
- ◇ $\alpha_s = -5^\circ$ (Pts. 16.485-16.492)
- △ $\alpha_s = -10^\circ$ (Pts. 16.477-16.484)



(d) C_L/σ versus C_Q/σ at $\mu = 0.30$ and $M_T = 0.62$.

Figure 12.- Continued.

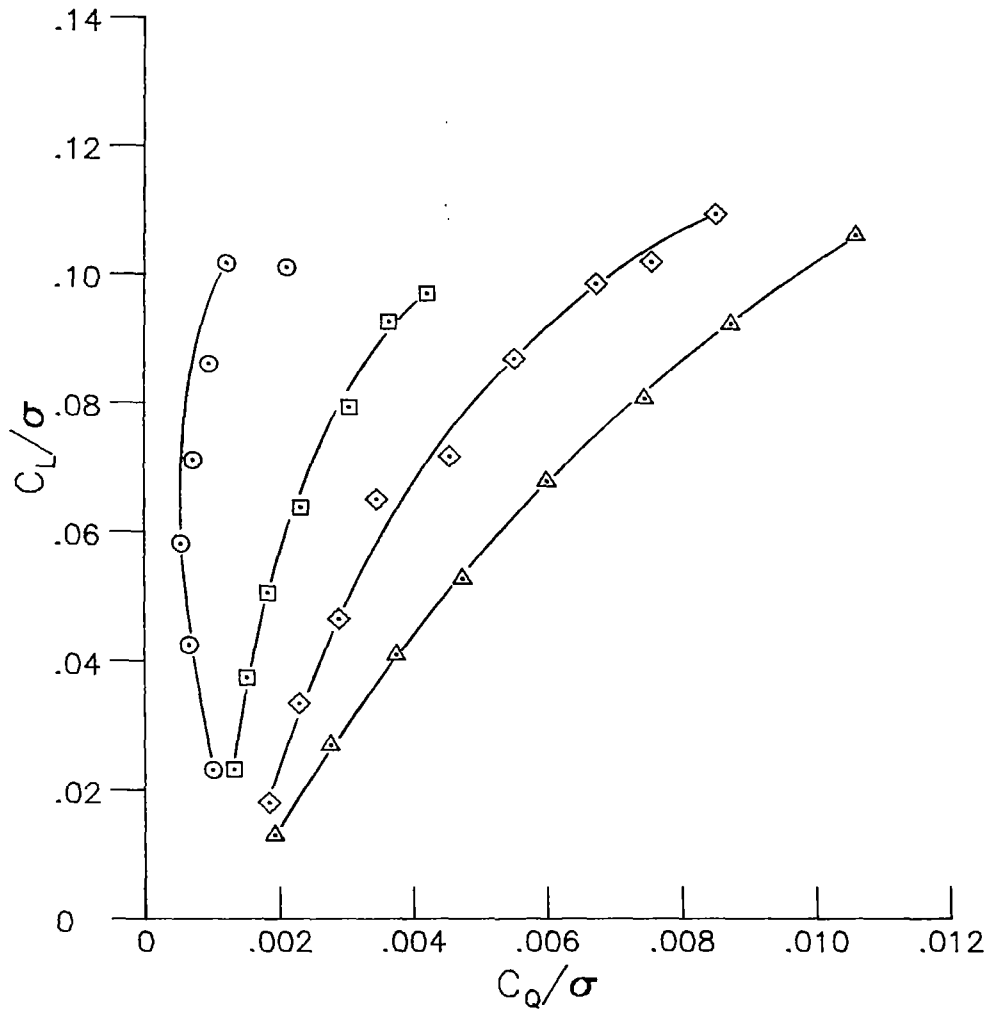
- ⊙ $\alpha_s = 5^\circ$ (Pts. 18.526-18.532)
- $\alpha_s = 0^\circ$ (Pts. 18.519-18.525)
- ◇ $\alpha_s = -5^\circ$ (Pts. 18.533-18.541)
- △ $\alpha_s = -10^\circ$ (Pts. 18.570-18.577)



(e) C_L/σ versus C_D/σ at $\mu = 0.30$ and $M_T = 0.65$.

Figure 12.- Continued.

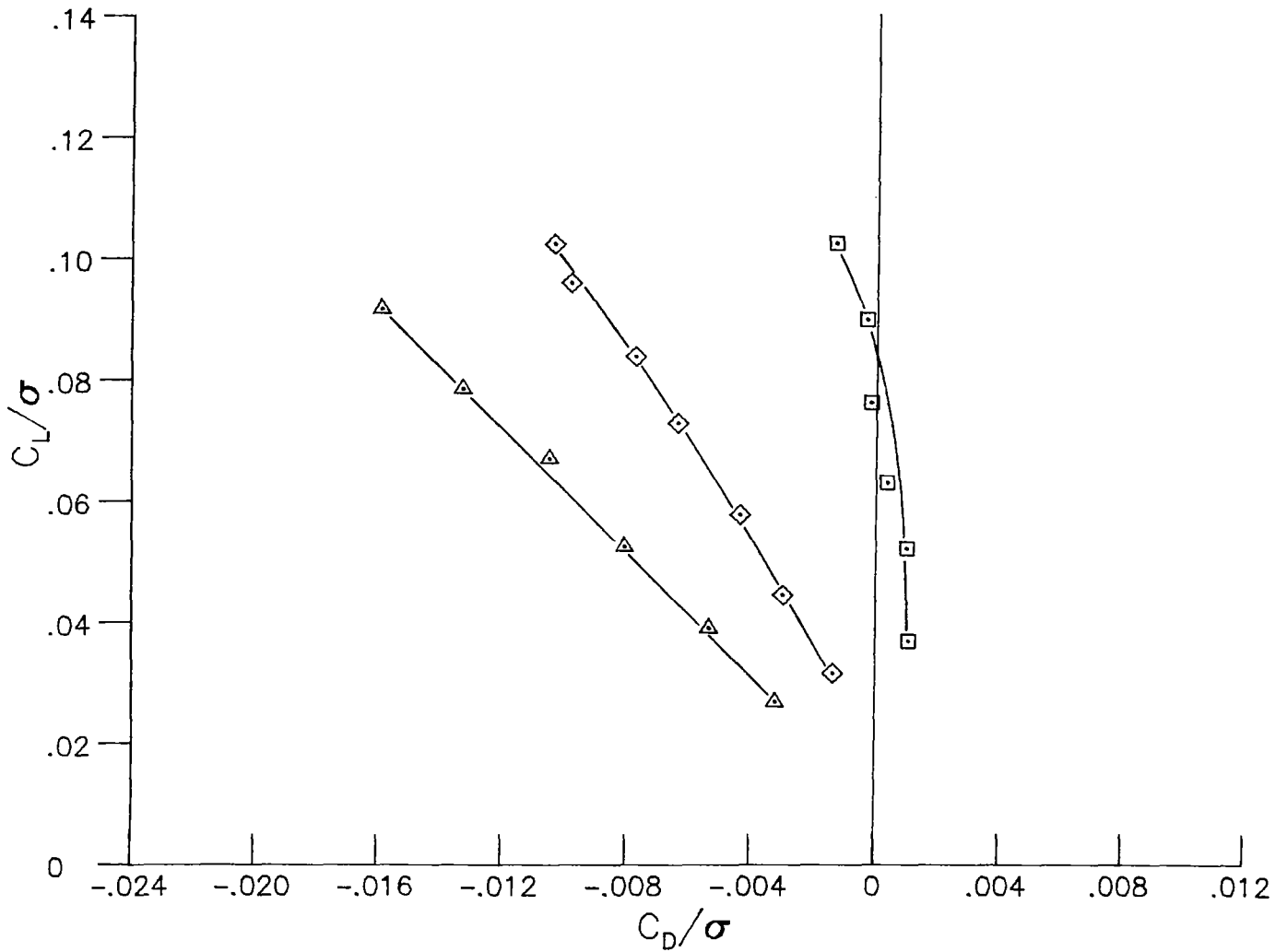
- $\alpha_s = 5^\circ$ (Pts. 18.526-18.532)
- $\alpha_s = 0^\circ$ (Pts. 18.519-18.525)
- ◇ $\alpha_s = -5^\circ$ (Pts. 18.533-18.541)
- △ $\alpha_s = -10^\circ$ (Pts. 18.570-18.577)



(f) C_L/σ versus C_Q/σ at $\mu = 0.30$ and $M_T = 0.65$.

Figure 12.- Continued.

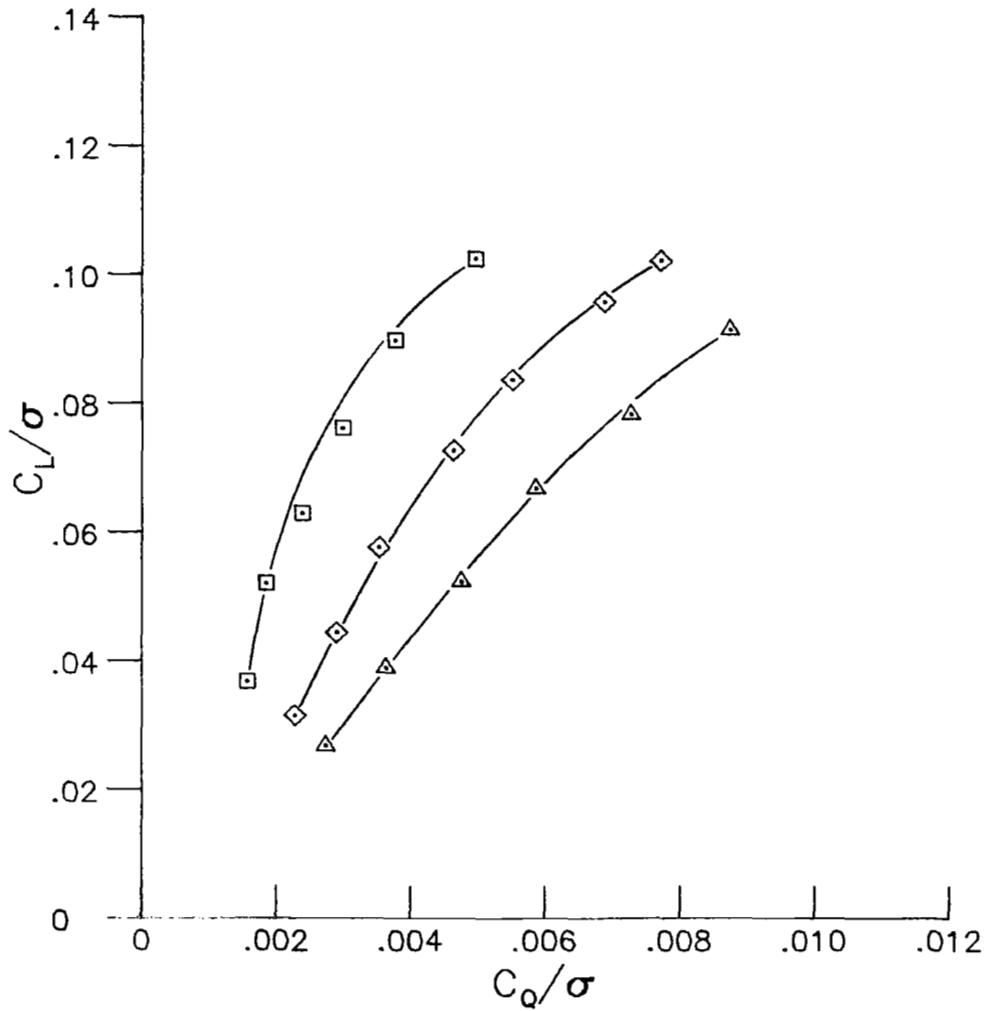
- $\alpha_S = 0^\circ$ (Pts. 18.591-18.596)
- ◇ $\alpha_S = -5^\circ$ (Pts. 18.584-18.590)
- △ $\alpha_S = -10^\circ$ (Pts. 18.578-18.583)



(g) C_L/σ versus C_D/σ at $\mu = 0.30$ and $M_T = 0.68$.

Figure 12.- Continued.

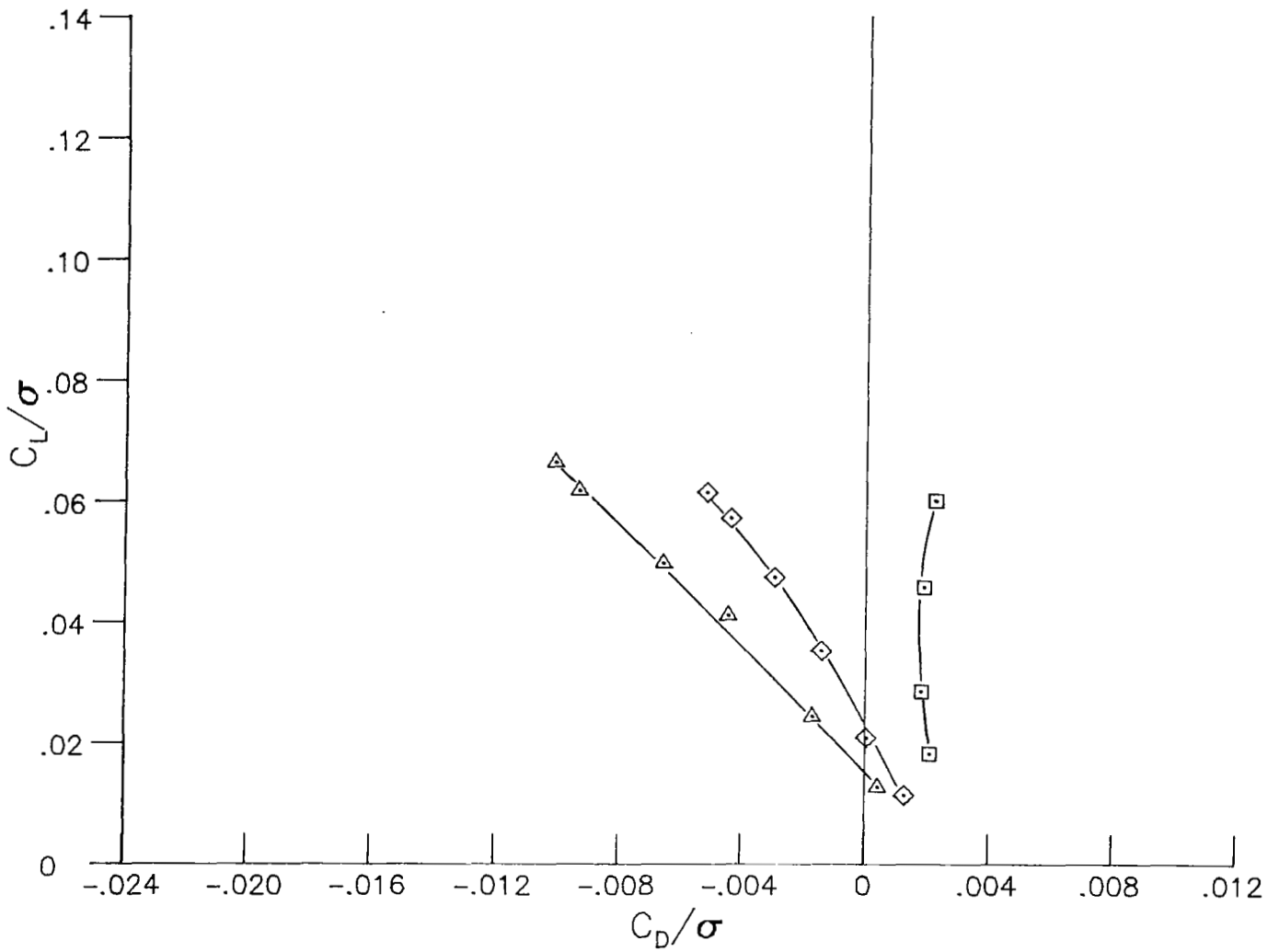
- $\alpha_s = 0^\circ$ (Pts. 18.591-18.596)
- ◇ $\alpha_s = -5^\circ$ (Pts. 18.584-18.590)
- △ $\alpha_s = -10^\circ$ (Pts. 18.578-18.583)



(h) C_L/σ versus C_Q/σ for $\mu = 0.30$ and $M_T = 0.68$.

Figure 12.- Continued.

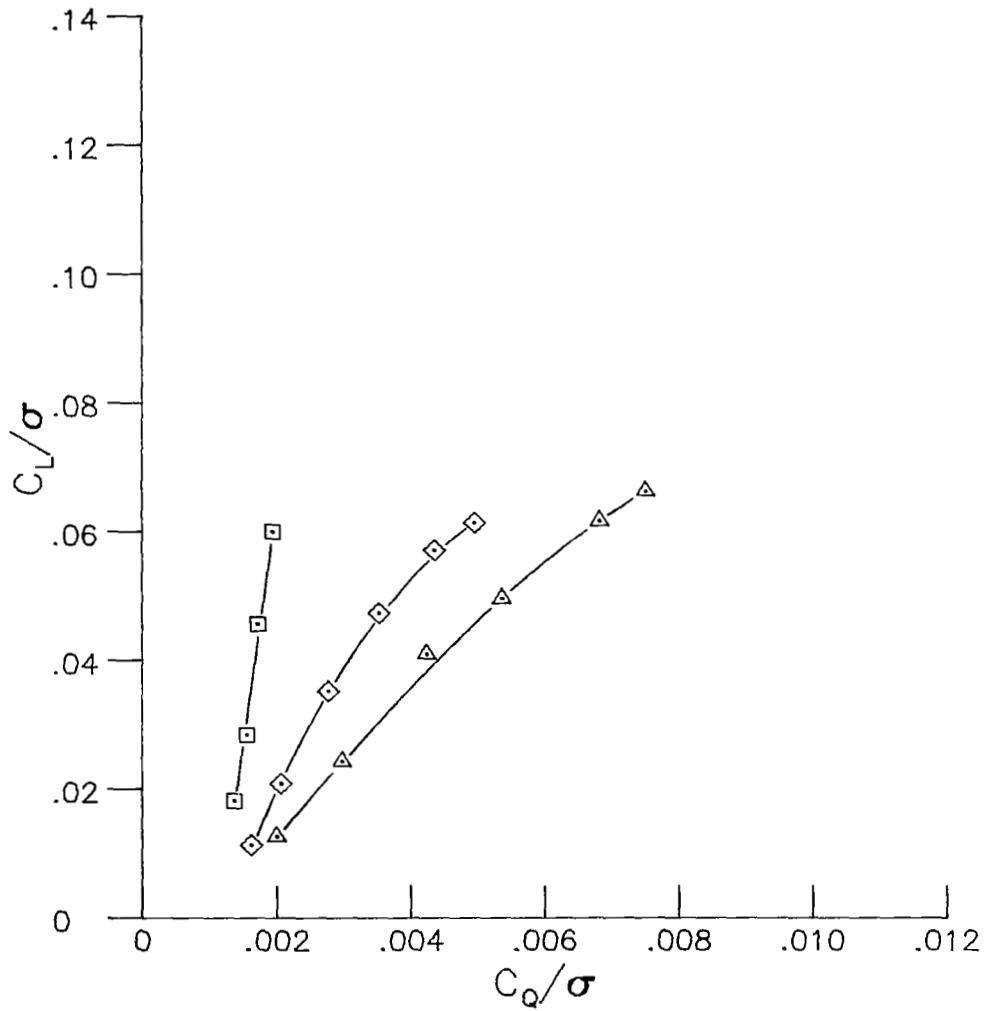
- $\alpha_S = 0^\circ$ (Pts. 18.597-18.598 and 18.600-18.601)
- ◇ $\alpha_S = -5^\circ$ (Pts. 18.602-18.607)
- △ $\alpha_S = -10^\circ$ (Pts. 18.608-18.613)



(i) C_L/σ versus C_D/σ at $\mu = 0.40$ and $M_T = 0.62$.

Figure 12.- Continued.

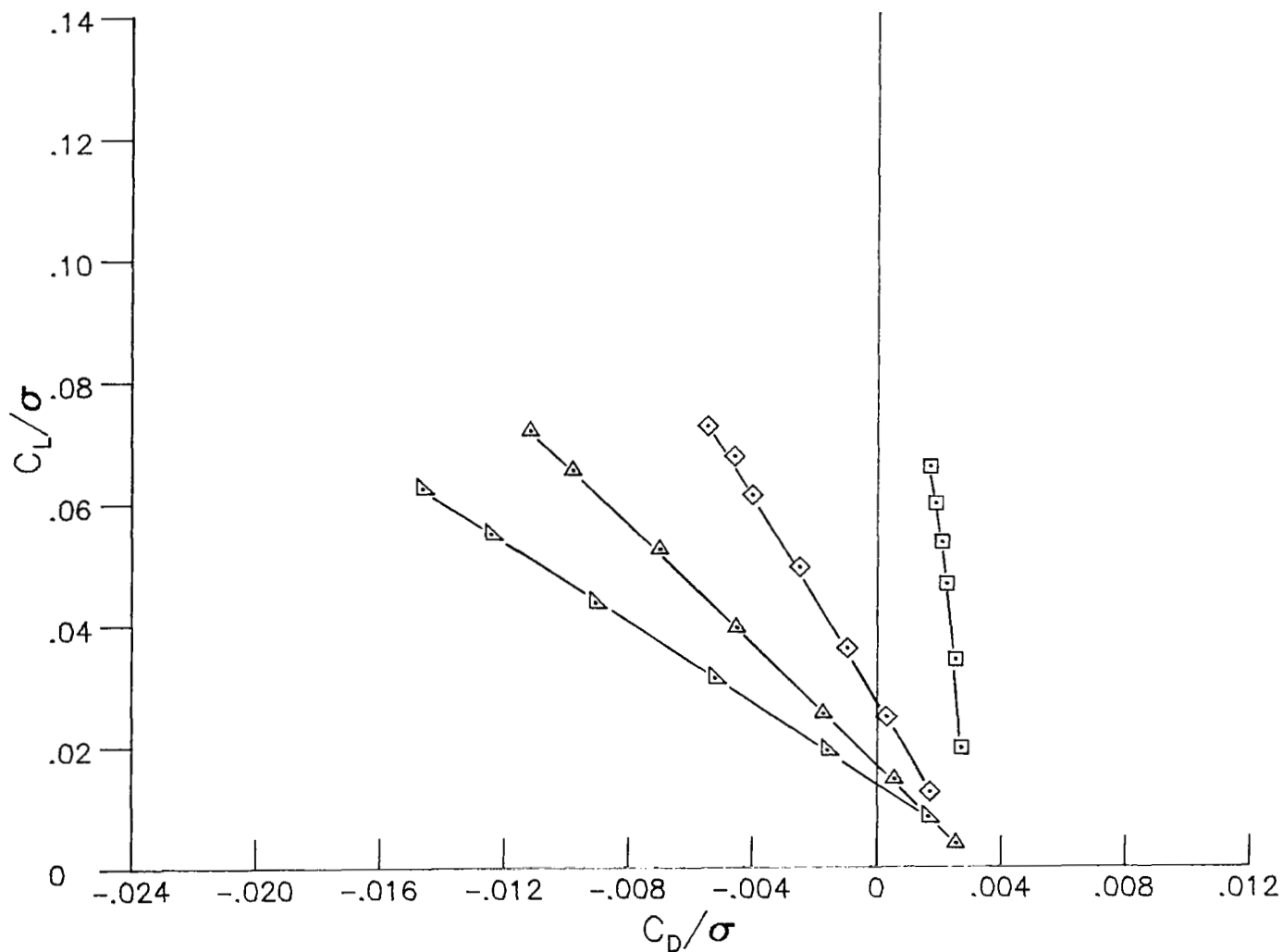
- $\alpha_s = 0^\circ$ (Pts. 18.597-18.598 and 18.600-18.601)
- ◇ $\alpha_s = -5^\circ$ (Pts. 18.602-18.607)
- △ $\alpha_s = -10^\circ$ (Pts. 18.608-18.613)



(j) C_L/σ versus C_Q/σ at $\mu = 0.40$ and $M_T = 0.62$.

Figure 12.- Continued.

- $\alpha_S = 0^\circ$ (Pts. 20.653-20.658)
- ◇ $\alpha_S = -5^\circ$ (Pts. 20.659-20.665)
- △ $\alpha_S = -10^\circ$ (Pts. 20.666-20.672)
- ▷ $\alpha_S = -15^\circ$ (Pts. 20.673-20.678)

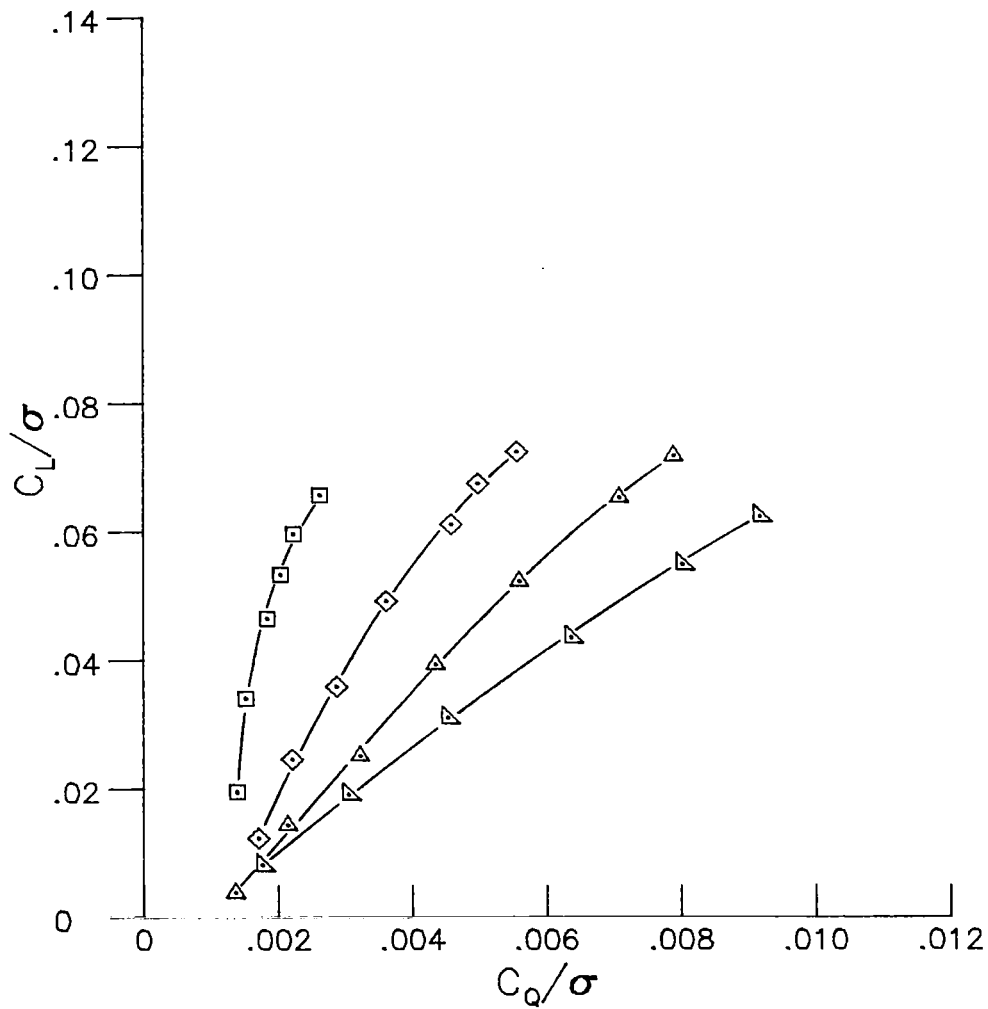


(k) C_L/σ versus C_D/σ at $\mu = 0.40$ and $M_T = 0.65$.

Figure 12.- Continued.



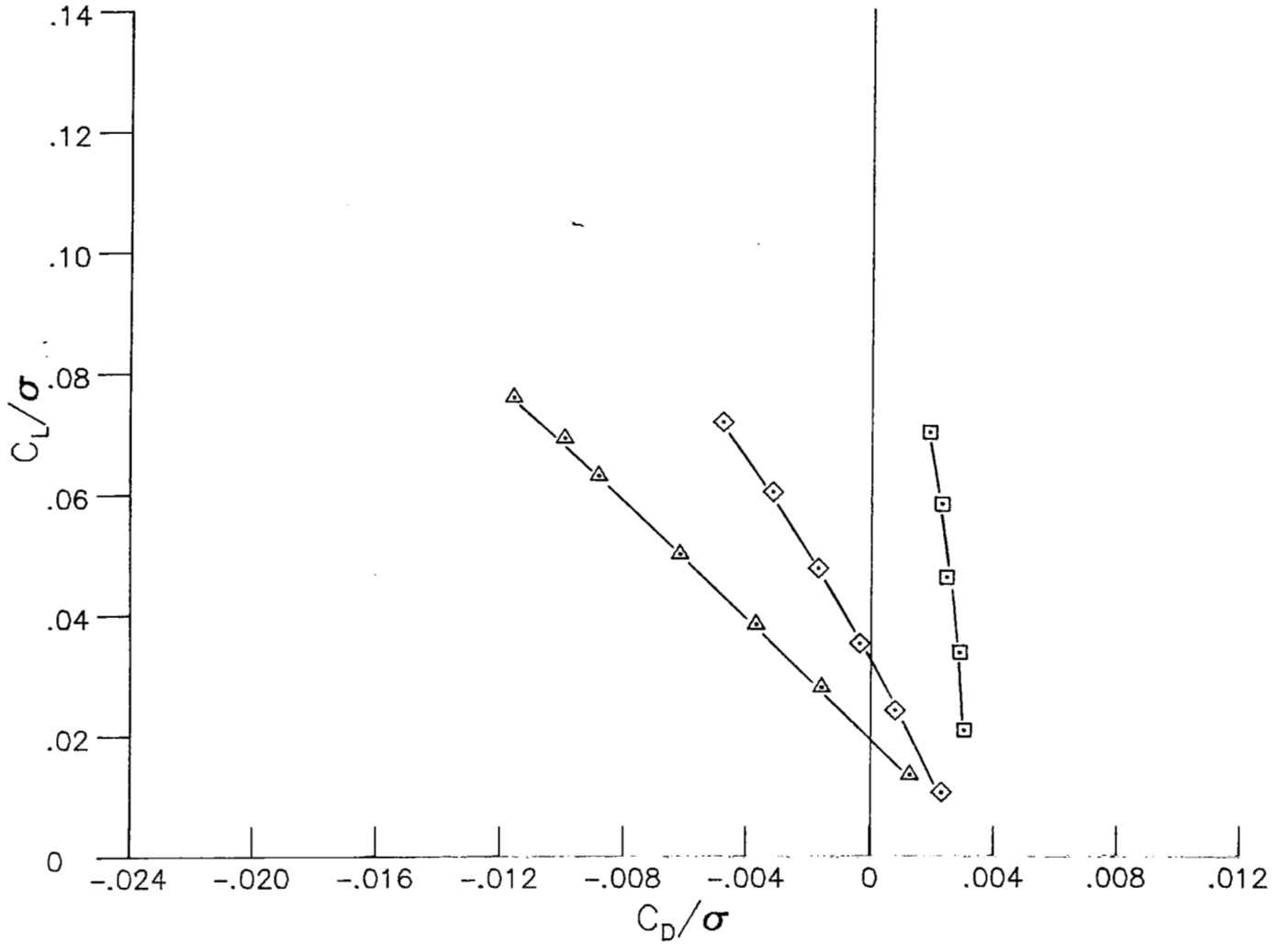
- $\alpha_s = 0^\circ$ (Pts. 20.653-20.658)
- ◇ $\alpha_s = -5^\circ$ (Pts. 20.659-20.665)
- △ $\alpha_s = -10^\circ$ (Pts. 20.666-20.672)
- ▴ $\alpha_s = -15^\circ$ (Pts. 20.673-20.678)



(1) C_L/σ versus C_Q/σ at $\mu = 0.40$ and $M_T = 0.65$.

Figure 12.- Continued.

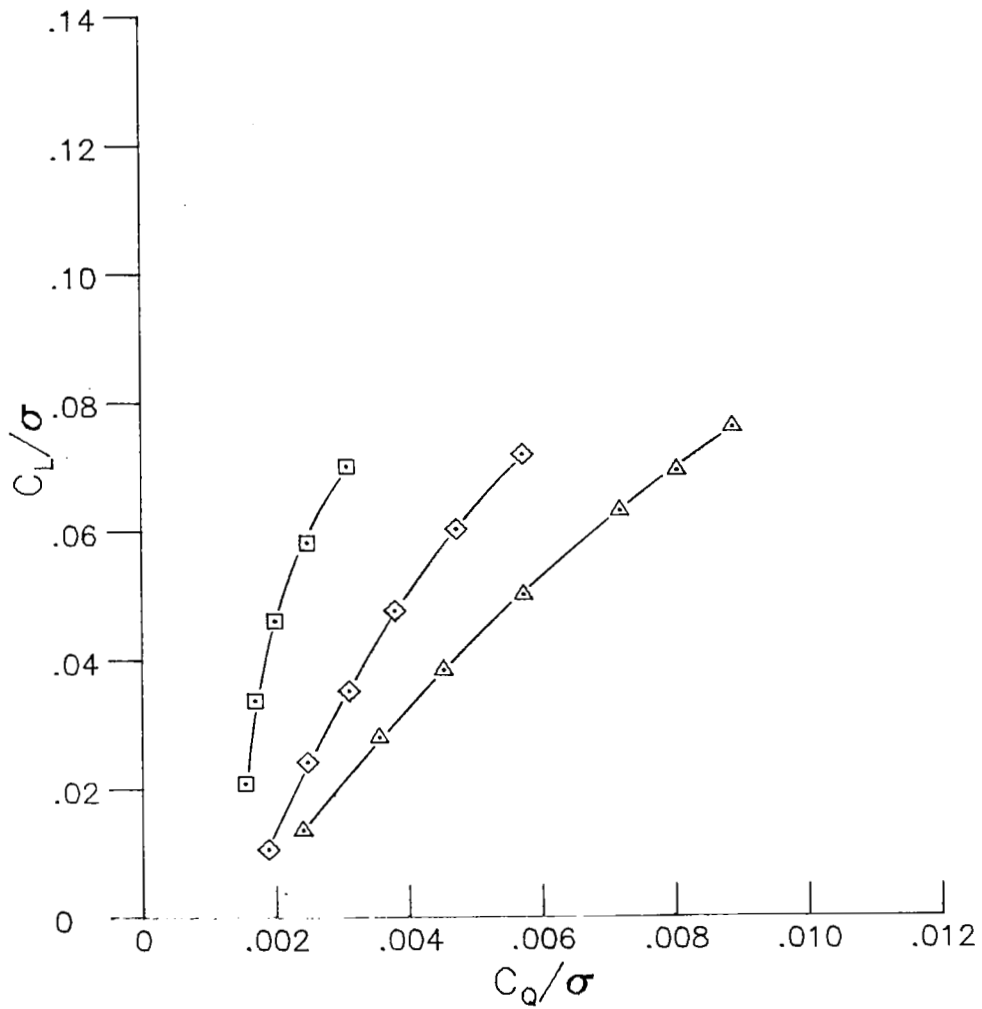
- $\alpha_S = 0^\circ$ (Pts. 21.693-21.697)
- ◇ $\alpha_S = -5^\circ$ (Pts. 21.698-21.703)
- △ $\alpha_S = -10^\circ$ (Pts. 21.704-21.710)



(m) C_L/σ versus C_D/σ at $\mu = 0.40$ and $M_T = 0.68$.

Figure 12.- Continued.

- $\alpha_s = 0^\circ$ (Pts. 21.693-21.697)
- ◇ $\alpha_s = -5^\circ$ (Pts. 21.698-21.703)
- △ $\alpha_s = -10^\circ$ (Pts. 21.704-21.710)



(n) C_L/σ versus C_Q/σ at $\mu = 0.40$ and $M_T = 0.68$.

Figure 12.- Concluded.

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16. Abstract An investigation was conducted in the Langley Transonic Dynamics Tunnel to evaluate a passive means of tailoring helicopter rotor blades to improve performance and reduce loads. The parameters investigated were blade torsional stiffness, blade section camber, and distance between blade structural elastic axis and blade-tip aerodynamic center. This offset was accomplished by sweeping the tip. The tests were conducted at advance ratios of 0.20, 0.30, and 0.40. Data are presented without analysis.					
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