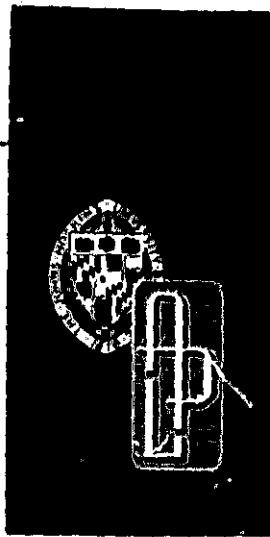


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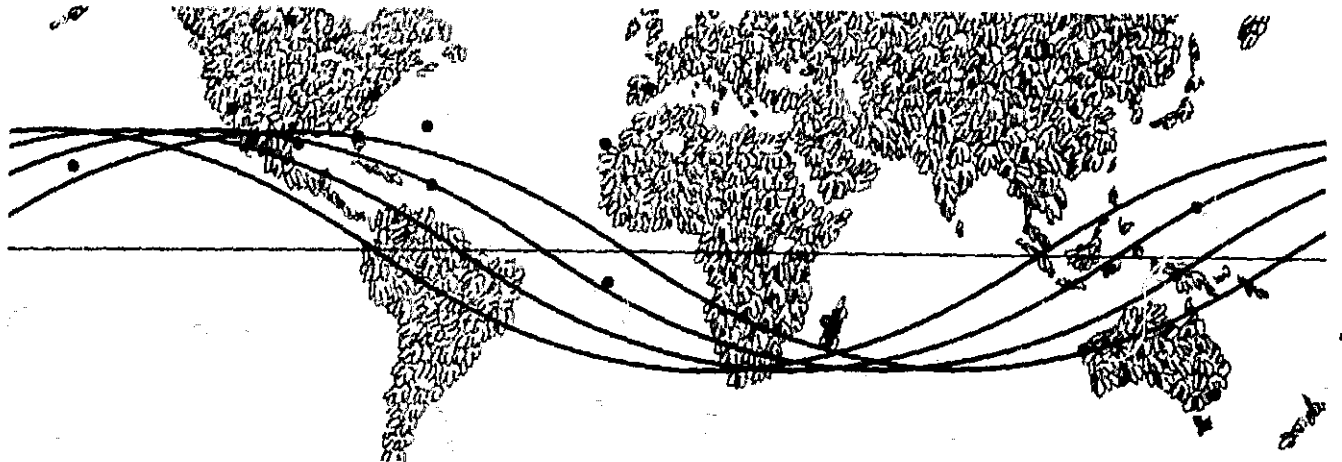


DIA

Special Report

**SPACEFLIGHT TRACKING
AND DATA NETWORK
OPERATIONAL RELIABILITY COMPUTER
OUTPUT FOR MTBF AND AVAILABILITY
Appendix V to CSC-1-395**

SPACE COMMUNICATIONS GROUP



THE JOHNS HOPKINS UNIVERSITY ■ APPLIED PHYSICS LABORATORY

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under NDPR S-70130G to Navy Contract N00017-72-C-440

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COMPUTER OUTPUT FOR MTBF AND AVAILABILITY.
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APRIL 1974

Special Report

**SPACEFLIGHT TRACKING
AND DATA NETWORK
OPERATIONAL RELIABILITY COMPUTER
OUTPUT FOR MTBF AND AVAILABILITY
Appendix V to CSC-1-395**

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I. AVAILABILITY
A. Preflight

SKYLAB PREFLIGHT

COMPUTATIONS FOR FUNCTIONS, ALL SITES COMBINED

FUNCT.	#FAIL.	AVAILABILITY	90% CONFIDENCE INTERVAL
I	2	0.98704	0.92261 TO 0.99795
A	0	1.00000	N.A. N.A.
B USB	1	0.99905	0.98217 TO 0.99995
B VHF	1	0.98800	0.81247 TO 0.99936
C USB	0	1.00000	N.A. N.A.
C VHF	1	0.98800	0.81247 TO 0.99936
D	0	1.00000	N.A. N.A.
E	0	1.00000	N.A. N.A.
II	1	0.98800	0.81247 TO 0.99936
A	0	1.00000	N.A. N.A.
B USB	0	1.00000	N.A. N.A.
B VHF	1	0.98800	0.81247 TO 0.99936
C USB	0	1.00000	N.A. N.A.
C VHF	1	0.98800	0.81247 TO 0.99936
D	0	1.00000	N.A. N.A.
E	0	1.00000	N.A. N.A.
III	2	0.98762	0.92587 TO 0.99804
A USB	0	1.00000	N.A. N.A.
A VHF	1	0.98800	0.81247 TO 0.99936
B	1	0.99963	0.99296 TO 0.99998
C	1	0.99963	0.99296 TO 0.99998
IV	8	0.87094	0.74335 TO 0.94020
A	3	0.97257	0.89230 TO 0.99345
B	5	0.96757	0.90919 TO 0.98888
C USB	1	0.99714	0.94825 TO 0.99985
C UHF	2	0.91392	0.62426 TO 0.98547
D USB	3	0.97257	0.89230 TO 0.99345
D UHF	3	0.97257	0.89230 TO 0.99345
E USB	0	1.00000	N.A. N.A.
E UHF	1	0.98800	0.81247 TO 0.99936
F	3	0.97257	0.89230 TO 0.99345
G	3	0.97257	0.89230 TO 0.99345
V	1	0.97982	0.71873 TO 0.99892
A	0	1.00000	N.A. N.A.
B	1	0.97982	0.71873 TO 0.99892
C	0	1.00000	N.A. N.A.

SKYLAB PREFLIGHT

FUNCTIONS, (DUAL) SITE ACN

-----		SKYLAB		-----	
FUNCT.	#FAIL.	AVAILABILITY	90% CONFIDENCE	INTERVAL	
I		1	0.85597	0.23827	TO 0.99122
A		0	1.00000	N.A.	N.A.
B USB		0	1.00000	N.A.	N.A.
B VHF		1	0.85597	0.23827	TO 0.99122
C USB		0	1.00000	N.A.	N.A.
C VHF		1	0.85597	0.23827	TO 0.99122
D		0	1.00000	N.A.	N.A.
E		0	1.00000	N.A.	N.A.
II		1	0.85597	0.23827	TO 0.99122
A		0	1.00000	N.A.	N.A.
B USB		0	1.00000	N.A.	N.A.
R VHF		1	0.85597	0.23827	TO 0.99122
C USB		0	1.00000	N.A.	N.A.
C VHF		1	0.85597	0.23827	TO 0.99122
D		0	1.00000	N.A.	N.A.
F		0	1.00000	N.A.	N.A.
III		1	0.85597	0.23827	TO 0.99122
A USB		0	1.00000	N.A.	N.A.
A VHF		1	0.85597	0.23827	TO 0.99122
B		0	1.00000	N.A.	N.A.
C		0	1.00000	N.A.	N.A.
IV		1	0.76350	0.14524	TO 0.98396
A		0	1.00000	N.A.	N.A.
B		0	1.00000	N.A.	N.A.
C USB		0	1.00000	N.A.	N.A.
C UHF		1	0.85569	0.23786	TO 0.99120
D USB		0	1.00000	N.A.	N.A.
D UHF		0	1.00000	N.A.	N.A.
F USB		0	1.00000	N.A.	N.A.
E UHF		1	0.85597	0.23827	TO 0.99122
F		0	1.00000	N.A.	N.A.
G		0	1.00000	N.A.	N.A.
V		1	0.75783	0.14141	TO 0.98346
A		0	1.00000	N.A.	N.A.
B		1	0.75783	0.14141	TO 0.98346
C		0	1.00000	N.A.	N.A.

SKYLAB PREFLIGHT

FUNCTIONS, (DUAL) SITE BDA

-----		SKYLAB		-----	
FUNCT.	#FAIL.	AVAILABILITY	90% CONFIDENCE INTERVAL		
I		0	1.00000	N.A.	N.A.
A		0	1.00000	N.A.	N.A.
B	USB	0	1.00000	N.A.	N.A.
B	VHF	0	1.00000	N.A.	N.A.
C	USB	0	1.00000	N.A.	N.A.
C	VHF	0	1.00000	N.A.	N.A.
D		0	1.00000	N.A.	N.A.
F		0	1.00000	N.A.	N.A.
II		0	1.00000	N.A.	N.A.
A		0	1.00000	N.A.	N.A.
B	USB	0	1.00000	N.A.	N.A.
B	VHF	0	1.00000	N.A.	N.A.
C	USB	0	1.00000	N.A.	N.A.
C	VHF	0	1.00000	N.A.	N.A.
D		0	1.00000	N.A.	N.A.
E		0	1.00000	N.A.	N.A.
III		0	1.00000	N.A.	N.A.
A	USB	0	1.00000	N.A.	N.A.
A	VHF	0	1.00000	N.A.	N.A.
B		0	1.00000	N.A.	N.A.
C		0	1.00000	N.A.	N.A.
IV		0	1.00000	N.A.	N.A.
A		0	1.00000	N.A.	N.A.
B		0	1.00000	N.A.	N.A.
C	USB	0	1.00000	N.A.	N.A.
C	UHF	0	1.00000	N.A.	N.A.
D	USR	0	1.00000	N.A.	N.A.
D	UHF	0	1.00000	N.A.	N.A.
E	USB	0	1.00000	N.A.	N.A.
E	UHF	0	1.00000	N.A.	N.A.
F		0	1.00000	N.A.	N.A.
G		0	1.00000	N.A.	N.A.
V		0	1.00000	N.A.	N.A.
A		0	1.00000	N.A.	N.A.
B		0	1.00000	N.A.	N.A.
C		0	1.00000	N.A.	N.A.

SKYLAB PREFLIGHT

FUNCTIONS, (DUAL) SITE CRO

FUNCT.	-----		SKYLAB	-----		
	#FAIL.	AVAILABILITY	90% CONFIDENCE INTERVAL			
I		1	0.98854	0.81954	TO	0.99939
A		0	1.00000	N.A.		N.A.
B USB		1	0.98854	0.81954	TO	0.99939
B VHF		0	1.00000	N.A.		N.A.
C USB		0	1.00000	N.A.		N.A.
C VHF		0	1.00000	N.A.		N.A.
D		0	1.00000	N.A.		N.A.
F		0	1.00000	N.A.		N.A.
II		0	1.00000	N.A.		N.A.
A		0	1.00000	N.A.		N.A.
B USB		0	1.00000	N.A.		N.A.
B VHF		0	1.00000	N.A.		N.A.
C USB		0	1.00000	N.A.		N.A.
C VHF		0	1.00000	N.A.		N.A.
D		0	1.00000	N.A.		N.A.
E		0	1.00000	N.A.		N.A.
III		0	1.00000	N.A.		N.A.
A USB		0	1.00000	N.A.		N.A.
A VHF		0	1.00000	N.A.		N.A.
B		0	1.00000	N.A.		N.A.
C		0	1.00000	N.A.		N.A.
IV		1	0.11129	0.00655	TO	0.70409
A		0	1.00000	N.A.		N.A.
B		0	1.00000	N.A.		N.A.
C USB		0	1.00000	N.A.		N.A.
C UHF		1	0.11129	0.00655	TO	0.70409
D USB		0	1.00000	N.A.		N.A.
D UHF		0	1.00000	N.A.		N.A.
E USB		0	1.00000	N.A.		N.A.
E UHF		0	1.00000	N.A.		N.A.
F		0	1.00000	N.A.		N.A.
G		0	1.00000	N.A.		N.A.
V		0	1.00000	N.A.		N.A.
A		0	1.00000	N.A.		N.A.
B		0	1.00000	N.A.		N.A.
C		0	1.00000	N.A.		N.A.

SKYLAB PREFLIGHT

FUNCTIONS, (DUAL) SITE CYI

		SKYLAB			
FUNCT.	#FAIL.	AVAILABILITY	90% CONFIDENCE	INTERVAL	
I		0	1.00000	N.A.	N.A.
A		0	1.00000	N.A.	N.A.
B	USB	0	1.00000	N.A.	N.A.
B	VHF	0	1.00000	N.A.	N.A.
C	USB	0	1.00000	N.A.	N.A.
C	VHF	0	1.00000	N.A.	N.A.
D		0	1.00000	N.A.	N.A.
E		0	1.00000	N.A.	N.A.
II		0	1.00000	N.A.	N.A.
A		0	1.00000	N.A.	N.A.
B	USB	0	1.00000	N.A.	N.A.
B	VHF	0	1.00000	N.A.	N.A.
C	USB	0	1.00000	N.A.	N.A.
C	VHF	0	1.00000	N.A.	N.A.
D		0	1.00000	N.A.	N.A.
E		0	1.00000	N.A.	N.A.
III		0	1.00000	N.A.	N.A.
A	USB	0	1.00000	N.A.	N.A.
A	VHF	0	1.00000	N.A.	N.A.
B		0	1.00000	N.A.	N.A.
C		0	1.00000	N.A.	N.A.
IV		1	0.99563	0.92298	TO 0.99977
A		0	1.00000	N.A.	N.A.
B		1	0.99563	0.92298	TO 0.99977
C	USB	0	1.00000	N.A.	N.A.
C	UHF	0	1.00000	N.A.	N.A.
D	USB	0	1.00000	N.A.	N.A.
D	UHF	0	1.00000	N.A.	N.A.
E	USB	0	1.00000	N.A.	N.A.
E	UHF	0	1.00000	N.A.	N.A.
F		0	1.00000	N.A.	N.A.
G		0	1.00000	N.A.	N.A.
V		0	1.00000	N.A.	N.A.
A		0	1.00000	N.A.	N.A.
B		0	1.00000	N.A.	N.A.
C		0	1.00000	N.A.	N.A.

SKYLAB PREFLIGHT

FUNCTIONS, (DUAL) SITE GDS

		SKYLAB			
FUNCT.	#FAIL.	AVAILABILITY	90% CONFIDENCE	INTERVAL	
I		0	1.00000	N.A.	N.A.
A		0	1.00000	N.A.	N.A.
B	USB	0	1.00000	N.A.	N.A.
B	VHF	0	1.00000	N.A.	N.A.
C	USB	0	1.00000	N.A.	N.A.
C	VHF	0	1.00000	N.A.	N.A.
D		0	1.00000	N.A.	N.A.
F		0	1.00000	N.A.	N.A.
II		0	1.00000	N.A.	N.A.
A		0	1.00000	N.A.	N.A.
B	USB	0	1.00000	N.A.	N.A.
B	VHF	0	1.00000	N.A.	N.A.
C	USB	0	1.00000	N.A.	N.A.
C	VHF	0	1.00000	N.A.	N.A.
D		0	1.00000	N.A.	N.A.
E		0	1.00000	N.A.	N.A.
III		1	0.99552	0.92131	TO 0.99976
A	USB	0	1.00000	N.A.	N.A.
A	VHF	0	1.00000	N.A.	N.A.
B		1	0.99552	0.92131	TO 0.99976
C		1	0.99552	0.92131	TO 0.99976
IV		2	0.96270	0.79936	TO 0.99389
A		1	0.99657	0.93867	TO 0.99982
B		1	0.99657	0.93867	TO 0.99982
C	USB	1	0.96563	0.59656	TO 0.99813
C	UHF	0	1.00000	N.A.	N.A.
D	USB	1	0.99657	0.93867	TO 0.99982
D	UHF	1	0.99657	0.93867	TO 0.99982
E	USB	0	1.00000	N.A.	N.A.
F	UHF	0	1.00000	N.A.	N.A.
F		1	0.99657	0.93867	TO 0.99982
G		1	0.99657	0.93867	TO 0.99982
V		0	1.00000	N.A.	N.A.
A		0	1.00000	N.A.	N.A.
B		0	1.00000	N.A.	N.A.
C		0	1.00000	N.A.	N.A.

SKYLAB PREFLIGHT

FUNCTIONS, (DUAL) SITE GWM

FUNCT.	#FAIL.	AVAILABILITY	SKYLAB 90% CONFIDENCE INTERVAL	
I	0	1.00000	N.A.	N.A.
A	0	1.00000	N.A.	N.A.
B USB	0	1.00000	N.A.	N.A.
B VHF	0	1.00000	N.A.	N.A.
C USB	0	1.00000	N.A.	N.A.
C VHF	0	1.00000	N.A.	N.A.
D	0	1.00000	N.A.	N.A.
E	0	1.00000	N.A.	N.A.
II	0	1.00000	N.A.	N.A.
A	0	1.00000	N.A.	N.A.
B USB	0	1.00000	N.A.	N.A.
B VHF	0	1.00000	N.A.	N.A.
C USB	0	1.00000	N.A.	N.A.
C VHF	0	1.00000	N.A.	N.A.
D	0	1.00000	N.A.	N.A.
F	0	1.00000	N.A.	N.A.
III	0	1.00000	N.A.	N.A.
A USB	0	1.00000	N.A.	N.A.
A VHF	0	1.00000	N.A.	N.A.
B	0	1.00000	N.A.	N.A.
C	0	1.00000	N.A.	N.A.
IV	0	1.00000	N.A.	N.A.
A	0	1.00000	N.A.	N.A.
B	0	1.00000	N.A.	N.A.
C USB	0	1.00000	N.A.	N.A.
C UHF	0	1.00000	N.A.	N.A.
D USB	0	1.00000	N.A.	N.A.
D UHF	0	1.00000	N.A.	N.A.
F USB	0	1.00000	N.A.	N.A.
F UHF	0	1.00000	N.A.	N.A.
F	0	1.00000	N.A.	N.A.
G	0	1.00000	N.A.	N.A.
V	0	1.00000	N.A.	N.A.
A	0	1.00000	N.A.	N.A.
B	0	1.00000	N.A.	N.A.
C	0	1.00000	N.A.	N.A.

SKYLAB PREFLIGHT

FUNCTIONS. (DUAL) SITE HAW

-----		SKYLAB		-----	
FUNCT.	#FAIL.	AVAILABILITY	90% CONFIDENCE INTERVAL		
I		0	1.00000	N.A.	N.A.
A		0	1.00000	N.A.	N.A.
B	USB	0	1.00000	N.A.	N.A.
B	VHF	0	1.00000	N.A.	N.A.
C	USB	0	1.00000	N.A.	N.A.
C	VHF	0	1.00000	N.A.	N.A.
D		0	1.00000	N.A.	N.A.
E		0	1.00000	N.A.	N.A.
II		0	1.00000	N.A.	N.A.
A		0	1.00000	N.A.	N.A.
B	USB	0	1.00000	N.A.	N.A.
B	VHF	0	1.00000	N.A.	N.A.
C	USB	0	1.00000	N.A.	N.A.
C	VHF	0	1.00000	N.A.	N.A.
D		0	1.00000	N.A.	N.A.
E		0	1.00000	N.A.	N.A.
III		0	1.00000	N.A.	N.A.
A	USB	0	1.00000	N.A.	N.A.
A	VHF	0	1.00000	N.A.	N.A.
B		0	1.00000	N.A.	N.A.
C		0	1.00000	N.A.	N.A.
IV		0	1.00000	N.A.	N.A.
A		0	1.00000	N.A.	N.A.
B		0	1.00000	N.A.	N.A.
C	USB	0	1.00000	N.A.	N.A.
C	UHF	0	1.00000	N.A.	N.A.
D	USB	0	1.00000	N.A.	N.A.
D	UHF	0	1.00000	N.A.	N.A.
E	USB	0	1.00000	N.A.	N.A.
E	UHF	0	1.00000	N.A.	N.A.
F		0	1.00000	N.A.	N.A.
G		0	1.00000	N.A.	N.A.
V		0	1.00000	N.A.	N.A.
A		0	1.00000	N.A.	N.A.
B		0	1.00000	N.A.	N.A.
C		0	1.00000	N.A.	N.A.

SKYLAB PREFLIGHT

FUNCTIONS, (DUAL) SITE HSK

FUNCT.	#FAIL.	SKYLAB		CONFIDENCE INTERVAL	
		AVAILABILITY	90%		
I	0	1.00000	N.A.	N.A.	
A	0	1.00000	N.A.	N.A.	
B USB	0	1.00000	N.A.	N.A.	
B VHF	0	1.00000	N.A.	N.A.	
C USB	0	1.00000	N.A.	N.A.	
C VHF	0	1.00000	N.A.	N.A.	
D	0	1.00000	N.A.	N.A.	
E	0	1.00000	N.A.	N.A.	
II	0	1.00000	N.A.	N.A.	
A	0	1.00000	N.A.	N.A.	
B USB	0	1.00000	N.A.	N.A.	
B VHF	0	1.00000	N.A.	N.A.	
C USB	0	1.00000	N.A.	N.A.	
C VHF	0	1.00000	N.A.	N.A.	
D	0	1.00000	N.A.	N.A.	
F	0	1.00000	N.A.	N.A.	
III	0	1.00000	N.A.	N.A.	
A USB	0	1.00000	N.A.	N.A.	
A VHF	0	1.00000	N.A.	N.A.	
B	0	1.00000	N.A.	N.A.	
C	0	1.00000	N.A.	N.A.	
IV	0	1.00000	N.A.	N.A.	
A	0	1.00000	N.A.	N.A.	
B	0	1.00000	N.A.	N.A.	
C USB	0	1.00000	N.A.	N.A.	
C UHF	0	1.00000	N.A.	N.A.	
D USB	0	1.00000	N.A.	N.A.	
D UHF	0	1.00000	N.A.	N.A.	
E USB	0	1.00000	N.A.	N.A.	
F UHF	0	1.00000	N.A.	N.A.	
F	0	1.00000	N.A.	N.A.	
G	0	1.00000	N.A.	N.A.	
V	0	1.00000	N.A.	N.A.	
A	0	1.00000	N.A.	N.A.	
B	0	1.00000	N.A.	N.A.	
C	0	1.00000	N.A.	N.A.	

SKYLAB PREFLIGHT

FUNCTIONS, (DUAL) SITE MAD

SKYLAB

FUNCT.	#FAIL.	AVAILABILITY	90% CONFIDENCE INTERVAL		
I	0	1.00000	N.A.		N.A.
A	0	1.00000	N.A.		N.A.
B USB	0	1.00000	N.A.		N.A.
R VHF	0	1.00000	N.A.		N.A.
C USB	0	1.00000	N.A.		N.A.
C VHF	0	1.00000	N.A.		N.A.
D	0	1.00000	N.A.		N.A.
E	0	1.00000	N.A.		N.A.
II	0	1.00000	N.A.		N.A.
A	0	1.00000	N.A.		N.A.
B USB	0	1.00000	N.A.		N.A.
B VHF	0	1.00000	N.A.		N.A.
C USB	0	1.00000	N.A.		N.A.
C VHF	0	1.00000	N.A.		N.A.
D	0	1.00000	N.A.		N.A.
E	0	1.00000	N.A.		N.A.
III	0	1.00000	N.A.		N.A.
A USB	0	1.00000	N.A.		N.A.
A VHF	0	1.00000	N.A.		N.A.
B	0	1.00000	N.A.		N.A.
C	0	1.00000	N.A.		N.A.
IV	1	0.94435	0.47179	TO	0.99691
A	0	1.00000	N.A.		N.A.
B	1	0.94435	0.47179	TO	0.99691
C USB	0	1.00000	N.A.		N.A.
C UHF	0	1.00000	N.A.		N.A.
D USB	0	1.00000	N.A.		N.A.
D UHF	0	1.00000	N.A.		N.A.
F USB	0	1.00000	N.A.		N.A.
E UHF	0	1.00000	N.A.		N.A.
F	0	1.00000	N.A.		N.A.
G	0	1.00000	N.A.		N.A.
V	0	1.00000	N.A.		N.A.
A	0	1.00000	N.A.		N.A.
B	0	1.00000	N.A.		N.A.
C	0	1.00000	N.A.		N.A.

SKYLAB PREFLIGHT

FUNCTIONS, (DUAL) SITE MIL

FUNCTIONS, (DUAL) SITE MIL		SKYLAB			
FUNCT.	#FAIL.	AVAILABILITY	90% CONFIDENCE	INTERVAL	
I		0	1.00000	N.A.	N.A.
A		0	1.00000	N.A.	N.A.
B	USB	0	1.00000	N.A.	N.A.
B	VHF	0	1.00000	N.A.	N.A.
C	USB	0	1.00000	N.A.	N.A.
C	VHF	0	1.00000	N.A.	N.A.
D		0	1.00000	N.A.	N.A.
E		0	1.00000	N.A.	N.A.
II		0	1.00000	N.A.	N.A.
A		0	1.00000	N.A.	N.A.
B	USB	0	1.00000	N.A.	N.A.
B	VHF	0	1.00000	N.A.	N.A.
C	USB	0	1.00000	N.A.	N.A.
C	VHF	0	1.00000	N.A.	N.A.
D		0	1.00000	N.A.	N.A.
F		0	1.00000	N.A.	N.A.
III		0	1.00000	N.A.	N.A.
A	USB	0	1.00000	N.A.	N.A.
A	VHF	0	1.00000	N.A.	N.A.
B		0	1.00000	N.A.	N.A.
C		0	1.00000	N.A.	N.A.
IV		0	1.00000	N.A.	N.A.
A		0	1.00000	N.A.	N.A.
B		0	1.00000	N.A.	N.A.
C	USB	0	1.00000	N.A.	N.A.
C	UHF	0	1.00000	N.A.	N.A.
D	USB	0	1.00000	N.A.	N.A.
D	UHF	0	1.00000	N.A.	N.A.
E	USB	0	1.00000	N.A.	N.A.
E	UHF	0	1.00000	N.A.	N.A.
F		0	1.00000	N.A.	N.A.
G		0	1.00000	N.A.	N.A.
V		0	1.00000	N.A.	N.A.
A		0	1.00000	N.A.	N.A.
B		0	1.00000	N.A.	N.A.
C		0	1.00000	N.A.	N.A.

SKYLAB PREFLIGHT

FUNCTIONS, (DUAL) SITE TEX

FUNCT.	#FAIL.	AVAILABILITY	SKYLAB 90% CONFIDENCE INTERVAL		
I	0	1.00000	N.A.		N.A.
A	0	1.00000	N.A.		N.A.
B USB	0	1.00000	N.A.		N.A.
B VHF	0	1.00000	N.A.		N.A.
C USB	0	1.00000	N.A.		N.A.
C VHF	0	1.00000	N.A.		N.A.
D	0	1.00000	N.A.		N.A.
E	0	1.00000	N.A.		N.A.
II	0	1.00000	N.A.		N.A.
A	0	1.00000	N.A.		N.A.
B USB	0	1.00000	N.A.		N.A.
B VHF	0	1.00000	N.A.		N.A.
C USB	0	1.00000	N.A.		N.A.
C VHF	0	1.00000	N.A.		N.A.
D	0	1.00000	N.A.		N.A.
E	0	1.00000	N.A.		N.A.
III	0	1.00000	N.A.		N.A.
A USB	0	1.00000	N.A.		N.A.
A VHF	0	1.00000	N.A.		N.A.
B	0	1.00000	N.A.		N.A.
C	0	1.00000	N.A.		N.A.
IV	1	0.85925	0.24317	TO	0.99145
A	1	0.85925	0.24317	TO	0.99145
B	1	0.85925	0.24317	TO	0.99145
C USB	0	1.00000	N.A.		N.A.
C UHF	0	1.00000	N.A.		N.A.
D USB	1	0.85925	0.24317	TO	0.99145
D UHF	1	0.85925	0.24317	TO	0.99145
E USB	0	1.00000	N.A.		N.A.
E UHF	0	1.00000	N.A.		N.A.
F	1	0.85925	0.24317	TO	0.99145
G	1	0.85925	0.24317	TO	0.99145
V	0	1.00000	N.A.		N.A.
A	0	1.00000	N.A.		N.A.
B	0	1.00000	N.A.		N.A.
C	0	1.00000	N.A.		N.A.

SKYLAB PREFLIGHT

FUNCTIONS, (DUAL) SITE VAN

FUNCT.	-----		SKYLAB		-----	
	#FAIL.	AVAILABILITY	90%	CONFIDENCE	INTERVAL	
I	0	1.00000		N.A.		N.A.
A	0	1.00000		N.A.		N.A.
B USB	0	1.00000		N.A.		N.A.
B VHF	0	1.00000		N.A.		N.A.
C USB	0	1.00000		N.A.		N.A.
C VHF	0	1.00000		N.A.		N.A.
D	0	1.00000		N.A.		N.A.
E	0	1.00000		N.A.		N.A.
II	0	1.00000		N.A.		N.A.
A	0	1.00000		N.A.		N.A.
B USB	0	1.00000		N.A.		N.A.
B VHF	0	1.00000		N.A.		N.A.
C USB	0	1.00000		N.A.		N.A.
C VHF	0	1.00000		N.A.		N.A.
D	0	1.00000		N.A.		N.A.
E	0	1.00000		N.A.		N.A.
III	0	1.00000		N.A.		N.A.
A USB	0	1.00000		N.A.		N.A.
A VHF	0	1.00000		N.A.		N.A.
B	0	1.00000		N.A.		N.A.
C	0	1.00000		N.A.		N.A.
IV	1	0.81506	0.18828		TO	0.98820
A	1	0.81506	0.18828		TO	0.98820
B	1	0.81506	0.18828		TO	0.98820
C USB	0	1.00000		N.A.		N.A.
C UHF	0	1.00000		N.A.		N.A.
D USB	1	0.81506	0.18828		TO	0.98820
D UHF	1	0.81506	0.18828		TO	0.98820
E USB	0	1.00000		N.A.		N.A.
E UHF	0	1.00000		N.A.		N.A.
F	1	0.81506	0.18828		TO	0.98820
G	1	0.81506	0.18828		TO	0.98820
V	0	1.00000		N.A.		N.A.
A	0	1.00000		N.A.		N.A.
B	0	1.00000		N.A.		N.A.
C	0	1.00000		N.A.		N.A.

I. AVAILABILITY

B. Unmanned

SKYLAB UNMANNED SL1, SL3, AND SL4 COMBINED

COMPUTATIONS FOR FUNCTIONS, ALL SITES COMBINED
 FUNCT. #FAIL. AVAILABILITY 90% CONFIDENCE INTERVAL

I		28	0.97976	0.96883	TO	0.98692
A		10	0.99560	0.99072	TO	0.99792
B	USB	10	0.99295	0.98517	TO	0.99666
B	VHF	2	0.99992	0.99946	TO	0.99999
C	USB	23	0.98435	0.97470	TO	0.99036
C	VHF	2	0.99992	0.99946	TO	0.99999
D		2	0.99919	0.99487	TO	0.99987
F		3	0.99411	0.97527	TO	0.99862
II		19	0.98592	0.97608	TO	0.99175
A		0	1.00000	N.A.		N.A.
B	USB	17	0.98601	0.97547	TO	0.99206
B	VHF	2	0.99992	0.99946	TO	0.99999
C	USB	11	0.99265	0.98505	TO	0.99640
C	VHF	2	0.99992	0.99946	TO	0.99999
D		0	1.00000	N.A.		N.A.
E		0	1.00000	N.A.		N.A.
III		32	0.97457	0.96201	TO	0.98305
A	USB	11	0.99265	0.98505	TO	0.99640
A	VHF	6	0.99635	0.99023	TO	0.99864
B		17	0.98542	0.97445	TO	0.99172
C		17	0.98299	0.97024	TO	0.99033
IV		51	0.95961	0.94483	TO	0.97055
A		15	0.99669	0.99392	TO	0.99820
B		14	0.99750	0.99531	TO	0.99867
C	USB	21	0.98511	0.97536	TO	0.99104
C	UHF	11	0.98608	0.97187	TO	0.99316
D	USB	14	0.99750	0.99531	TO	0.99867
D	UHF	14	0.99750	0.99531	TO	0.99867
E	USB	11	0.99265	0.98505	TO	0.99640
F	UHF	6	0.99635	0.99023	TO	0.99864
F		19	0.99141	0.98534	TO	0.99498
G		15	0.99242	0.98613	TO	0.99586
V		13	0.96917	0.94216	TO	0.98379
A		11	0.99265	0.98505	TO	0.99640
B		1	0.98980	0.83620	TO	0.99946
C		2	0.98655	0.91986	TO	0.99787

SKYLAB UNMANNED SL1, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE ACN

FUNCT.	-----		SKYLAB		-----	
	#FAIL.	AVAILABILITY	90% CONFIDENCE	INTERVAL		
I		1	0.99915	0.98414	TO	0.99996
A		0	1.00000	N.A.		N.A.
B USB		0	1.00000	N.A.		N.A.
B VHF		0	1.00000	N.A.		N.A.
C USB		1	0.99915	0.98414	TO	0.99996
C VHF		0	1.00000	N.A.		N.A.
D		0	1.00000	N.A.		N.A.
F		0	1.00000	N.A.		N.A.
II		1	0.99915	0.98414	TO	0.99996
A		0	1.00000	N.A.		N.A.
B USB		1	0.99915	0.98414	TO	0.99996
B VHF		0	1.00000	N.A.		N.A.
C USB		0	1.00000	N.A.		N.A.
C VHF		0	1.00000	N.A.		N.A.
D		0	1.00000	N.A.		N.A.
E		0	1.00000	N.A.		N.A.
III		1	0.99781	0.95998	TO	0.99988
A USB		0	1.00000	N.A.		N.A.
A VHF		0	1.00000	N.A.		N.A.
B		1	0.99781	0.95998	TO	0.99988
C		1	0.99781	0.95998	TO	0.99988
IV		5	0.97960	0.94158	TO	0.99306
A		2	0.99771	0.98552	TO	0.99964
B		2	0.99771	0.98552	TO	0.99964
C USB		?	0.99714	0.98200	TO	0.99955
C UHF		1	0.98476	0.77272	TO	0.99919
D USB		2	0.99771	0.98552	TO	0.99964
D UHF		?	0.99771	0.98552	TO	0.99964
F USB		0	1.00000	N.A.		N.A.
F UHF		0	1.00000	N.A.		N.A.
F		2	0.99771	0.98552	TO	0.99964
G		2	0.99771	0.98552	TO	0.99964
V		0	1.00000	N.A.		N.A.
A		0	1.00000	N.A.		N.A.
B		0	1.00000	N.A.		N.A.
C		0	1.00000	N.A.		N.A.

SKYLAB UNMANNED SL1, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE BDA

FUNCT.	-----		SKYLAB		-----	
	#FAIL.	AVAILABILITY	90% CONFIDENCE	INTERVAL		
I		3	0.98992	0.95823	TO	0.99763
A		0	1.00000	N.A.		N.A.
B USB		0	1.00000	N.A.		N.A.
B VHF		0	1.00000	N.A.		N.A.
C USB		3	0.98992	0.95823	TO	0.99763
C VHF		0	1.00000	N.A.		N.A.
D		0	1.00000	N.A.		N.A.
E		0	1.00000	N.A.		N.A.
II		1	0.99640	0.93575	TO	0.99981
A		0	1.00000	N.A.		N.A.
B USB		1	0.99640	0.93575	TO	0.99981
B VHF		0	1.00000	N.A.		N.A.
C USB		1	0.99640	0.93575	TO	0.99981
C VHF		0	1.00000	N.A.		N.A.
D		0	1.00000	N.A.		N.A.
E		0	1.00000	N.A.		N.A.
III		2	0.99534	0.97095	TO	0.99927
A USB		1	0.99640	0.93575	TO	0.99981
A VHF		0	1.00000	N.A.		N.A.
B		1	0.99894	0.98025	TO	0.99994
C		1	0.99894	0.98025	TO	0.99994
IV		4	0.99249	0.97463	TO	0.99780
A		3	0.99609	0.98348	TO	0.99908
B		3	0.99609	0.98348	TO	0.99908
C USB		1	0.99640	0.93575	TO	0.99981
C UHF		0	1.00000	N.A.		N.A.
D USB		3	0.99609	0.98348	TO	0.99908
D UHF		3	0.99609	0.98348	TO	0.99908
E USB		1	0.99640	0.93575	TO	0.99981
E UHF		0	1.00000	N.A.		N.A.
F		3	0.99609	0.98348	TO	0.99908
G		3	0.99609	0.98348	TO	0.99908
V		2	0.91760	0.63539	TO	0.98614
A		1	0.99640	0.93575	TO	0.99981
B		0	1.00000	N.A.		N.A.
C		1	0.92120	0.38091	TO	0.99552

SKYLAB UNMANNED SL1, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE CRO

FUNCTIONS, (DUAL) SITE CRO		SKYLAB		CONFIDENCE INTERVAL	
FUNCT.	#FAIL.	AVAILABILITY	90%		
I		0	1.00000	N.A.	N.A.
A		0	1.00000	N.A.	N.A.
B	USB	0	1.00000	N.A.	N.A.
B	VHF	0	1.00000	N.A.	N.A.
C	USB	0	1.00000	N.A.	N.A.
C	VHF	0	1.00000	N.A.	N.A.
D		0	1.00000	N.A.	N.A.
E		0	1.00000	N.A.	N.A.
II		0	1.00000	N.A.	N.A.
A		0	1.00000	N.A.	N.A.
B	USB	0	1.00000	N.A.	N.A.
B	VHF	0	1.00000	N.A.	N.A.
C	USB	0	1.00000	N.A.	N.A.
C	VHF	0	1.00000	N.A.	N.A.
D		0	1.00000	N.A.	N.A.
E		0	1.00000	N.A.	N.A.
III		1	0.95550	0.53053	TO 0.99755
A	USB	0	1.00000	N.A.	N.A.
A	VHF	0	1.00000	N.A.	N.A.
B		1	0.95550	0.53053	TO 0.99755
C		1	0.95550	0.53053	TO 0.99755
IV		1	0.99742	0.95322	TO 0.99986
A		0	1.00000	N.A.	N.A.
B		0	1.00000	N.A.	N.A.
C	USB	0	1.00000	N.A.	N.A.
C	UHF	1	0.99742	0.95322	TO 0.99986
D	USB	0	1.00000	N.A.	N.A.
D	UHF	0	1.00000	N.A.	N.A.
E	USB	0	1.00000	N.A.	N.A.
E	UHF	0	1.00000	N.A.	N.A.
F		0	1.00000	N.A.	N.A.
G		0	1.00000	N.A.	N.A.
V		1	0.91739	0.36888	TO 0.99528
A		0	1.00000	N.A.	N.A.
B		0	1.00000	N.A.	N.A.
C		1	0.91739	0.36888	TO 0.99528

SKYLAB UNMANNED SL1, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE CYI

		SKYLAB			
FUNCT.	#FAIL.	AVAILABILITY	90% CONFIDENCE INTERVAL		
I		1	0.99873	0.97639	TO 0.99993
A		1	0.99873	0.97639	TO 0.99993
B	USB	0	1.00000	N.A.	N.A.
B	VHF	0	1.00000	N.A.	N.A.
C	USB	0	1.00000	N.A.	N.A.
C	VHF	0	1.00000	N.A.	N.A.
D		0	1.00000	N.A.	N.A.
E		0	1.00000	N.A.	N.A.
II		0	1.00000	N.A.	N.A.
A		0	1.00000	N.A.	N.A.
B	USB	0	1.00000	N.A.	N.A.
B	VHF	0	1.00000	N.A.	N.A.
C	USB	0	1.00000	N.A.	N.A.
C	VHF	0	1.00000	N.A.	N.A.
D		0	1.00000	N.A.	N.A.
E		0	1.00000	N.A.	N.A.
III		1	0.99725	0.95015	TO 0.99985
A	USB	0	1.00000	N.A.	N.A.
A	VHF	0	1.00000	N.A.	N.A.
B		1	0.99725	0.95015	TO 0.99985
C		1	0.99725	0.95015	TO 0.99985
IV		2	0.99751	0.98433	TO 0.99961
A		2	0.99751	0.98433	TO 0.99961
B		2	0.99751	0.98433	TO 0.99961
C	USB	0	1.00000	N.A.	N.A.
C	UHF	0	1.00000	N.A.	N.A.
D	USB	2	0.99751	0.98433	TO 0.99961
D	UHF	2	0.99751	0.98433	TO 0.99961
E	USB	0	1.00000	N.A.	N.A.
E	UHF	0	1.00000	N.A.	N.A.
F		2	0.99751	0.98433	TO 0.99961
G		2	0.99751	0.98433	TO 0.99961
V		0	1.00000	N.A.	N.A.
A		0	1.00000	N.A.	N.A.
B		0	1.00000	N.A.	N.A.
C		0	1.00000	N.A.	N.A.

SKYLAB UNMANNED SL1, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE GDS

FUNCT.	#FAIL.	SKYLAB		90% CONFIDENCE INTERVAL
		AVAILABILITY		
I		5	0.97870	0.93909 TO 0.99275
A		2	0.98958	0.93698 TO 0.99836
B USB		2	0.99580	0.97375 TO 0.99934
B VHF		0	1.00000	N.A. N.A.
C USB		4	0.98696	0.95652 TO 0.99617
C VHF		0	1.00000	N.A. N.A.
D		1	0.99174	0.86336 TO 0.99956
E		1	0.99174	0.86336 TO 0.99956
II		2	0.99580	0.97375 TO 0.99934
A		0	1.00000	N.A. N.A.
R USB		2	0.99580	0.97375 TO 0.99934
B VHF		0	1.00000	N.A. N.A.
C USB		2	0.99580	0.97375 TO 0.99934
C VHF		0	1.00000	N.A. N.A.
D		0	1.00000	N.A. N.A.
E		0	1.00000	N.A. N.A.
III		3	0.99168	0.96535 TO 0.99804
A USB		2	0.99580	0.97375 TO 0.99934
A VHF		0	1.00000	N.A. N.A.
B		1	0.99588	0.92720 TO 0.99978
C		1	0.99588	0.92720 TO 0.99978
IV		3	0.99474	0.97787 TO 0.99877
A		0	1.00000	N.A. N.A.
B		0	1.00000	N.A. N.A.
C USB		2	0.99580	0.97375 TO 0.99934
C UHF		1	0.99894	0.98025 TO 0.99994
D USB		0	1.00000	N.A. N.A.
D UHF		0	1.00000	N.A. N.A.
E USB		2	0.99580	0.97375 TO 0.99934
F UHF		0	1.00000	N.A. N.A.
F		0	1.00000	N.A. N.A.
G		0	1.00000	N.A. N.A.
V		2	0.87550	0.52392 TO 0.97823
A		2	0.99580	0.97375 TO 0.99934
B		1	0.87755	0.27388 TO 0.99271
C		0	1.00000	N.A. N.A.

SKYLAB UNMANNED SL1, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE GWM

FUNCT.	-----		SKYLAB		-----	
	#FAIL.	AVAILABILITY	90% CONFIDENCE	INTERVAL		
I		2	0.99352	0.95998	TO	0.99898
A		1	0.99670	0.94074	TO	0.99983
B USB		1	0.99670	0.94074	TO	0.99983
B VHF		0	1.00000	N.A.		N.A.
C USB		2	0.99352	0.95998	TO	0.99898
C VHF		0	1.00000	N.A.		N.A.
D		0	1.00000	N.A.		N.A.
E		0	1.00000	N.A.		N.A.
II		1	0.99670	0.94074	TO	0.99983
A		0	1.00000	N.A.		N.A.
B USB		1	0.99670	0.94074	TO	0.99983
B VHF		0	1.00000	N.A.		N.A.
C USB		1	0.99670	0.94074	TO	0.99983
C VHF		0	1.00000	N.A.		N.A.
D		0	1.00000	N.A.		N.A.
E		0	1.00000	N.A.		N.A.
III		1	0.99670	0.94074	TO	0.99983
A USB		1	0.99670	0.94074	TO	0.99983
A VHF		0	1.00000	N.A.		N.A.
B		0	1.00000	N.A.		N.A.
C		0	1.00000	N.A.		N.A.
IV		5	0.90508	0.76189	TO	0.96600
A		2	0.99202	0.95112	TO	0.99874
B		2	0.99202	0.95112	TO	0.99874
C USB		7	0.99637	0.97726	TO	0.99943
C UHF		1	0.91669	0.36673	TO	0.99524
D USB		2	0.99202	0.95112	TO	0.99874
D UHF		7	0.99707	0.95112	TO	0.99874
E USB		1	0.99670	0.94074	TO	0.99983
E UHF		0	1.00000	N.A.		N.A.
F		7	0.99202	0.95112	TO	0.99874
G		2	0.99202	0.95112	TO	0.99874
V		1	0.99670	0.94074	TO	0.99983
A		1	0.99670	0.94074	TO	0.99983
B		0	1.00000	N.A.		N.A.
C		0	1.00000	N.A.		N.A.

SKYLAB UNMANNED SL1, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE HAW

FUNCT.	-----		SKYLAB		-----	
	#FAIL.	AVAILABILITY	90% CONFIDENCE	INTERVAL		
I		3	0.95414	0.82939	TO	0.98890
A		0	1.00000	N.A.		N.A.
B USB		1	0.95700	0.53947	TO	0.99764
B VHF		0	1.00000	N.A.		N.A.
C USB		3	0.95414	0.82939	TO	0.98890
C VHF		0	1.00000	N.A.		N.A.
D		0	1.00000	N.A.		N.A.
E		0	1.00000	N.A.		N.A.
II		3	0.95414	0.82939	TO	0.98890
A		0	1.00000	N.A.		N.A.
B USB		3	0.95414	0.82939	TO	0.98890
B VHF		0	1.00000	N.A.		N.A.
C USB		1	0.95700	0.53947	TO	0.99764
C VHF		0	1.00000	N.A.		N.A.
D		0	1.00000	N.A.		N.A.
E		0	1.00000	N.A.		N.A.
III		2	0.94800	0.74046	TO	0.99149
A USB		1	0.95700	0.53947	TO	0.99764
A VHF		0	1.00000	N.A.		N.A.
B		1	0.99100	0.85281	TO	0.99952
C		1	0.99100	0.85281	TO	0.99952
IV		4	0.95283	0.85448	TO	0.98581
A		1	0.99869	0.97561	TO	0.99993
B		1	0.99869	0.97561	TO	0.99993
C USB		3	0.95414	0.82939	TO	0.98890
C UHF		0	1.00000	N.A.		N.A.
D USB		1	0.99869	0.97561	TO	0.99993
D UHF		1	0.99869	0.97561	TO	0.99993
E USB		1	0.95700	0.53947	TO	0.99764
E UHF		0	1.00000	N.A.		N.A.
F		1	0.99869	0.97561	TO	0.99993
G		1	0.99869	0.97561	TO	0.99993
V		1	0.95700	0.53947	TO	0.99764
A		1	0.95700	0.53947	TO	0.99764
B		0	1.00000	N.A.		N.A.
C		0	1.00000	N.A.		N.A.

SKYLAB UNMANNED SL1, SL3, AND SL4 COMBINED

FUNCTIONS. (DUAL) SITE HSK

FUNCTIONS. (DUAL) SITE HSK		SKYLAB				
FUNCT.	#FAIL.	AVAILABILITY	90% CONFIDENCE INTERVAL			
I	3	0.96336	0.86001	TO	0.99119	
A	1	0.99619	0.93221	TO	0.99980	
B USB	0	1.00000	N.A.		N.A.	
B VHF	1	0.99951	0.99081	TO	0.99997	
C USB	1	0.96766	0.61163	TO	0.99824	
C VHF	1	0.99951	0.99081	TO	0.99997	
D	0	1.00000	N.A.		N.A.	
E	0	1.00000	N.A.		N.A.	
II	2	0.96717	0.82177	TO	0.99472	
A	0	1.00000	N.A.		N.A.	
B USB	1	0.96766	0.61163	TO	0.99824	
R VHF	1	0.99951	0.99081	TO	0.99997	
C USB	0	1.00000	N.A.		N.A.	
C VHF	1	0.99951	0.99081	TO	0.99997	
D	0	1.00000	N.A.		N.A.	
E	0	1.00000	N.A.		N.A.	
III	7	0.92908	0.84083	TO	0.97014	
A USB	0	1.00000	N.A.		N.A.	
A VHF	4	0.95817	0.86944	TO	0.98747	
B	4	0.96018	0.87515	TO	0.98809	
C	4	0.96018	0.87515	TO	0.98809	
IV	7	0.90543	0.79426	TO	0.95959	
A	0	1.00000	N.A.		N.A.	
B	0	1.00000	N.A.		N.A.	
C USB	1	0.96766	0.61163	TO	0.99824	
C UHF	0	1.00000	N.A.		N.A.	
D USB	0	1.00000	N.A.		N.A.	
D UHF	0	1.00000	N.A.		N.A.	
E USB	0	1.00000	N.A.		N.A.	
E UHF	4	0.95817	0.86944	TO	0.98747	
F	3	0.96886	0.87908	TO	0.99255	
G	0	1.00000	N.A.		N.A.	
V	0	1.00000	N.A.		N.A.	
A	0	1.00000	N.A.		N.A.	
B	0	1.00000	N.A.		N.A.	
C	0	1.00000	N.A.		N.A.	

SKYLAB UNMANNED SL1, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE MAD

FUNCT.	-----		SKYLAB		-----	
	#FAIL.	AVAILABILITY	90% CONFIDENCE	INTERVAL		
I	6	0.98440	0.95910	TO	0.99414	
A	4	0.98634	0.95452	TO	0.99599	
R USB	4	0.98634	0.95452	TO	0.99599	
B VHF	1	0.99947	0.99003	TO	0.99997	
C USB	5	0.98492	0.95638	TO	0.99489	
C VHF	1	0.99947	0.99003	TO	0.99997	
D	1	0.99859	0.97382	TO	0.99993	
E	1	0.99859	0.97382	TO	0.99993	
II	5	0.98581	0.95886	TO	0.99519	
A	0	1.00000	N.A.		N.A.	
R USB	4	0.98634	0.95452	TO	0.99599	
B VHF	1	0.99947	0.99003	TO	0.99997	
C USB	4	0.98634	0.95452	TO	0.99599	
C VHF	1	0.99947	0.99003	TO	0.99997	
D	0	1.00000	N.A.		N.A.	
E	0	1.00000	N.A.		N.A.	
III	7	0.98480	0.96313	TO	0.99381	
A USB	4	0.98634	0.95452	TO	0.99599	
A VHF	1	0.99947	0.99003	TO	0.99997	
B	2	0.99899	0.99358	TO	0.99984	
C	2	0.99899	0.99358	TO	0.99984	
IV	7	0.96939	0.92738	TO	0.98743	
A	1	0.99026	0.84250	TO	0.99948	
B	0	1.00000	N.A.		N.A.	
C USB	4	0.98507	0.95044	TO	0.99561	
C UHF	2	0.99407	0.96328	TO	0.99907	
D USB	0	1.00000	N.A.		N.A.	
D UHF	0	1.00000	N.A.		N.A.	
E USB	4	0.98634	0.95452	TO	0.99599	
E UHF	1	0.99947	0.99003	TO	0.99997	
F	1	0.99026	0.84250	TO	0.99948	
G	0	1.00000	N.A.		N.A.	
V	4	0.98634	0.95452	TO	0.99599	
A	4	0.98634	0.95452	TO	0.99599	
B	0	1.00000	N.A.		N.A.	
C	0	1.00000	N.A.		N.A.	

SKYLAB UNMANNED SL1, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE MIL

FUNCT.	-----		SKYLAB		-----	
	#FAIL.	AVAILABILITY	90% CONFIDENCE	INTERVAL		
I		3	0.89536	0.66658	TO	0.97342
A		1	0.97967	0.71717	TO	0.99891
B USB		1	0.97967	0.71717	TO	0.99891
B VHF		0	1.00000	N.A.		N.A.
C USB		3	0.93603	0.77370	TO	0.98428
C VHF		0	1.00000	N.A.		N.A.
D		0	1.00000	N.A.		N.A.
E		1	0.93900	0.44756	TO	0.99659
II		3	0.93603	0.77370	TO	0.98428
A		0	1.00000	N.A.		N.A.
B USB		3	0.93603	0.77370	TO	0.98428
B VHF		0	1.00000	N.A.		N.A.
C USB		1	0.97967	0.71717	TO	0.99891
C VHF		0	1.00000	N.A.		N.A.
D		0	1.00000	N.A.		N.A.
E		0	1.00000	N.A.		N.A.
III		3	0.92372	0.73887	TO	0.98107
A USB		1	0.97967	0.71717	TO	0.99891
A VHF		1	0.99852	0.97256	TO	0.99992
B		2	0.95444	0.76626	TO	0.99258
C		2	0.97521	0.65939	TO	0.98751
IV		8	0.83328	0.68204	TO	0.92092
A		2	0.98919	0.93473	TO	0.99829
B		2	0.98919	0.93473	TO	0.99829
C USB		4	0.93518	0.80748	TO	0.98025
C UHF		3	0.94597	0.80357	TO	0.98683
D USB		2	0.98919	0.93473	TO	0.99829
D UHF		2	0.98919	0.93473	TO	0.99829
E USB		1	0.97967	0.71717	TO	0.99891
F UHF		1	0.99852	0.97256	TO	0.99992
F		3	0.95699	0.83869	TO	0.98961
G		3	0.92819	0.75124	TO	0.98274
V		1	0.97967	0.71717	TO	0.99891
A		1	0.97967	0.71717	TO	0.99891
B		0	1.00000	N.A.		N.A.
C		0	1.00000	N.A.		N.A.

SKYLAB UNMANNED SL1, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE TEX

		SKYLAB			
FUNCT.	#FAIL.	AVAILABILITY	90% CONFIDENCE INTERVAL		
I		1	0.99989	0.99799	TO 0.99999
A		0	1.00000	N.A.	N.A.
B USB		1	0.99989	0.99799	TO 0.99999
B VHF		0	1.00000	N.A.	N.A.
C USB		1	0.99989	0.99799	TO 0.99999
C VHF		0	1.00000	N.A.	N.A.
D		0	1.00000	N.A.	N.A.
E		0	1.00000	N.A.	N.A.
II		1	0.99989	0.99799	TO 0.99999
A		0	1.00000	N.A.	N.A.
B USB		1	0.99989	0.99799	TO 0.99999
B VHF		0	1.00000	N.A.	N.A.
C USB		1	0.99989	0.99799	TO 0.99999
C VHF		0	1.00000	N.A.	N.A.
D		0	1.00000	N.A.	N.A.
E		0	1.00000	N.A.	N.A.
III		2	0.99876	0.99215	TO 0.99981
A USB		1	0.99989	0.99799	TO 0.99999
A VHF		0	1.00000	N.A.	N.A.
B		1	0.99887	0.97895	TO 0.99994
C		1	0.99887	0.97895	TO 0.99994
IV		2	0.99506	0.96924	TO 0.99922
A		0	1.00000	N.A.	N.A.
B		0	1.00000	N.A.	N.A.
C USB		1	0.99989	0.99799	TO 0.99999
C UHF		2	0.99506	0.96924	TO 0.99922
D USB		0	1.00000	N.A.	N.A.
D UHF		0	1.00000	N.A.	N.A.
E USB		1	0.99989	0.99799	TO 0.99999
E UHF		0	1.00000	N.A.	N.A.
F		0	1.00000	N.A.	N.A.
G		0	1.00000	N.A.	N.A.
V		1	0.99989	0.99799	TO 0.99999
A		1	0.99989	0.99799	TO 0.99999
B		0	1.00000	N.A.	N.A.
C		0	1.00000	N.A.	N.A.

SKYLAB UNMANNED SL1, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE VAN

FUNCT.	-----		SKYLAB		-----	
	#FAIL.	AVAILABILITY	90% CONFIDENCE	INTERVAL		
I	0	1.00000	N.A.			N.A.
A	0	1.00000	N.A.			N.A.
B USB	0	1.00000	N.A.			N.A.
B VHF	0	1.00000	N.A.			N.A.
C USB	0	1.00000	N.A.			N.A.
C VHF	0	1.00000	N.A.			N.A.
D	0	1.00000	N.A.			N.A.
E	0	1.00000	N.A.			N.A.
II	0	1.00000	N.A.			N.A.
A	0	1.00000	N.A.			N.A.
R USB	0	1.00000	N.A.			N.A.
B VHF	0	1.00000	N.A.			N.A.
C USB	0	1.00000	N.A.			N.A.
C VHF	0	1.00000	N.A.			N.A.
D	0	1.00000	N.A.			N.A.
E	0	1.00000	N.A.			N.A.
III	2	0.97621	0.86524	TO		0.99620
A USB	0	1.00000	N.A.			N.A.
A VHF	0	1.00000	N.A.			N.A.
B	2	0.97621	0.86524	TO		0.99620
C	2	0.97621	0.86524	TO		0.99620
IV	3	0.99244	0.96842	TO		0.99822
A	2	0.99879	0.99229	TO		0.99981
B	?	0.99879	0.99229	TO		0.99981
C USB	1	0.99365	0.89176	TO		0.99966
C UHF	0	1.00000	N.A.			N.A.
D USB	?	0.99879	0.99229	TO		0.99981
D UHF	2	0.99879	0.99229	TO		0.99981
E USB	0	1.00000	N.A.			N.A.
E UHF	0	1.00000	N.A.			N.A.
F	2	0.99879	0.99229	TO		0.99981
G	?	0.99879	0.99229	TO		0.99981
V	0	1.00000	N.A.			N.A.
A	0	1.00000	N.A.			N.A.
B	0	1.00000	N.A.			N.A.
C	0	1.00000	N.A.			N.A.

1. AVAILABILITY

C. Manned

SKYLAB MANNED SL2, SL3, AND SL4 COMBINED

COMPUTATIONS FOR FUNCTIONS, ALL SITFS COMBINED
 FUNCT. #FAIL. AVAILABILITY 90% CONFIDENCE INTERVAL

I		62	0.96618	0.95502	TO	0.97464
A		17	0.98918	0.98098	TO	0.99386
B	USB	17	0.99656	0.99393	TO	0.99806
B	VHF	4	0.99919	0.99723	TO	0.99977
C	USB	54	0.97307	0.96379	TO	0.98072
C	VHF	5	0.99791	0.99379	TO	0.99930
D		11	0.98383	0.96740	TO	0.99205
E		11	0.98383	0.96740	TO	0.99205
II		40	0.98360	0.97644	TO	0.98862
A		3	0.99923	0.99673	TO	0.99982
B	USB	38	0.98475	0.97786	TO	0.98952
B	VHF	5	0.99809	0.99433	TO	0.99936
C	USB	17	0.99213	0.98613	TO	0.99554
C	VHF	4	0.99919	0.99723	TO	0.99977
D		3	0.99923	0.99673	TO	0.99982
E		3	0.99923	0.99673	TO	0.99982
III		39	0.97424	0.96296	TO	0.98215
A	USB	17	0.99213	0.98613	TO	0.99554
A	VHF	10	0.99100	0.98111	TO	0.99573
B		18	0.98958	0.98198	TO	0.99400
C		17	0.98971	0.98191	TO	0.99417
IV		81	0.94876	0.93396	TO	0.95960
A		21	0.97886	0.96517	TO	0.98724
B		21	0.97896	0.96534	TO	0.98730
C	USB	45	0.98181	0.97442	TO	0.98710
C	UHF	14	0.99240	0.98581	TO	0.99594
D	USB	20	0.97899	0.96494	TO	0.98748
D	UHF	20	0.97899	0.96494	TO	0.98748
E	USB	17	0.99213	0.98613	TO	0.99554
E	UHF	10	0.99100	0.98111	TO	0.99573
F		24	0.97792	0.96481	TO	0.98622
G		20	0.97899	0.96494	TO	0.98748
V		24	0.97573	0.96136	TO	0.98483
A		17	0.99213	0.98613	TO	0.99554
B		3	0.99923	0.99673	TO	0.99982
C		11	0.98282	0.96541	TO	0.99155

SKYLAB MANNED SL2, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE ACN

FUNCT.	-----		SKYLAB		-----	
	#FAIL.	AVAILABILITY	90%	CONFIDENCE	INTERVAL	
I		3	0.99860	0.99403	TO	0.99967
A		1	1.00000	0.99993	TO	1.00000
B USB		1	1.00000	0.99993	TO	1.00000
B VHF		1	0.99951	0.99085	TO	0.99997
C USB		2	0.99909	0.99418	TO	0.99986
C VHF		1	0.99951	0.99085	TO	0.99997
D		1	0.99909	0.98297	TO	0.99995
F		1	0.99909	0.98297	TO	0.99995
II		2	0.99951	0.99688	TO	0.99992
A		0	1.00000	N.A.		N.A.
B USB		1	1.00000	0.99993	TO	1.00000
B VHF		1	0.99951	0.99085	TO	0.99997
C USB		1	1.00000	0.99993	TO	1.00000
C VHF		1	0.99951	0.99085	TO	0.99997
D		0	1.00000	N.A.		N.A.
E		0	1.00000	N.A.		N.A.
III		3	0.95458	0.83080	TO	0.98900
A USB		1	1.00000	0.99993	TO	1.00000
A VHF		2	0.95458	0.76685	TO	0.99261
B		0	1.00000	N.A.		N.A.
C		0	1.00000	N.A.		N.A.
IV		5	0.94948	0.86313	TO	0.98246
A		1	0.99684	0.94323	TO	0.99983
B		1	0.99684	0.94323	TO	0.99983
C USB		2	0.99805	0.98769	TO	0.99969
C UHF		0	1.00000	N.A.		N.A.
D USB		1	0.99684	0.94323	TO	0.99983
D UHF		1	0.99684	0.94323	TO	0.99983
E USB		1	1.00000	0.99993	TO	1.00000
E UHF		2	0.95458	0.76685	TO	0.99261
F		1	0.99684	0.94323	TO	0.99983
G		1	0.99684	0.94323	TO	0.99983
V		1	1.00000	0.99993	TO	1.00000
A		1	1.00000	0.99993	TO	1.00000
B		0	1.00000	N.A.		N.A.
C		0	1.00000	N.A.		N.A.

SKYLAB MANNED SL2, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE BDA

FUNCT.	-----		SKYLAB		-----	
	#FAIL.	AVAILABILITY	90%	CONFIDENCE	INTERVAL	
I	5	0.99015	0.97120	TO	0.99667	
A	0	1.00000	N.A.		N.A.	
B USB	1	0.99885	0.97853	TO	0.99994	
B VHF	0	1.00000	N.A.		N.A.	
C USB	4	0.99130	0.97070	TO	0.99746	
C VHF	0	1.00000	N.A.		N.A.	
D	0	1.00000	N.A.		N.A.	
E	0	1.00000	N.A.		N.A.	
II	3	0.99160	0.96501	TO	0.99802	
A	0	1.00000	N.A.		N.A.	
B USB	3	0.99160	0.96501	TO	0.99802	
B VHF	0	1.00000	N.A.		N.A.	
C USB	0	1.00000	N.A.		N.A.	
C VHF	0	1.00000	N.A.		N.A.	
D	0	1.00000	N.A.		N.A.	
E	0	1.00000	N.A.		N.A.	
III	3	0.96147	0.85361	TO	0.99072	
A USB	0	1.00000	N.A.		N.A.	
A VHF	0	1.00000	N.A.		N.A.	
B	3	0.96147	0.85361	TO	0.99072	
C	3	0.96147	0.85361	TO	0.99072	
IV	7	0.98604	0.96608	TO	0.99432	
A	4	0.99444	0.98112	TO	0.99838	
R	4	0.99444	0.98112	TO	0.99838	
C USB	3	0.99160	0.96501	TO	0.99802	
C UHF	0	1.00000	N.A.		N.A.	
D USB	4	0.99444	0.98112	TO	0.99838	
D UHF	4	0.99444	0.98112	TO	0.99838	
E USB	0	1.00000	N.A.		N.A.	
E UHF	0	1.00000	N.A.		N.A.	
F	4	0.99444	0.98112	TO	0.99838	
G	4	0.99444	0.98112	TO	0.99838	
V	0	1.00000	N.A.		N.A.	
A	0	1.00000	N.A.		N.A.	
B	0	1.00000	N.A.		N.A.	
C	0	1.00000	N.A.		N.A.	

SKYLAB MANNED SL2, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE CRO

FUNCT.	#FAIL.	SKYLAB		CONFIDENCE INTERVAL	
		AVAILABILITY	90%		
I	1	0.99435	0.90261	TO	0.99970
A	1	0.99435	0.90261	TO	0.99970
B USB	1	0.99435	0.90261	TO	0.99970
B VHF	0	1.00000	N.A.		N.A.
C USB	1	0.99435	0.90261	TO	0.99970
C VHF	0	1.00000	N.A.		N.A.
D	0	1.00000	N.A.		N.A.
E	0	1.00000	N.A.		N.A.
II	1	0.99435	0.90261	TO	0.99970
A	0	1.00000	N.A.		N.A.
B USB	1	0.99435	0.90261	TO	0.99970
B VHF	0	1.00000	N.A.		N.A.
C USB	1	0.99435	0.90261	TO	0.99970
C VHF	0	1.00000	N.A.		N.A.
D	0	1.00000	N.A.		N.A.
E	0	1.00000	N.A.		N.A.
III	1	0.99435	0.90261	TO	0.99970
A USB	1	0.99435	0.90261	TO	0.99970
A VHF	0	1.00000	N.A.		N.A.
B	0	1.00000	N.A.		N.A.
C	0	1.00000	N.A.		N.A.
IV	3	0.99394	0.97457	TO	0.99858
A	0	1.00000	N.A.		N.A.
B	0	1.00000	N.A.		N.A.
C USB	1	0.99435	0.90261	TO	0.99970
C UHF	2	0.99959	0.99737	TO	0.99994
D USB	0	1.00000	N.A.		N.A.
D UHF	0	1.00000	N.A.		N.A.
E USB	1	0.99435	0.90261	TO	0.99970
E UHF	0	1.00000	N.A.		N.A.
F	0	1.00000	N.A.		N.A.
G	0	1.00000	N.A.		N.A.
V	2	0.93011	0.67561	TO	0.98838
A	1	0.99435	0.90261	TO	0.99970
B	0	1.00000	N.A.		N.A.
C	1	0.93576	0.43395	TO	0.99640

SKYLAB MANNED SL2, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE CYI

FUNCT.	#FAIL.	AVAILABILITY	SKYLAB	
			90% CONFIDENCE	INTERVAL
I	0	1.00000	N.A.	N.A.
A	0	1.00000	N.A.	N.A.
B USB	0	1.00000	N.A.	N.A.
B VHF	0	1.00000	N.A.	N.A.
C USB	0	1.00000	N.A.	N.A.
C VHF	0	1.00000	N.A.	N.A.
D	0	1.00000	N.A.	N.A.
E	0	1.00000	N.A.	N.A.
II	0	1.00000	N.A.	N.A.
A	0	1.00000	N.A.	N.A.
B USB	0	1.00000	N.A.	N.A.
B VHF	0	1.00000	N.A.	N.A.
C USB	0	1.00000	N.A.	N.A.
C VHF	0	1.00000	N.A.	N.A.
D	0	1.00000	N.A.	N.A.
E	0	1.00000	N.A.	N.A.
III	0	1.00000	N.A.	N.A.
A USB	0	1.00000	N.A.	N.A.
A VHF	0	1.00000	N.A.	N.A.
B	0	1.00000	N.A.	N.A.
C	0	1.00000	N.A.	N.A.
IV	2	0.99532	0.97086	TO 0.99927
A	1	0.99666	0.94015	TO 0.99982
B	1	0.99666	0.94015	TO 0.99982
C USB	0	1.00000	N.A.	N.A.
C UHF	1	0.99866	0.97521	TO 0.99993
D USB	1	0.99666	0.94015	TO 0.99982
D UHF	1	0.99666	0.94015	TO 0.99982
E USB	0	1.00000	N.A.	N.A.
E UHF	0	1.00000	N.A.	N.A.
F	1	0.99666	0.94015	TO 0.99982
G	1	0.99666	0.94015	TO 0.99982
V	1	0.92167	0.38245	TO 0.99555
A	0	1.00000	N.A.	N.A.
B	0	1.00000	N.A.	N.A.
C	1	0.92167	0.38245	TO 0.99555

SKYLAB MANNED SL2, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE GDS

FUNCT.	#FAIL.	SKYLAB		CONFIDENCE INTERVAL		
		AVAILABILITY	90%			
I		10	0.97838	0.95525	TO	0.98968
A		1	0.99095	0.85217	TO	0.99952
B USB		2	0.99082	0.94412	TO	0.99855
B VHF		1	0.99095	0.85217	TO	0.99952
C USB		10	0.97838	0.95525	TO	0.98968
C VHF		1	0.99095	0.85217	TO	0.99952
D		2	0.98986	0.93856	TO	0.99840
E		2	0.98986	0.93856	TO	0.99840
II		6	0.98356	0.95697	TO	0.99382
A		1	0.99095	0.85217	TO	0.99952
B USB		6	0.98356	0.95697	TO	0.99382
B VHF		1	0.99095	0.85217	TO	0.99952
C USB		2	0.99082	0.94412	TO	0.99855
C VHF		1	0.99095	0.85217	TO	0.99952
D		1	0.99095	0.85217	TO	0.99952
F		1	0.99095	0.85217	TO	0.99952
III		3	0.98366	0.93361	TO	0.99613
A USB		2	0.99082	0.94412	TO	0.99855
A VHF		1	0.99095	0.85217	TO	0.99952
B		2	0.98379	0.90473	TO	0.99743
C		2	0.98379	0.90473	TO	0.99743
IV		12	0.96673	0.93620	TO	0.98291
A		3	0.98673	0.94559	TO	0.99687
B		3	0.98673	0.94559	TO	0.99687
C USB		10	0.97094	0.94034	TO	0.98608
C UHF		1	0.99095	0.85217	TO	0.99952
D USB		3	0.98673	0.94559	TO	0.99687
D UHF		3	0.98673	0.94559	TO	0.99687
F USB		2	0.99082	0.94412	TO	0.99855
E UHF		1	0.99095	0.85217	TO	0.99952
F		3	0.98673	0.94559	TO	0.99687
G		3	0.98673	0.94559	TO	0.99687
V		4	0.98085	0.93707	TO	0.99436
A		2	0.99082	0.94412	TO	0.99855
B		1	0.99095	0.85217	TO	0.99952
C		4	0.98085	0.93707	TO	0.99436

SKYLAB MANNED SL2, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE GWM

FUNCT.	-----		SKYLAB		-----	
	#FAIL.	AVAILABILITY	90%	CONFIDENCE	INTERVAL	
I		7	0.99324	0.98341	TO	0.99726
A		2	0.99703	0.98133	TO	0.99953
B	USB	2	0.99703	0.98133	TO	0.99953
B	VHF	1	1.00000	0.99991	TO	1.00000
C	USB	7	0.99324	0.98341	TO	0.99726
C	VHF	1	1.00000	0.99991	TO	1.00000
D		1	1.00000	0.99991	TO	1.00000
E		1	1.00000	0.99991	TO	1.00000
II		4	0.99618	0.98698	TO	0.99889
A		1	1.00000	0.99991	TO	1.00000
B	USB	4	0.99618	0.98698	TO	0.99889
B	VHF	1	1.00000	0.99991	TO	1.00000
C	USB	4	0.99618	0.98698	TO	0.99889
C	VHF	1	1.00000	0.99991	TO	1.00000
D		1	1.00000	0.99991	TO	1.00000
E		1	1.00000	0.99991	TO	1.00000
III		6	0.99490	0.98641	TO	0.99810
A	USB	4	0.99618	0.98698	TO	0.99889
A	VHF	1	1.00000	0.99991	TO	1.00000
B		3	0.99872	0.99455	TO	0.99970
C		3	0.99872	0.99455	TO	0.99970
IV		9	0.93847	0.87295	TO	0.97132
A		3	0.99712	0.98779	TO	0.99933
B		3	0.99712	0.98779	TO	0.99933
C	USB	5	0.99545	0.98656	TO	0.99847
C	UHF	3	0.94589	0.80333	TO	0.98681
D	USB	3	0.99712	0.98779	TO	0.99933
D	UHF	3	0.99712	0.98779	TO	0.99933
F	USB	4	0.99618	0.98698	TO	0.99889
E	UHF	1	1.00000	0.99991	TO	1.00000
F		3	0.99712	0.98779	TO	0.99933
G		3	0.99712	0.98779	TO	0.99933
V		4	0.99618	0.98698	TO	0.99889
A		4	0.99618	0.98698	TO	0.99889
B		1	1.00000	0.99991	TO	1.00000
C		1	1.00000	0.99991	TO	1.00000

SKYLAB MANNED SL2, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE HAW

FUNCT.	#FAIL.	SKYLAB		CONFIDENCE INTERVAL
		AVAILABILITY	90%	
I	9	0.99130	0.98088	TO 0.99606
A	2	0.99775	0.98582	TO 0.99965
B USB	6	0.99224	0.97938	TO 0.99710
B VHF	1	0.99986	0.99732	TO 0.99999
C USB	7	0.99494	0.98754	TO 0.99795
C VHF	1	0.99986	0.99732	TO 0.99999
D	1	0.99986	0.99732	TO 0.99999
E	1	0.99986	0.99732	TO 0.99999
II	7	0.99494	0.98754	TO 0.99795
A	1	0.99986	0.99732	TO 0.99999
B USB	7	0.99494	0.98754	TO 0.99795
B VHF	1	0.99986	0.99732	TO 0.99999
C USB	4	0.99588	0.98596	TO 0.99880
C VHF	1	0.99986	0.99732	TO 0.99999
D	1	0.99986	0.99732	TO 0.99999
E	1	0.99986	0.99732	TO 0.99999
III	7	0.96376	0.91469	TO 0.98506
A USB	4	0.99588	0.98596	TO 0.99880
A VHF	1	0.99986	0.99732	TO 0.99999
B	4	0.96774	0.89712	TO 0.99040
C	4	0.96774	0.89712	TO 0.99040
IV	7	0.99494	0.98754	TO 0.99795
A	1	0.99986	0.99732	TO 0.99999
B	1	0.99986	0.99732	TO 0.99999
C USB	7	0.99494	0.98754	TO 0.99795
C UHF	1	0.99986	0.99732	TO 0.99999
D USB	1	0.99986	0.99732	TO 0.99999
D UHF	1	0.99986	0.99732	TO 0.99999
E USB	4	0.99588	0.98596	TO 0.99880
E UHF	1	0.99986	0.99732	TO 0.99999
F	1	0.99986	0.99732	TO 0.99999
G	1	0.99986	0.99732	TO 0.99999
V	4	0.99588	0.98596	TO 0.99880
A	4	0.99588	0.98596	TO 0.99880
B	1	0.99986	0.99732	TO 0.99999
C	1	0.99986	0.99732	TO 0.99999

SKYLAB MANNFD SL2, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE HSK

FUNCT.	#FAIL.	SKYLAB		CONFIDENCE INTERVAL	
		AVAILABILITY	90%		
I	5	0.93025		0.81736	TO 0.97546
A	2	0.99040		0.94166	TO 0.99849
B USB	1	0.99993		0.99869	TO 1.00000
B VHF	0	1.00000		N.A.	N.A.
C USB	4	0.93978		0.81939	TO 0.98171
C VHF	0	1.00000		N.A.	N.A.
D	0	1.00000		N.A.	N.A.
E	0	1.00000		N.A.	N.A.
II	3	0.94036		0.78651	TO 0.98540
A	0	1.00000		N.A.	N.A.
B USB	3	0.94036		0.78651	TO 0.98540
B VHF	0	1.00000		N.A.	N.A.
C USB	2	0.94273		0.72037	TO 0.99058
C VHF	0	1.00000		N.A.	N.A.
D	0	1.00000		N.A.	N.A.
E	0	1.00000		N.A.	N.A.
III	7	0.91217		0.80724	TO 0.96263
A USB	2	0.94273		0.72037	TO 0.99058
A VHF	4	0.97150		0.90834	TO 0.99154
B	1	0.99794		0.96218	TO 0.99989
C	1	0.99794		0.96218	TO 0.99989
IV	11	0.90096		0.81610	TO 0.94911
A	2	0.99246		0.95371	TO 0.99881
R	2	0.99246		0.95371	TO 0.99881
C USB	3	0.94036		0.78651	TO 0.98540
C UHF	1	0.99870		0.97595	TO 0.99993
D USB	2	0.99246		0.95371	TO 0.99881
D UHF	2	0.99246		0.95371	TO 0.99881
E USB	2	0.94273		0.72037	TO 0.99058
E UHF	4	0.97150		0.90834	TO 0.99154
F	3	0.99040		0.96016	TO 0.99774
G	2	0.99246		0.95371	TO 0.99881
V	2	0.94273		0.72037	TO 0.99058
A	2	0.94273		0.72037	TO 0.99058
B	0	1.00000		N.A.	N.A.
C	0	1.00000		N.A.	N.A.

SKYLAB MANNED SL2, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE MAD

FUNCTIONS, (DUAL) SITE MAD		SKYLAB		CONFIDENCE INTERVAL	
FUNCT.	#FAIL.	AVAILABILITY	90%		
I		8	0.94342	0.87740	TO 0.97491
A		2	0.99706	0.98153	TO 0.99954
B	USB	1	0.99860	0.97412	TO 0.99993
B	VHF	0	1.00000	N.A.	N.A.
C	USB	7	0.94496	0.87378	TO 0.97705
C	VHF	0	1.00000	N.A.	N.A.
D		0	1.00000	N.A.	N.A.
F		0	1.00000	N.A.	N.A.
II		6	0.94516	0.86500	TO 0.97889
A		0	1.00000	N.A.	N.A.
B	USB	6	0.94516	0.86500	TO 0.97889
B	VHF	0	1.00000	N.A.	N.A.
C	USB	1	0.99860	0.97412	TO 0.99993
C	VHF	0	1.00000	N.A.	N.A.
D		0	1.00000	N.A.	N.A.
E		0	1.00000	N.A.	N.A.
III		3	0.98929	0.95573	TO 0.99748
A	USB	1	0.99860	0.97412	TO 0.99993
A	VHF	0	1.00000	N.A.	N.A.
B		2	0.99069	0.94335	TO 0.99853
C		1	0.99223	0.87045	TO 0.99959
IV		8	0.93585	0.86228	TO 0.97142
A		1	0.99846	0.97155	TO 0.99992
B		0	1.00000	N.A.	N.A.
C	USB	6	0.94516	0.86500	TO 0.97889
C	UHF	0	1.00000	N.A.	N.A.
D	USB	0	1.00000	N.A.	N.A.
D	UHF	0	1.00000	N.A.	N.A.
F	USB	1	0.99860	0.97412	TO 0.99993
F	UHF	0	1.00000	N.A.	N.A.
F		2	0.99069	0.94335	TO 0.99853
G		0	1.00000	N.A.	N.A.
V		2	0.98537	0.91333	TO 0.99768
A		1	0.99860	0.97412	TO 0.99993
B		0	1.00000	N.A.	N.A.
C		1	0.98676	0.79689	TO 0.99929

SKYLAB MANNED SL2, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE MIL

FUNCT.	#FAIL.	AVAILABILITY	SKYLAB 90% CONFIDENCE INTERVAL		
I	9	0.90392	0.80908	TO	0.95431
A	5	0.91370	0.78035	TO	0.96928
B USB	1	0.99806	0.96433	TO	0.99990
B VHF	0	1.00000	N.A.		N.A.
C USB	7	0.76970	0.92808	TO	0.98756
C VHF	1	0.98458	0.77064	TO	0.99918
D	4	0.92586	0.78403	TO	0.97725
E	4	0.92586	0.78403	TO	0.97725
II	5	0.97838	0.93823	TO	0.99264
A	0	1.00000	N.A.		N.A.
B USB	4	0.99162	0.97175	TO	0.99755
B VHF	1	0.98676	0.79689	TO	0.99929
C USB	1	0.99806	0.96433	TO	0.99990
C VHF	0	1.00000	N.A.		N.A.
D	0	1.00000	N.A.		N.A.
E	0	1.00000	N.A.		N.A.
III	2	0.98263	0.89853	TO	0.99724
A USB	1	0.99806	0.96433	TO	0.99990
A VHF	0	1.00000	N.A.		N.A.
B	1	0.98458	0.77064	TO	0.99918
C	1	0.98458	0.77064	TO	0.99918
IV	11	0.78607	0.64182	TO	0.88277
A	4	0.80066	0.53865	TO	0.93251
B	4	0.80066	0.53865	TO	0.93251
C USB	5	0.97620	0.93226	TO	0.99188
C UHF	5	0.97517	0.92946	TO	0.99153
D USB	4	0.80066	0.53865	TO	0.93251
D UHF	4	0.80066	0.53865	TO	0.93251
E USB	1	0.99806	0.96433	TO	0.99990
E UHF	0	1.00000	N.A.		N.A.
F	4	0.80066	0.53865	TO	0.93251
G	4	0.80066	0.53865	TO	0.93251
V	2	0.97462	0.85733	TO	0.99594
A	1	0.99806	0.96433	TO	0.99990
B	0	1.00000	N.A.		N.A.
C	1	0.97656	0.68681	TO	0.99874

SKYLAR MANNED SL2, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE TEX

FUNCT.	-----		SKYLAR		-----	
	#FAIL.	AVAILABILITY	90%	CONFIDENCE	INTERVAL	
I		2	0.96384	0.80664	TO	0.99416
A		0	1.00000	N.A.		N.A.
B USB		0	1.00000	N.A.		N.A.
B VHF		0	1.00000	N.A.		N.A.
C USB		2	0.96384	0.80664	TO	0.99416
C VHF		0	1.00000	N.A.		N.A.
D		1	0.96611	0.60007	TO	0.99816
E		1	0.96611	0.60007	TO	0.99816
II		1	0.99773	0.95862	TO	0.99988
A		0	1.00000	N.A.		N.A.
B USB		1	0.99773	0.95862	TO	0.99988
B VHF		0	1.00000	N.A.		N.A.
C USB		0	1.00000	N.A.		N.A.
C VHF		0	1.00000	N.A.		N.A.
D		0	1.00000	N.A.		N.A.
E		0	1.00000	N.A.		N.A.
III		0	1.00000	N.A.		N.A.
A USB		0	1.00000	N.A.		N.A.
A VHF		0	1.00000	N.A.		N.A.
B		0	1.00000	N.A.		N.A.
C		0	1.00000	N.A.		N.A.
IV		2	0.98082	0.88892	TO	0.99695
A		1	0.98309	0.75365	TO	0.99910
B		1	0.98309	0.75365	TO	0.99910
C USB		1	0.99773	0.95862	TO	0.99988
C UHF		0	1.00000	N.A.		N.A.
D USB		1	0.98309	0.75365	TO	0.99910
D UHF		1	0.98309	0.75365	TO	0.99910
E USB		0	1.00000	N.A.		N.A.
E UHF		0	1.00000	N.A.		N.A.
F		1	0.98309	0.75365	TO	0.99910
G		1	0.98309	0.75365	TO	0.99910
V		0	1.00000	N.A.		N.A.
A		0	1.00000	N.A.		N.A.
B		0	1.00000	N.A.		N.A.
C		0	1.00000	N.A.		N.A.

SKYLAB MANNED SL2, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE VAN

FUNCTIONS, (DUAL) SITE VAN		SKYLAB		CONFIDENCE INTERVAL	
FUNCT.	#FAIL.	AVAILABILITY	90%		
I		3	0.90665	0.69412	TO 0.97651
A		1	0.98888	0.82402	TO 0.99941
B	USB	1	0.98888	0.82402	TO 0.99941
B	VHF	0	1.00000	N.A.	N.A.
C	USB	3	0.90665	0.69412	TO 0.97651
C	VHF	0	1.00000	N.A.	N.A.
D		1	0.92517	0.39421	TO 0.99576
E		1	0.92517	0.39421	TO 0.99576
II		2	0.98148	0.89238	TO 0.99706
A		0	1.00000	N.A.	N.A.
B	USB	2	0.98148	0.89238	TO 0.99706
B	VHF	0	1.00000	N.A.	N.A.
C	USB	1	0.98888	0.82402	TO 0.99941
C	VHF	0	1.00000	N.A.	N.A.
D		0	1.00000	N.A.	N.A.
F		0	1.00000	N.A.	N.A.
III		4	0.95403	0.85781	TO 0.98619
A	USB	1	0.98888	0.82402	TO 0.99941
A	VHF	1	0.97510	0.67336	TO 0.99866
B		2	0.99004	0.93961	TO 0.99843
C		2	0.99004	0.93961	TO 0.99843
IV		4	0.95059	0.84831	TO 0.98511
A		0	1.00000	N.A.	N.A.
B		1	0.99970	0.99426	TO 0.99998
C	USB	2	0.97694	0.86893	TO 0.99632
C	UHF	0	1.00000	N.A.	N.A.
D	USB	0	1.00000	N.A.	N.A.
D	UHF	0	1.00000	N.A.	N.A.
E	USB	1	0.98888	0.82402	TO 0.99941
E	UHF	1	0.97510	0.67336	TO 0.99866
F		1	0.99854	0.97302	TO 0.99992
G		0	1.00000	N.A.	N.A.
V		2	0.98129	0.89142	TO 0.99703
A		1	0.98888	0.82402	TO 0.99941
B		0	1.00000	N.A.	N.A.
C		1	0.99241	0.87312	TO 0.99960

II. MTBF

A. Preflight

SKYLAB PREFLIGHT

COMPUTATIONS FOR FUNCTIONS, ALL SITES COMBINED

PUNCT.	#FAIL.	MTBF	90% CONFIDENCE INTERVAL		
I	13	276.95	185.18	TO	468.22
A	6	610.98	348.70	TO	1402.95
B USB	4	915.61	472.36	TO	2680.17
B VHF	5	720.79	393.72	TO	1829.42
C USB	5	733.18	400.49	TO	1860.87
C VHF	7	514.85	304.32	TO	1096.92
D	5	733.18	400.49	TO	1860.87
E	6	610.98	348.70	TO	1402.95
II	5	720.79	393.72	TO	1829.42
A	2	1832.98	772.76	TO	10312.15
B USB	2	1832.98	772.76	TO	10312.15
B VHF	5	720.79	393.72	TO	1829.42
C USB	2	1832.98	772.76	TO	10312.15
C VHF	5	720.79	393.72	TO	1829.42
D	2	1832.98	772.76	TO	10312.15
E	2	1832.98	772.76	TO	10312.15
III	20	180.12	129.22	TO	271.81
A USB	2	1832.98	772.76	TO	10312.15
A VHF	8	450.49	274.10	TO	905.28
B	13	281.88	188.48	TO	476.55
C	14	261.74	177.30	TO	432.94
IV	28	113.38	85.26	TO	159.53
A	10	356.53	227.02	TO	657.15
B	12	295.58	194.81	TO	512.28
C USB	7	522.20	308.67	TO	1112.59
C UHF	9	372.26	232.10	TO	713.59
D USB	10	356.53	227.02	TO	657.15
D UHF	10	356.53	227.02	TO	657.15
E USB	2	1832.98	772.76	TO	10312.15
E UHF	8	450.49	274.10	TO	905.28
F	17	209.72	146.72	TO	329.17
G	11	324.12	210.20	TO	577.94
V	6	598.66	341.67	TO	1374.64
A	2	1832.98	772.76	TO	10312.15
B	3	1197.33	570.52	TO	4393.87
C	5	733.18	400.49	TO	1860.87

SKYLAB PREFLIGHT

FUNCTIONS, (DUAL) SITE ACN

FUNCT.	#FAIL.	MTBF	SKYLAB			
			90%	CONFIDENCE	INTERVAL	
I		2	130.74	55.12	TO	735.54
A		0	N.A.	101.83	TO	'INFINITY'
B USB		0	N.A.	101.83	TO	'INFINITY'
B VHF		2	130.74	55.12	TO	735.54
C USB		0	N.A.	101.83	TO	'INFINITY'
C VHF		2	130.74	55.12	TO	735.54
D		0	N.A.	101.83	TO	'INFINITY'
E		0	N.A.	101.83	TO	'INFINITY'
II		2	130.74	55.12	TO	735.54
A		0	N.A.	101.83	TO	'INFINITY'
B USB		0	N.A.	101.83	TO	'INFINITY'
B VHF		2	130.74	55.12	TO	735.54
C USB		0	N.A.	101.83	TO	'INFINITY'
C VHF		2	130.74	55.12	TO	735.54
D		0	N.A.	101.83	TO	'INFINITY'
E		0	N.A.	101.83	TO	'INFINITY'
III		3	87.16	41.53	TO	319.84
A USB		0	N.A.	101.83	TO	'INFINITY'
A VHF		2	130.74	55.12	TO	735.54
B		1	305.48	101.98	TO	5931.74
C		1	305.48	101.98	TO	5931.74
IV		3	77.74	37.04	TO	285.28
A		0	N.A.	101.83	TO	'INFINITY'
B		0	N.A.	101.83	TO	'INFINITY'
C USB		0	N.A.	101.83	TO	'INFINITY'
C UHF		2	130.70	55.10	TO	735.30
D USB		0	N.A.	101.83	TO	'INFINITY'
D UHF		0	N.A.	101.83	TO	'INFINITY'
E USB		0	N.A.	101.83	TO	'INFINITY'
E UHF		2	130.74	55.12	TO	735.54
F		1	305.48	101.98	TO	5931.74
G		0	N.A.	101.83	TO	'INFINITY'
V		1	231.52	77.29	TO	4495.45
A		0	N.A.	101.83	TO	'INFINITY'
B		1	231.52	77.29	TO	4495.45
C		0	N.A.	101.83	TO	'INFINITY'

SKYLAB PREPLIGHT

FUNCTIONS, (DUAL) SITE BDA

-----			SKYLAB	-----		
FUNCT.	#FAIL.	MTBF	90% CONFIDENCE INTERVAL			
I	0		N.A.	101.83	TO	'INFINITY'
A	0		N.A.	101.83	TO	'INFINITY'
B USB	0		N.A.	101.83	TO	'INFINITY'
B VHF	0		N.A.	101.83	TO	'INFINITY'
C USB	0		N.A.	101.83	TO	'INFINITY'
C VHF	0		N.A.	101.83	TO	'INFINITY'
D	0		N.A.	101.83	TO	'INFINITY'
E	0		N.A.	101.83	TO	'INFINITY'
II	0		N.A.	101.83	TO	'INFINITY'
A	0		N.A.	101.83	TO	'INFINITY'
B USB	0		N.A.	101.83	TO	'INFINITY'
B VHF	0		N.A.	101.83	TO	'INFINITY'
C USB	0		N.A.	101.83	TO	'INFINITY'
C VHF	0		N.A.	101.83	TO	'INFINITY'
D	0		N.A.	101.83	TO	'INFINITY'
E	0		N.A.	101.83	TO	'INFINITY'
III	1		305.48	101.98	TO	5931.74
A USB	0		N.A.	101.83	TO	'INFINITY'
A VHF	0		N.A.	101.83	TO	'INFINITY'
B	1		305.48	101.98	TO	5931.74
C	1		305.48	101.98	TO	5931.74
IV	1		305.48	101.98	TO	5931.74
A	0		N.A.	101.83	TO	'INFINITY'
B	0		N.A.	101.83	TO	'INFINITY'
C USB	0		N.A.	101.83	TO	'INFINITY'
C UHF	0		N.A.	101.83	TO	'INFINITY'
D USB	0		N.A.	101.83	TO	'INFINITY'
D UHF	0		N.A.	101.83	TO	'INFINITY'
E USB	0		N.A.	101.83	TO	'INFINITY'
E UHF	0		N.A.	101.83	TO	'INFINITY'
F	1		305.48	101.98	TO	5931.74
G	0		N.A.	101.83	TO	'INFINITY'
V	1		305.48	101.98	TO	5931.74
A	0		N.A.	101.83	TO	'INFINITY'
B	0		N.A.	101.83	TO	'INFINITY'
C	1		305.48	101.98	TO	5931.74

SKYLAB PREFLIGHT

FUNCTIONS, (DUAL) SITE CRO

FUNCT.	#FAIL.	MTBF	SKYLAB			
			90% CONFIDENCE INTERVAL			
I		2	150.99	63.66	TO	849.46
A		0	N.A.	101.83	TO	'INFINITY'
B USB		1	302.00	100.82	TO	5864.08
B VHF		0	N.A.	101.83	TO	'INFINITY'
C USB		0	N.A.	101.83	TO	'INFINITY'
C VHF		0	N.A.	101.83	TO	'INFINITY'
D		0	N.A.	101.83	TO	'INFINITY'
E		1	305.48	101.98	TO	5931.74
II		0	N.A.	101.83	TO	'INFINITY'
A		0	N.A.	101.83	TO	'INFINITY'
B USB		0	N.A.	101.83	TO	'INFINITY'
B VHF		0	N.A.	101.83	TO	'INFINITY'
C USB		0	N.A.	101.83	TO	'INFINITY'
C VHF		0	N.A.	101.83	TO	'INFINITY'
D		0	N.A.	101.83	TO	'INFINITY'
E		0	N.A.	101.83	TO	'INFINITY'
III		1	305.48	101.98	TO	5931.74
A USB		0	N.A.	101.83	TO	'INFINITY'
A VHF		0	N.A.	101.83	TO	'INFINITY'
B		0	N.A.	101.83	TO	'INFINITY'
C		1	305.48	101.98	TO	5931.74
IV		1	34.00	11.35	TO	660.19
A		0	N.A.	101.83	TO	'INFINITY'
B		0	N.A.	101.83	TO	'INFINITY'
C USB		0	N.A.	101.83	TO	'INFINITY'
C UHF		1	34.00	11.35	TO	660.19
D USB		0	N.A.	101.83	TO	'INFINITY'
D UHF		0	N.A.	101.83	TO	'INFINITY'
E USB		0	N.A.	101.83	TO	'INFINITY'
E UHF		0	N.A.	101.83	TO	'INFINITY'
F		0	N.A.	101.83	TO	'INFINITY'
G		1	305.48	101.98	TO	5931.74
V		0	N.A.	101.83	TO	'INFINITY'
A		0	N.A.	101.83	TO	'INFINITY'
B		0	N.A.	101.83	TO	'INFINITY'
C		0	N.A.	101.83	TO	'INFINITY'

SKYLAB PREFLIGHT

FUNCTIONS, (DUAL) SITE CYI

FUNCT.	-----		SKYLAB -----			
	#FAIL.	MTBF	90%	CONFIDENCE	INTERVAL	
I		1	305.48	101.98	TO	5931.74
A		1	305.48	101.98	TO	5931.74
B	USB	1	305.48	101.98	TO	5931.74
B	VHF	1	305.48	101.98	TO	5931.74
C	USB	1	305.48	101.98	TO	5931.74
C	VHF	1	305.48	101.98	TO	5931.74
D		1	305.48	101.98	TO	5931.74
E		1	305.48	101.98	TO	5931.74
II		1	305.48	101.98	TO	5931.74
A		1	305.48	101.98	TO	5931.74
B	USB	1	305.48	101.98	TO	5931.74
B	VHF	1	305.48	101.98	TO	5931.74
C	USB	1	305.48	101.98	TO	5931.74
C	VHF	1	305.48	101.98	TO	5931.74
D		1	305.48	101.98	TO	5931.74
E		1	305.48	101.98	TO	5931.74
III		1	305.48	101.98	TO	5931.74
A	USB	1	305.48	101.98	TO	5931.74
A	VHF	1	305.48	101.98	TO	5931.74
B		1	305.48	101.98	TO	5931.74
C		1	305.48	101.98	TO	5931.74
IV		2	152.07	64.11	TO	855.55
A		1	305.48	101.98	TO	5931.74
B		2	152.07	64.11	TO	855.55
C	USB	1	305.48	101.98	TO	5931.74
C	UHF	1	305.48	101.98	TO	5931.74
D	USB	1	305.48	101.98	TO	5931.74
D	UHF	1	305.48	101.98	TO	5931.74
E	USB	1	305.48	101.98	TO	5931.74
E	UHF	1	305.48	101.98	TO	5931.74
F		1	305.48	101.98	TO	5931.74
G		1	305.48	101.98	TO	5931.74
V		1	305.48	101.98	TO	5931.74
A		1	305.48	101.98	TO	5931.74
B		1	305.48	101.98	TO	5931.74
C		1	305.48	101.98	TO	5931.74

SKYLAB PREFLIGHT

FUNCTIONS, (DUAL) SITE GDS

FUNCT.	#FAIL.	MTRF	SKYLAB			
			90% CONFIDENCE INTERVAL			
I	0		N.A.	101.83	TO	'INFINITY'
A	0		N.A.	101.83	TO	'INFINITY'
B USB	0		N.A.	101.83	TO	'INFINITY'
B VHF	0		N.A.	101.83	TO	'INFINITY'
C USB	0		N.A.	101.83	TO	'INFINITY'
C VHF	0		N.A.	101.83	TO	'INFINITY'
D	0		N.A.	101.83	TO	'INFINITY'
E	0		N.A.	101.83	TO	'INFINITY'
II	0		N.A.	101.83	TO	'INFINITY'
A	0		N.A.	101.83	TO	'INFINITY'
B USB	0		N.A.	101.83	TO	'INFINITY'
B VHF	0		N.A.	101.83	TO	'INFINITY'
C USB	0		N.A.	101.83	TO	'INFINITY'
C VHF	0		N.A.	101.83	TO	'INFINITY'
D	0		N.A.	101.83	TO	'INFINITY'
E	0		N.A.	101.83	TO	'INFINITY'
III	5		60.81	33.22	TO	154.35
A USB	0		N.A.	101.83	TO	'INFINITY'
A VHF	3		101.82	48.52	TO	373.64
B	2		152.06	64.11	TO	855.46
C	2		152.06	64.11	TO	855.46
IV	6		48.98	27.95	TO	112.47
A	2		152.22	64.17	TO	856.36
B	2		152.22	64.17	TO	856.36
C USB	1		295.00	98.48	TO	5728.16
C UHF	1		305.48	101.98	TO	5931.74
D USB	2		152.22	64.17	TO	856.36
D UHF	2		152.22	64.17	TO	856.36
E USB	0		N.A.	101.83	TO	'INFINITY'
E UHF	3		101.82	48.52	TO	373.64
F	3		101.47	48.35	TO	372.38
G	2		152.22	64.17	TO	856.36
V	1		305.48	101.98	TO	5931.74
A	0		N.A.	101.83	TO	'INFINITY'
B	0		N.A.	101.83	TO	'INFINITY'
C	1		305.48	101.98	TO	5931.74

SKYLAB PREFLIGHT

FUNCTIONS, (DUAL) SITE GWM

FUNCT.	#FAIL.	MTBF	SKYLAB		
			90% CONFIDENCE	INTERVAL	
I		1	305.48	101.98	TO 5931.74
A		1	305.48	101.98	TO 5931.74
B USB		0	N.A.	101.83	TO 'INFINITY'
B VHF		0	N.A.	101.83	TO 'INFINITY'
C USB		1	305.48	101.98	TO 5931.74
C VHF		1	305.48	101.98	TO 5931.74
D		1	305.48	101.98	TO 5931.74
E		1	305.48	101.98	TO 5931.74
II		0	N.A.	101.83	TO 'INFINITY'
A		0	N.A.	101.83	TO 'INFINITY'
B USB		0	N.A.	101.83	TO 'INFINITY'
B VHF		0	N.A.	101.83	TO 'INFINITY'
C USB		0	N.A.	101.83	TO 'INFINITY'
C VHF		0	N.A.	101.83	TO 'INFINITY'
D		0	N.A.	101.83	TO 'INFINITY'
E		0	N.A.	101.83	TO 'INFINITY'
III		2	152.73	64.39	TO 859.27
A USB		0	N.A.	101.83	TO 'INFINITY'
A VHF		0	N.A.	101.83	TO 'INFINITY'
B		2	152.73	64.39	TO 859.27
C		2	152.73	64.39	TO 859.27
IV		3	101.82	48.52	TO 373.64
A		2	152.73	64.39	TO 859.27
B		2	152.73	64.39	TO 859.27
C USB		1	305.48	101.98	TO 5931.74
C UHF		1	305.48	101.98	TO 5931.74
D USB		2	152.73	64.39	TO 859.27
D UHF		2	152.73	64.39	TO 859.27
E USB		0	N.A.	101.83	TO 'INFINITY'
E UHF		0	N.A.	101.83	TO 'INFINITY'
F		3	101.82	48.52	TO 373.64
G		2	152.73	64.39	TO 859.27
V		0	N.A.	101.83	TO 'INFINITY'
A		0	N.A.	101.83	TO 'INFINITY'
B		0	N.A.	101.83	TO 'INFINITY'
C		0	N.A.	101.83	TO 'INFINITY'

SKYLAB PREFLIGHT

FUNCTIONS, (DUAL) SITE HAW

FUNCTIONS, (DUAL) SITE HAW		SKYLAB				
PUNCT.	#FAIL.	MTBF	90% CONFIDENCE INTERVAL			
I		1	305.48	101.98	TO	5931.74
A		0	N.A.	101.83	TO	'INFINITY'
B	USB	0	N.A.	101.83	TO	'INFINITY'
B	VHF	0	N.A.	101.83	TO	'INFINITY'
C	USB	1	305.48	101.98	TO	5931.74
C	VHF	0	N.A.	101.83	TO	'INFINITY'
D		0	N.A.	101.83	TO	'INFINITY'
F		0	N.A.	101.83	TO	'INFINITY'
II		0	N.A.	101.83	TO	'INFINITY'
A		0	N.A.	101.83	TO	'INFINITY'
B	USB	0	N.A.	101.83	TO	'INFINITY'
B	VHF	0	N.A.	101.83	TO	'INFINITY'
C	USB	0	N.A.	101.83	TO	'INFINITY'
C	VHF	0	N.A.	101.83	TO	'INFINITY'
D		0	N.A.	101.83	TO	'INFINITY'
F		0	N.A.	101.83	TO	'INFINITY'
III		0	N.A.	101.83	TO	'INFINITY'
A	USB	0	N.A.	101.83	TO	'INFINITY'
A	VHF	0	N.A.	101.83	TO	'INFINITY'
B		0	N.A.	101.83	TO	'INFINITY'
C		0	N.A.	101.83	TO	'INFINITY'
IV		0	N.A.	101.83	TO	'INFINITY'
A		0	N.A.	101.83	TO	'INFINITY'
B		0	N.A.	101.83	TO	'INFINITY'
C	USB	0	N.A.	101.83	TO	'INFINITY'
C	UHF	0	N.A.	101.83	TO	'INFINITY'
D	USB	0	N.A.	101.83	TO	'INFINITY'
D	UHF	0	N.A.	101.83	TO	'INFINITY'
E	USB	0	N.A.	101.83	TO	'INFINITY'
E	UHF	0	N.A.	101.83	TO	'INFINITY'
F		0	N.A.	101.83	TO	'INFINITY'
G		0	N.A.	101.83	TO	'INFINITY'
V		1	305.48	101.98	TO	5931.74
A		0	N.A.	101.83	TO	'INFINITY'
B		0	N.A.	101.83	TO	'INFINITY'
C		1	305.48	101.98	TO	5931.74

SKYLAR PREFLIGHT

FUNCTIONS, (DUAL) SITE HSK

PUNCT.	-----		SKYLAR -----			
	#FAIL.	MTBF	90% CONFIDENCE	INTERVAL		
I		1	305.48	101.98	TO	5931.74
A		1	305.48	101.98	TO	5931.74
P USB		0	N.A.	101.83	TO	'INFINITY'
B VHP		0	N.A.	101.83	TO	'INFINITY'
C USB		0	N.A.	101.83	TO	'INFINITY'
C VHP		0	N.A.	101.83	TO	'INFINITY'
D		0	N.A.	101.83	TO	'INFINITY'
E		0	N.A.	101.83	TO	'INFINITY'
II		0	N.A.	101.83	TO	'INFINITY'
A		0	N.A.	101.83	TO	'INFINITY'
P USB		0	N.A.	101.83	TO	'INFINITY'
B VHP		0	N.A.	101.83	TO	'INFINITY'
C USB		0	N.A.	101.83	TO	'INFINITY'
C VHP		0	N.A.	101.83	TO	'INFINITY'
D		0	N.A.	101.83	TO	'INFINITY'
E		0	N.A.	101.83	TO	'INFINITY'
III		0	N.A.	101.83	TO	'INFINITY'
A USB		0	N.A.	101.83	TO	'INFINITY'
A VHP		0	N.A.	101.83	TO	'INFINITY'
B		0	N.A.	101.83	TO	'INFINITY'
C		0	N.A.	101.83	TO	'INFINITY'
IV		0	N.A.	101.83	TO	'INFINITY'
A		0	N.A.	101.83	TO	'INFINITY'
B		0	N.A.	101.83	TO	'INFINITY'
C USB		0	N.A.	101.83	TO	'INFINITY'
C UHP		0	N.A.	101.83	TO	'INFINITY'
D USB		0	N.A.	101.83	TO	'INFINITY'
D UHP		0	N.A.	101.83	TO	'INFINITY'
E USB		0	N.A.	101.83	TO	'INFINITY'
E UHP		0	N.A.	101.83	TO	'INFINITY'
F		0	N.A.	101.83	TO	'INFINITY'
G		0	N.A.	101.83	TO	'INFINITY'
V		0	N.A.	101.83	TO	'INFINITY'
A		0	N.A.	101.83	TO	'INFINITY'
B		0	N.A.	101.83	TO	'INFINITY'
C		0	N.A.	101.83	TO	'INFINITY'

SKYLAB PREFLIGHT

FUNCTIONS, (DUAL) SITE MAD

FUNCT.	-----		SKYLAB	-----		
	#FAIL.	MTBF	90% CONFIDENCE INTERVAL			
I		1	305.48	101.98	TO	5931.74
A		1	305.48	101.98	TO	5931.74
B USB		1	305.48	101.98	TO	5931.74
B VHF		1	305.48	101.98	TO	5931.74
C USB		1	305.48	101.98	TO	5931.74
C VHF		1	305.48	101.98	TO	5931.74
D		1	305.48	101.98	TO	5931.74
E		1	305.48	101.98	TO	5931.74
II		1	305.48	101.98	TO	5931.74
A		1	305.48	101.98	TO	5931.74
B USB		1	305.48	101.98	TO	5931.74
B VHF		1	305.48	101.98	TO	5931.74
C USB		1	305.48	101.98	TO	5931.74
C VHF		1	305.48	101.98	TO	5931.74
D		1	305.48	101.98	TO	5931.74
E		1	305.48	101.98	TO	5931.74
III		2	152.73	64.39	TO	859.27
A USB		1	305.48	101.98	TO	5931.74
A VHF		1	305.48	101.98	TO	5931.74
B		2	152.73	64.39	TO	859.27
C		2	152.73	64.39	TO	859.27
IV		4	72.11	37.20	TO	211.09
A		2	152.73	64.39	TO	859.27
B		3	96.16	45.82	TO	352.87
C USB		1	305.48	101.98	TO	5931.74
C UHF		1	305.48	101.98	TO	5931.74
D USB		2	152.73	64.39	TO	859.27
D UHF		2	152.73	64.39	TO	859.27
E USB		1	305.48	101.98	TO	5931.74
E UHF		1	305.48	101.98	TO	5931.74
F		3	101.82	48.52	TO	373.64
G		2	152.73	64.39	TO	859.27
V		1	305.48	101.98	TO	5931.74
A		1	305.48	101.98	TO	5931.74
B		1	305.48	101.98	TO	5931.74
C		1	305.48	101.98	TO	5931.74

SKYLAB PREFLIGHT

FUNCTIONS, (DUAL) SITE MIL

FUNCTIONS, (DUAL) SITE MIL		SKYLAB 90% CONFIDENCE INTERVAL				
FUNCT.	#FAIL.	MTBF				
I		0	N.A.	101.83	TO	'INFINITY'
A		0	N.A.	101.83	TO	'INFINITY'
B USB		0	N.A.	101.83	TO	'INFINITY'
B VHF		0	N.A.	101.83	TO	'INFINITY'
C USB		0	N.A.	101.83	TO	'INFINITY'
C VHF		0	N.A.	101.83	TO	'INFINITY'
D		0	N.A.	101.83	TO	'INFINITY'
E		0	N.A.	101.83	TO	'INFINITY'
II		0	N.A.	101.83	TO	'INFINITY'
A		0	N.A.	101.83	TO	'INFINITY'
B USB		0	N.A.	101.83	TO	'INFINITY'
B VHF		0	N.A.	101.83	TO	'INFINITY'
C USB		0	N.A.	101.83	TO	'INFINITY'
C VHF		0	N.A.	101.83	TO	'INFINITY'
D		0	N.A.	101.83	TO	'INFINITY'
E		0	N.A.	101.83	TO	'INFINITY'
III		1	305.48	101.98	TO	5931.74
A USB		0	N.A.	101.83	TO	'INFINITY'
A VHF		0	N.A.	101.83	TO	'INFINITY'
B		1	305.48	101.98	TO	5931.74
C		1	305.48	101.98	TO	5931.74
IV		0	N.A.	101.83	TO	'INFINITY'
A		0	N.A.	101.83	TO	'INFINITY'
B		0	N.A.	101.83	TO	'INFINITY'
C USB		0	N.A.	101.83	TO	'INFINITY'
C UHF		0	N.A.	101.83	TO	'INFINITY'
D USB		0	N.A.	101.83	TO	'INFINITY'
D UHF		0	N.A.	101.83	TO	'INFINITY'
E USB		0	N.A.	101.83	TO	'INFINITY'
E UHF		0	N.A.	101.83	TO	'INFINITY'
F		0	N.A.	101.83	TO	'INFINITY'
G		0	N.A.	101.83	TO	'INFINITY'
V		0	N.A.	101.83	TO	'INFINITY'
A		0	N.A.	101.83	TO	'INFINITY'
B		0	N.A.	101.83	TO	'INFINITY'
C		0	N.A.	101.83	TO	'INFINITY'

SKYLAB PREFLIGHT

FUNCTIONS, (DUAL) SITE TEX

FUNCT.	#FAIL.	MTBF	SKYLAB	90% CONFIDENCE INTERVAL
I	2	152.73	64.39	TO 859.27
A	2	152.73	64.39	TO 859.27
B USB	0	N.A.	101.83	TO 'INFINITY'
B VHF	0	N.A.	101.83	TO 'INFINITY'
C USB	1	305.48	101.98	TO 5931.74
C VHF	1	305.48	101.98	TO 5931.74
D	2	152.73	64.39	TO 859.27
E	2	152.73	64.39	TO 859.27
II	0	N.A.	101.83	TO 'INFINITY'
A	0	N.A.	101.83	TO 'INFINITY'
B USB	0	N.A.	101.83	TO 'INFINITY'
B VHF	0	N.A.	101.83	TO 'INFINITY'
C USB	0	N.A.	101.83	TO 'INFINITY'
C VHF	0	N.A.	101.83	TO 'INFINITY'
D	0	N.A.	101.83	TO 'INFINITY'
E	0	N.A.	101.83	TO 'INFINITY'
III	3	101.82	48.52	TO 373.64
A USB	0	N.A.	101.83	TO 'INFINITY'
A VHF	0	N.A.	101.83	TO 'INFINITY'
B	3	101.82	48.52	TO 373.64
C	3	101.82	48.52	TO 373.64
IV	4	65.61	33.85	TO 192.06
A	2	131.24	55.33	TO 738.35
B	2	131.24	55.33	TO 738.35
C USB	1	305.48	101.98	TO 5931.74
C UHF	2	152.73	64.39	TO 859.27
D USB	2	131.24	55.33	TO 738.35
D UHF	2	131.24	55.33	TO 738.35
E USB	0	N.A.	101.83	TO 'INFINITY'
E UHF	0	N.A.	101.83	TO 'INFINITY'
F	4	65.61	33.85	TO 192.06
G	2	131.24	55.33	TO 738.35
V	0	N.A.	101.83	TO 'INFINITY'
A	0	N.A.	101.83	TO 'INFINITY'
B	0	N.A.	101.83	TO 'INFINITY'
C	0	N.A.	101.83	TO 'INFINITY'

SKYLAB PREFLIGHT

FUNCTIONS, (DUAL) SITE VAN

FUNCT.	#FAIL.	MTBF	SKYLAB			
			90% CONFIDENCE INTERVAL			
I		2	143.74	60.60	TO	808.68
A		0	N.A.	101.83	TO	'INFINITY'
B USB		1	305.48	101.98	TO	5931.74
B VHF		1	287.50	95.98	TO	5582.53
C USB		0	N.A.	101.83	TO	'INFINITY'
C VHF		1	287.50	95.98	TO	5582.53
D		0	N.A.	101.83	TO	'INFINITY'
E		0	N.A.	101.83	TO	'INFINITY'
II		1	287.50	95.98	TO	5582.53
A		0	N.A.	101.83	TO	'INFINITY'
B USB		0	N.A.	101.83	TO	'INFINITY'
B VHF		1	287.50	95.98	TO	5582.53
C USB		0	N.A.	101.83	TO	'INFINITY'
C VHF		1	287.50	95.98	TO	5582.53
D		0	N.A.	101.83	TO	'INFINITY'
E		0	N.A.	101.83	TO	'INFINITY'
III		1	287.50	95.98	TO	5582.53
A USB		0	N.A.	101.83	TO	'INFINITY'
A VHF		1	287.50	95.98	TO	5582.53
B		0	N.A.	101.83	TO	'INFINITY'
C		0	N.A.	101.83	TO	'INFINITY'
IV		4	57.74	29.79	TO	169.02
A		1	249.00	83.12	TO	4834.95
B		1	249.00	83.12	TO	4834.95
C USB		2	152.73	64.39	TO	859.27
C UHF		0	N.A.	101.83	TO	'INFINITY'
D USB		1	249.00	83.12	TO	4834.95
D UHF		1	249.00	83.12	TO	4834.95
E USB		0	N.A.	101.83	TO	'INFINITY'
E UHF		1	287.50	95.98	TO	5582.53
F		1	249.00	83.12	TO	4834.95
G		1	249.00	83.12	TO	4834.95
V		0	N.A.	101.83	TO	'INFINITY'
A		0	N.A.	101.83	TO	'INFINITY'
B		0	N.A.	101.83	TO	'INFINITY'
C		0	N.A.	101.83	TO	'INFINITY'

II. MTBF

B. Unmanned

SKYLAB UNMANNED SL1, SL3, AND SL4 COMBINED
 COMPUTATIONS FOR FUNCTIONS, ALL SITES COMBINED

FUNCT.	#FAZL.	MTBF	90% CONFIDENCE INTERVAL		
I	76	365.16	305.36	TO	445.82
A	29	972.46	734.64	TO	1359.43
B USB	19	1480.34	1053.83	TO	2260.84
B VHF	13	2178.75	1456.80	TO	3683.44
C USB	49	569.03	456.69	TO	732.19
C VHF	18	1573.54	1110.86	TO	2434.76
D	15	1886.89	1293.19	TO	3060.98
F	16	1759.96	1219.29	TO	2806.23
II	44	634.71	503.66	TO	829.05
A	2	14163.17	5970.98	TO	79680.30
B USB	30	931.00	706.37	TO	1293.47
B VHF	16	1770.23	1226.41	TO	2822.62
C USB	18	1562.11	1102.79	TO	2417.08
C VHF	14	2023.13	1370.38	TO	3346.38
D	2	14163.17	5970.98	TO	79680.30
F	2	14163.17	5970.98	TO	79680.30
III	156	176.95	155.87	TO	202.91
A USB	18	1562.11	1102.79	TO	2417.08
A VHF	51	553.38	445.94	TO	708.25
B	98	284.82	243.07	TO	339.14
C	96	290.03	247.13	TO	346.00
IV	215	126.42	113.40	TO	141.96
A	46	613.74	489.34	TO	796.62
B	46	614.24	489.74	TO	797.27
C USB	43	648.94	513.67	TO	850.46
C UHF	41	681.26	536.43	TO	899.12
D USB	46	614.24	489.74	TO	797.27
D UHF	44	642.16	509.57	TO	838.78
E USB	18	1562.11	1102.79	TO	2417.08
E UHF	51	553.38	445.94	TO	708.25
F	103	272.64	233.54	TO	323.18
G	45	624.69	496.91	TO	813.35
V	26	1055.88	786.28	TO	1506.95
A	18	1562.11	1102.79	TO	2417.08
B	3	9345.76	4453.19	TO	34296.40
C	10	2794.52	1779.39	TO	5150.72

SKYLAB UNMANNED SL1, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE ACN

FUNCT.	-----		SKYLAB			
	#FAIL.	MTBF	90% CONFIDENCE INTERVAL			
I	3	786.17	374.60	TO	2885.02	
A	0	N.A.	786.84	TO	'INFINITY'	
B USB	0	N.A.	786.84	TO	'INFINITY'	
B VHF	1	2360.52	788.02	TO	45835.26	
C USB	2	1179.26	497.16	TO	6634.36	
C VHF	1	2360.52	788.02	TO	45835.26	
D	0	N.A.	786.84	TO	'INFINITY'	
E	0	N.A.	786.84	TO	'INFINITY'	
II	3	786.17	374.60	TO	2885.02	
A	0	N.A.	786.84	TO	'INFINITY'	
B USB	2	1179.26	497.16	TO	6634.36	
B VHF	1	2360.52	788.02	TO	45835.26	
C USB	0	N.A.	786.84	TO	'INFINITY'	
C VHF	1	2360.52	788.02	TO	45835.26	
D	0	N.A.	786.84	TO	'INFINITY'	
E	0	N.A.	786.84	TO	'INFINITY'	
III	7	336.47	198.88	TO	716.87	
A USB	0	N.A.	786.84	TO	'INFINITY'	
A VHF	4	590.12	304.44	TO	1727.38	
B	3	785.11	374.10	TO	2881.14	
C	3	785.11	374.10	TO	2881.14	
IV	15	154.15	105.65	TO	250.07	
A	5	471.01	257.29	TO	1195.47	
B	5	471.01	257.29	TO	1195.47	
C USB	3	784.59	373.85	TO	2879.23	
C UHF	2	1162.27	489.99	TO	6538.77	
D USB	5	471.01	257.29	TO	1195.47	
D UHF	5	471.01	257.29	TO	1195.47	
E USB	0	N.A.	786.84	TO	'INFINITY'	
E UHF	4	590.12	304.44	TO	1727.38	
F	6	392.51	224.01	TO	901.28	
G	5	471.01	257.29	TO	1195.47	
V	0	N.A.	786.84	TO	'INFINITY'	
A	0	N.A.	786.84	TO	'INFINITY'	
B	0	N.A.	786.84	TO	'INFINITY'	
C	0	N.A.	786.84	TO	'INFINITY'	

SKYLAR UNMANNED SL1, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE BDA

FUNCT.	#FAIL.	MTBF	SKYLAR			
			90% CONFIDENCE INTERVAL			
I	11	212.42	137.76	TO	378.77	
A	5	472.09	257.87	TO	1198.20	
B USB	2	1180.25	457.58	TO	6639.94	
B VHF	0	N.A.	786.84	TO	'INFINITY'	
C USB	9	259.63	161.88	TO	497.69	
C VHF	1	2360.52	788.02	TO	45835.26	
D	3	786.83	374.92	TO	2887.44	
E	3	786.83	374.92	TO	2887.44	
II	5	470.39	256.95	TO	1193.89	
A	0	N.A.	786.84	TO	'INFINITY'	
B USB	5	470.39	256.95	TO	1193.89	
B VHF	0	N.A.	786.84	TO	'INFINITY'	
C USB	3	784.00	373.57	TO	2877.07	
C VHF	0	N.A.	786.84	TO	'INFINITY'	
D	0	N.A.	786.84	TO	'INFINITY'	
E	0	N.A.	786.84	TO	'INFINITY'	
III	13	180.72	120.84	TO	305.53	
A USB	3	784.00	373.57	TO	2877.07	
A VHF	3	786.83	374.92	TO	2887.44	
B	8	294.74	179.34	TO	592.29	
C	8	294.74	179.34	TO	592.29	
IV	19	123.29	87.77	TO	188.30	
A	7	335.89	198.54	TO	715.64	
B	7	335.89	198.54	TO	715.64	
C USB	7	335.99	198.60	TO	715.85	
C UHF	1	2360.52	788.02	TO	45835.26	
D USB	7	335.89	198.54	TO	715.64	
D UHF	7	335.89	198.54	TO	715.64	
E USB	3	784.00	373.57	TO	2877.07	
E UHF	3	786.83	374.92	TO	2887.44	
F	11	213.74	138.61	TO	381.13	
G	7	335.89	198.54	TO	715.64	
V	5	433.19	236.63	TO	1099.48	
A	3	784.00	373.57	TO	2877.07	
B	0	N.A.	786.84	TO	'INFINITY'	
C	2	1087.25	458.37	TO	6116.74	

SKYLAR UNMANNED SL1, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE CRO

-----		SKYLAR		-----	
FUNCT.	#FAIL.	MTBF	90% CONFIDENCE INTERVAL		
I		1	2360.52	788.02	TO 45835.26
A		0	N.A.	786.84	TO 'INFINITY'
B USB		1	2360.52	788.02	TO 45835.26
B VHF		0	N.A.	786.84	TO 'INFINITY'
C USB		0	N.A.	786.84	TO 'INFINITY'
C VHF		0	N.A.	786.84	TO 'INFINITY'
D		0	N.A.	786.84	TO 'INFINITY'
E		0	N.A.	786.84	TO 'INFINITY'
II		0	N.A.	786.84	TO 'INFINITY'
A		0	N.A.	786.84	TO 'INFINITY'
B USB		0	N.A.	786.84	TO 'INFINITY'
B VHF		0	N.A.	786.84	TO 'INFINITY'
C USB		0	N.A.	786.84	TO 'INFINITY'
C VHF		0	N.A.	786.84	TO 'INFINITY'
D		0	N.A.	786.84	TO 'INFINITY'
E		0	N.A.	786.84	TO 'INFINITY'
III		15	150.35	103.04	TO 243.90
A USB		0	N.A.	786.84	TO 'INFINITY'
A VHF		10	236.04	150.29	TO 435.05
B		7	322.20	190.45	TO 686.47
C		7	322.20	190.45	TO 686.47
IV		20	117.71	84.45	TO 177.63
A		2	1180.25	497.58	TO 6639.94
B		2	1180.25	497.58	TO 6639.94
C USB		0	N.A.	786.84	TO 'INFINITY'
C UHF		3	784.81	373.95	TO 2880.02
D USB		2	1180.25	497.58	TO 6639.94
D UHF		2	1180.25	497.58	TO 6639.94
E USB		0	N.A.	786.84	TO 'INFINITY'
E UHF		10	236.04	150.29	TO 435.05
F		8	295.05	179.53	TO 592.92
G		2	1180.25	497.58	TO 6639.94
V		1	2165.53	722.93	TO 42049.16
A		0	N.A.	786.84	TO 'INFINITY'
B		0	N.A.	786.84	TO 'INFINITY'
C		1	2165.53	722.93	TO 42049.16

SKYLAB UNMANNED SL1, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE CYI

FUNCT.	#FAIL.	MTBF	SKYLAB		TO	90% CONFIDENCE INTERVAL
T		2	1178.76	496.95	TO	6631.55
A		1	2357.53	787.02	TO	45777.31
B USB		0	N.A.	786.84	TO	'INFINITY'
B VHF		0	N.A.	786.84	TO	'INFINITY'
C USB		1	2360.52	788.02	TO	45835.26
C VHF		0	N.A.	786.84	TO	'INFINITY'
D		0	N.A.	786.84	TO	'INFINITY'
E		0	N.A.	786.84	TO	'INFINITY'
II		0	N.A.	786.84	TO	'INFINITY'
A		0	N.A.	786.84	TO	'INFINITY'
B USB		0	N.A.	786.84	TO	'INFINITY'
B VHF		0	N.A.	786.84	TO	'INFINITY'
C USB		0	N.A.	786.84	TO	'INFINITY'
C VHF		0	N.A.	786.84	TO	'INFINITY'
D		0	N.A.	786.84	TO	'INFINITY'
E		0	N.A.	786.84	TO	'INFINITY'
III		8	294.24	179.03	TO	591.29
A USB		0	N.A.	786.84	TO	'INFINITY'
A VHF		0	N.A.	786.84	TO	'INFINITY'
B		8	294.24	179.03	TO	591.29
C		8	294.24	179.03	TO	591.29
IV		8	294.32	179.08	TO	591.45
A		4	588.66	303.69	TO	1723.11
B		4	588.66	303.69	TO	1723.11
C USB		0	N.A.	786.84	TO	'INFINITY'
C UHF		0	N.A.	786.84	TO	'INFINITY'
D USB		4	588.66	303.69	TO	1723.11
D UHF		4	588.66	303.69	TO	1723.11
E USB		0	N.A.	786.84	TO	'INFINITY'
E UHF		0	N.A.	786.84	TO	'INFINITY'
F		8	294.32	179.08	TO	591.45
G		4	588.66	303.69	TO	1723.11
V		0	N.A.	786.84	TO	'INFINITY'
A		0	N.A.	786.84	TO	'INFINITY'
B		0	N.A.	786.84	TO	'INFINITY'
C		0	N.A.	786.84	TO	'INFINITY'

SKYLAB UNMANNED SL1, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE GDS

FUNCT.	#FAIL.	MTBF	SKYLAB			
			90% CONFIDENCE INTERVAL			
I	14	165.01	111.77	TO	272.93	
A	5	467.18	255.19	TO	1185.74	
B USB	3	783.53	373.35	TO	2875.35	
B VHF	3	786.83	374.92	TO	2887.44	
C USB	9	258.85	161.40	TO	496.20	
C VHF	4	590.12	304.44	TO	1727.38	
D	4	585.25	301.93	TO	1713.12	
E	4	585.25	301.93	TO	1713.12	
II	6	391.76	223.59	TO	899.56	
A	0	N.A.	786.84	TO	'INFINITY'	
B USB	3	783.53	373.35	TO	2875.35	
B VHF	3	786.83	374.92	TO	2887.44	
C USB	3	783.53	373.35	TO	2875.35	
C VHF	3	786.83	374.92	TO	2887.44	
D	0	N.A.	786.84	TO	'INFINITY'	
E	0	N.A.	786.84	TO	'INFINITY'	
III	23	101.76	74.51	TO	148.91	
A USB	3	783.53	373.35	TO	2875.35	
A VHF	7	337.20	199.32	TO	718.44	
B	13	180.82	120.90	TO	305.69	
C	13	180.82	120.90	TO	305.69	
IV	32	73.36	56.11	TO	100.77	
A	4	590.12	304.44	TO	1727.38	
B	4	590.12	304.44	TO	1727.38	
C USB	7	335.79	198.48	TO	715.43	
C UHF	6	392.99	224.29	TO	902.39	
D USB	5	472.09	257.87	TO	1198.20	
D UHF	4	590.12	304.44	TO	1727.38	
E USB	3	783.53	373.35	TO	2875.35	
E UHF	7	337.20	199.32	TO	718.44	
F	13	181.56	121.40	TO	306.95	
G	4	590.12	304.44	TO	1727.38	
V	6	344.43	196.57	TO	790.89	
A	3	783.53	373.35	TO	2875.35	
B	1	2071.48	691.53	TO	40222.93	
C	3	786.83	374.92	TO	2887.44	

SKYLAR UNMANNED SL1, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE GWM

FUNCT.	#FAIL.	MTBF	SKYLAR		TO	90% CONFIDENCE INTERVAL
T	5	469.04	256.21			1190.45
A	2	1176.36	495.93			6618.04
B USB	1	2352.73	785.42			45684.09
B VHF	0	N.A.	786.84			'INFINITY'
C USB	4	586.30	302.47			1716.21
C VHF	0	N.A.	786.84			'INFINITY'
D	0	N.A.	786.84			'INFINITY'
E	0	N.A.	786.84			'INFINITY'
II	2	1176.36	495.93			6618.03
A	0	N.A.	786.84			'INFINITY'
B USB	2	1176.36	495.93			6618.03
B VHF	0	N.A.	786.84			'INFINITY'
C USB	1	2352.73	785.42			45684.09
C VHF	0	N.A.	786.84			'INFINITY'
D	0	N.A.	786.84			'INFINITY'
E	0	N.A.	786.84			'INFINITY'
III	10	235.26	149.80			433.62
A USB	1	2352.73	785.42			45684.09
A VHF	2	1180.25	497.58			6639.94
B	7	337.20	199.32			718.44
C	7	337.20	199.32			718.44
IV	16	133.52	92.50			212.89
A	3	780.56	371.93			2864.45
B	3	780.56	371.93			2864.45
C USB	3	783.98	373.56			2877.00
C UHF	5	432.76	236.39			1098.38
D USB	3	780.56	371.93			2864.45
D UHF	3	780.56	371.93			2864.45
E USB	1	2352.73	785.42			45684.09
E UHF	2	1180.25	497.58			6639.94
F	8	292.70	178.10			588.20
G	3	780.56	371.93			2864.45
V	1	2352.73	785.42			45684.09
A	1	2352.73	785.42			45684.09
B	0	N.A.	786.84			'INFINITY'
C	0	N.A.	786.84			'INFINITY'

SKYLAB UNMANNED SL1, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE HAW

FUNCT.	-----		SKYLAB	-----		
	#PAIL.	NTBF	90% CONFIDENCE INTERVAL			
I		4	563.07	290.48	TO	1648.20
A		1	2360.52	788.02	TO	45835.26
B USB		2	1129.51	476.18	TO	6354.47
B VHF		1	2360.52	788.02	TO	45835.26
C USB		4	563.07	290.48	TO	1648.20
C VHF		1	2360.52	788.02	TO	45835.26
D		1	2360.52	788.02	TO	45835.26
E		1	2360.52	788.02	TO	45835.26
II		4	563.07	290.48	TO	1648.20
A		1	2360.52	788.02	TO	45835.26
B USB		4	563.07	290.48	TO	1648.20
B VHF		1	2360.52	788.02	TO	45835.26
C USB		2	1129.51	476.18	TO	6354.47
C VHF		1	2360.52	788.02	TO	45835.26
D		1	2360.52	788.02	TO	45835.26
E		1	2360.52	788.02	TO	45835.26
III		6	372.95	212.85	TO	856.38
A USB		2	1129.51	476.18	TO	6354.47
A VHF		1	2360.52	788.02	TO	45835.26
B		6	389.87	222.51	TO	895.22
C		6	389.87	222.51	TO	895.22
IV		5	449.83	245.72	TO	1141.71
A		2	1178.71	496.93	TO	6631.26
B		2	1178.71	496.93	TO	6631.26
C USB		4	563.07	290.48	TO	1648.20
C UHF		1	2360.52	788.02	TO	45835.26
D USB		2	1178.71	496.93	TO	6631.26
D UHF		2	1178.71	496.93	TO	6631.26
F USB		2	1129.51	476.18	TO	6354.47
E UHF		1	2360.52	788.02	TO	45835.26
F		2	1178.71	496.93	TO	6631.26
G		2	1178.71	496.93	TO	6631.26
V		2	1129.51	476.18	TO	6354.47
A		2	1129.51	476.18	TO	6354.47
B		1	2360.52	788.02	TO	45835.26
C		1	2360.52	788.02	TO	45835.26

SKYLAB UNMANNED SL1, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE HSK

FUNCT.	-----		SKYLAB -----			
	#FAIL.	MTBF	90% CONFIDENCE INTERVAL			
I	11	206.72	134.06	TO	368.60	
A	4	587.87	303.28	TO	1720.81	
R USB	0	N.A.	786.84	TO	'INFINITY'	
R VHF	4	589.83	304.29	TO	1726.55	
C USB	2	1142.09	481.49	TO	6425.26	
C VHF	5	471.86	257.75	TO	1197.62	
D	0	N.A.	786.84	TO	'INFINITY'	
E	0	N.A.	786.84	TO	'INFINITY'	
II	7	326.14	192.78	TO	694.86	
A	0	N.A.	786.84	TO	'INFINITY'	
B USB	2	1142.09	481.49	TO	6425.26	
B VHF	5	471.86	257.75	TO	1197.62	
C USB	0	N.A.	786.84	TO	'INFINITY'	
C VHF	5	471.86	257.75	TO	1197.62	
D	0	N.A.	786.84	TO	'INFINITY'	
E	0	N.A.	786.84	TO	'INFINITY'	
III	25	87.71	64.97	TO	126.16	
A USB	0	N.A.	786.84	TO	'INFINITY'	
A VHF	15	150.77	103.33	TO	244.59	
B	12	188.87	124.48	TO	327.33	
C	10	226.64	144.31	TO	417.74	
IV	35	61.05	47.21	TO	82.60	
A	4	590.12	304.44	TO	1727.38	
B	4	590.12	304.44	TO	1727.38	
C USB	3	761.39	362.80	TO	2794.09	
C UHF	6	393.41	224.53	TO	903.34	
D USB	3	786.83	374.92	TO	2887.44	
D UHF	3	786.83	374.92	TO	2887.44	
E USB	0	N.A.	786.84	TO	'INFINITY'	
E UHF	15	150.77	103.33	TO	244.59	
F	13	175.91	117.62	TO	297.40	
G	3	786.83	374.92	TO	2887.44	
V	1	2360.52	788.02	TO	45835.26	
A	0	N.A.	786.84	TO	'INFINITY'	
B	0	N.A.	786.84	TO	'INFINITY'	
C	1	2360.52	788.02	TO	45835.26	

SKYLAB UNMANNED SL1, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITP MAD

PUNCT.	-----		SKYLAB -----			
	#FAIL.	MTBF	90%	CONFIDENCE	INTERVAL	
I	10	232.36	147.76	TO	428.28	
A	5	465.65	254.30	TO	1181.86	
B USB	6	388.04	221.46	TO	891.03	
B VHF	4	589.81	304.28	TO	1726.48	
C USB	7	332.13	196.32	TO	707.63	
C VHF	4	589.81	304.28	TO	1726.48	
D	2	1178.59	496.88	TO	6630.60	
E	2	1178.59	496.88	TO	6630.60	
II	9	258.55	161.21	TO	495.63	
A	1	2360.52	788.02	TO	45835.26	
B USB	6	388.04	221.46	TO	891.03	
B VHF	4	589.81	304.28	TO	1726.48	
C USB	6	388.04	221.46	TO	891.03	
C VHF	4	589.81	304.28	TO	1726.48	
D	1	2360.52	788.02	TO	45835.26	
E	1	2360.52	788.02	TO	45835.26	
III	20	116.22	83.38	TO	175.38	
A USB	6	388.04	221.46	TO	891.03	
A VHF	6	393.20	224.41	TO	902.87	
B	10	235.80	150.14	TO	434.62	
C	10	235.80	150.14	TO	434.62	
IV	23	99.48	72.84	TO	145.56	
A	3	779.17	371.27	TO	2859.33	
B	2	1180.25	497.58	TO	6639.94	
C USB	6	387.54	221.18	TO	889.88	
C UHF	6	391.08	223.20	TO	898.00	
D USB	3	786.83	374.92	TO	2887.46	
D UHF	2	1180.25	497.58	TO	6639.94	
E USB	6	388.04	221.46	TO	891.03	
E UHF	6	393.20	224.41	TO	902.87	
F	8	292.18	177.78	TO	587.14	
G	2	1180.25	497.58	TO	6639.94	
V	6	388.04	221.46	TO	891.03	
A	6	388.04	221.46	TO	891.03	
B	1	2360.52	788.02	TO	45835.26	
C	1	2360.52	788.02	TO	45835.26	

SKYLAB UNMANNED SL1, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE MIL

PUNCT.	-----		SKYLAB			
	#FAIL.	MTBF	90% CONFIDENCE INTERVAL			
I		5	422.70	230.90	TO	1072.84
A		2	1156.26	487.46	TO	6504.97
B USB		1	2312.53	772.00	TO	44903.53
B VHF		0	N.A.	786.84	TO	'INFINITY'
C USB		4	552.38	284.97	TO	1616.92
C VHF		0	N.A.	786.84	TO	'INFINITY'
D		2	1180.25	497.58	TO	6639.94
E		3	738.83	352.05	TO	2711.32
II		3	736.51	350.94	TO	2702.79
A		0	N.A.	786.84	TO	'INFINITY'
B USB		3	736.51	350.94	TO	2702.79
B VHF		0	N.A.	786.84	TO	'INFINITY'
C USB		1	2312.53	772.00	TO	44903.53
C VHF		0	N.A.	786.84	TO	'INFINITY'
D		0	N.A.	786.84	TO	'INFINITY'
E		0	N.A.	786.84	TO	'INFINITY'
III		6	363.41	207.40	TO	834.46
A USB		1	2312.53	772.00	TO	44903.53
A VHF		2	1178.51	496.84	TO	6630.14
B		4	563.24	290.57	TO	1648.70
C		4	545.99	281.67	TO	1598.21
IV		15	131.12	89.87	TO	212.72
A		5	466.99	255.09	TO	1185.26
B		6	389.16	222.10	TO	893.59
C USB		4	551.88	284.71	TO	1615.46
C UHF		5	446.59	243.95	TO	1133.48
D USB		5	466.99	255.09	TO	1185.26
D UHF		5	466.99	255.09	TO	1185.26
E USB		1	2312.53	772.00	TO	44903.53
E UHF		2	1178.51	496.84	TO	6630.14
F		7	322.71	190.75	TO	687.55
G		6	365.16	208.41	TO	838.49
V		2	1156.26	487.46	TO	6504.97
A		1	2312.53	772.00	TO	44903.53
B		0	N.A.	786.84	TO	'INFINITY'
C		1	2360.52	788.02	TO	45835.26

SKYLAR UNMANNED SL1, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE TEX

PUNCT.	#FAIL.	MTBF	SKYLAR		TO	90% CONFIDENCE INTERVAL
I		7	337.17	199.30	TO	718.36
A		2	1180.25	497.58	TO	6639.94
R USB		3	786.75	374.88	TO	2887.16
B VHF		0	N.A.	786.84	TO	'INFINITY'
C USB		5	472.04	257.85	TO	1198.08
C VHF		1	2360.52	788.02	TO	45835.26
D		1	2360.52	788.02	TO	45835.26
E		1	2360.52	788.02	TO	45835.26
II		4	590.06	304.41	TO	1727.21
A		0	N.A.	786.84	TO	'INFINITY'
B USB		2	1180.13	497.53	TO	6639.28
B VHF		2	1180.25	497.58	TO	6639.94
C USB		2	1180.13	497.53	TO	6639.28
C VHF		0	N.A.	786.84	TO	'INFINITY'
D		0	N.A.	786.84	TO	'INFINITY'
E		0	N.A.	786.84	TO	'INFINITY'
III		13	181.34	121.25	TO	306.58
A USB		2	1180.13	497.53	TO	6639.28
A VHF		1	2360.52	788.02	TO	45835.26
B		10	235.77	150.13	TO	434.56
C		10	235.77	150.13	TO	434.56
IV		17	138.15	96.66	TO	216.85
A		4	590.12	304.44	TO	1727.38
B		4	590.12	304.44	TO	1727.38
C USB		3	786.75	374.88	TO	2887.16
C UHF		5	469.76	256.60	TO	1192.29
D USB		4	590.12	304.44	TO	1727.38
D UHF		4	590.12	304.44	TO	1727.38
E USB		2	1180.13	497.53	TO	6639.28
E UHF		1	2360.52	788.02	TO	45835.26
F		11	214.58	139.16	TO	382.62
G		4	590.12	304.44	TO	1727.38
V		2	1180.13	497.53	TO	6639.28
A		2	1180.13	497.53	TO	6639.28
B		0	N.A.	786.84	TO	'INFINITY'
C		0	N.A.	786.84	TO	'INFINITY'

SKYLAR UNMANNED SL1, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE VAN

FUNCT.	#FAIL.	MTBF	SKYLAR		90% CONFIDENCE INTERVAL	
I		3	786.83	374.92	TO	2887.44
A		2	1180.25	497.58	TO	6639.94
B USB		0	N.A.	786.84	TO	'INFINITY'
B VHF		0	N.A.	786.84	TO	'INFINITY'
C USB		2	1180.25	497.58	TO	6639.94
C VHF		1	2360.52	788.02	TO	45835.26
D		2	1180.25	497.58	TO	6639.94
E		2	1180.25	497.58	TO	6639.94
II		1	2360.52	788.02	TO	45835.26
A		0	N.A.	786.84	TO	'INFINITY'
B USB		1	2360.52	788.02	TO	45835.26
B VHF		0	N.A.	786.84	TO	'INFINITY'
C USB		0	N.A.	786.84	TO	'INFINITY'
C VHF		0	N.A.	786.84	TO	'INFINITY'
D		0	N.A.	786.84	TO	'INFINITY'
E		0	N.A.	786.84	TO	'INFINITY'
IIIT		10	230.42	146.72	TO	424.71
A USB		0	N.A.	786.84	TO	'INFINITY'
A VHF		0	N.A.	786.84	TO	'INFINITY'
B		10	230.42	146.72	TO	424.71
C		10	230.42	146.72	TO	424.71
IV		10	234.26	149.16	TO	431.77
A		3	785.88	374.47	TO	2883.97
B		3	785.88	374.47	TO	2883.97
C USB		3	781.84	372.54	TO	2869.13
C UHF		1	2360.52	788.02	TO	45835.26
D USB		3	785.88	374.47	TO	2883.97
D UHF		3	785.88	374.47	TO	2883.97
E USB		0	N.A.	786.84	TO	'INFINITY'
E UHF		0	N.A.	786.84	TO	'INFINITY'
F		8	294.70	179.31	TO	592.21
G		3	785.88	374.47	TO	2883.97
V		0	N.A.	786.84	TO	'INFINITY'
A		0	N.A.	786.84	TO	'INFINITY'
B		0	N.A.	786.84	TO	'INFINITY'
C		0	N.A.	786.84	TO	'INFINITY'

II. MIBF
C. Manned

SKYLAB MANNED SL2, SL3, AND SL4 COMBINED

COMPUTATIONS FOR FUNCTIONS, ALL SITES COMBINED

FUNCT.	#FAIL.	MTBF	90% CONFIDENCE INTERVAL		
I	203	235.88	210.95	TO	265.80
A	71	690.33	573.90	TO	849.01
B USB	54	911.71	738.91	TO	1158.23
B VHF	21	2350.80	1698.77	TO	3508.43
C USB	150	320.56	281.69	TO	368.63
C VHF	33	1494.04	1147.08	TO	2041.39
D	55	886.36	719.66	TO	1123.39
E	60	812.49	665.22	TO	1018.77
II	109	445.83	383.48	TO	525.86
A	12	4114.08	2711.47	TO	7130.13
B USB	96	506.80	431.83	TO	604.60
B VHF	25	1972.49	1461.06	TO	2837.12
C USB	50	980.35	788.43	TO	1258.02
C VHF	23	2146.38	1571.53	TO	3140.69
D	12	4114.08	2711.47	TO	7130.13
E	12	4114.08	2711.47	TO	7130.13
III	349	137.91	126.56	TO	150.95
A USB	50	980.35	788.43	TO	1258.02
A VHF	95	515.38	438.80	TO	615.43
B	228	214.42	192.94	TO	239.95
C	230	212.59	191.37	TO	237.78
IV	434	108.10	100.07	TO	117.20
A	94	514.48	437.68	TO	614.97
B	97	498.62	425.20	TO	594.28
C USB	120	404.23	350.06	TO	472.93
C UHF	60	818.34	670.00	TO	1026.10
D USB	98	493.55	421.20	TO	587.67
D UHF	92	525.74	446.51	TO	629.70
F USB	50	980.35	788.43	TO	1258.02
F UHF	95	515.38	438.80	TO	615.43
F	211	228.97	205.20	TO	257.41
G	97	498.64	425.22	TO	594.29
V	97	496.97	423.80	TO	592.31
A	50	980.35	788.43	TO	1258.02
B	17	2904.05	2031.73	TO	4558.18
C	55	882.87	716.82	TO	1118.97

SKYLAB MANNED SL2, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE ACN

FUNCT.	-----		SKYLAB -----			
	#FAIL.	MTBF	90%	CONFIDENCE	INTERVAL	
I	18	228.40	161.24	TO	353.41	
A	7	588.16	347.66	TO	1253.12	
B USB	7	588.16	347.66	TO	1253.12	
B VHF	3	1371.74	653.62	TO	5033.91	
C USB	11	373.94	242.50	TO	666.78	
C VHF	3	1371.74	653.62	TO	5033.91	
D	7	587.63	347.34	TO	1251.99	
E	8	514.17	312.85	TO	1033.26	
II	9	457.24	285.09	TO	876.49	
A	1	4117.23	1374.47	TO	79946.31	
B USB	7	588.16	347.66	TO	1253.12	
B VHF	3	1371.74	653.62	TO	5033.91	
C USB	6	686.19	391.63	TO	1575.64	
C VHF	3	1371.74	653.62	TO	5033.91	
D	1	4117.23	1374.47	TO	79946.31	
E	1	4117.23	1374.47	TO	79946.31	
III	23	170.87	125.10	TO	250.02	
A USB	6	686.19	391.63	TO	1575.64	
A VHF	6	655.03	373.84	TO	1504.09	
B	14	294.07	199.19	TO	486.42	
C	15	274.47	188.11	TO	445.25	
IV	29	134.79	101.83	TO	188.42	
A	5	820.84	448.37	TO	2083.34	
B	4	1026.05	529.34	TO	3003.44	
C USB	9	456.57	284.67	TO	875.21	
C UHF	3	1372.40	653.94	TO	5036.34	
D USB	5	820.84	448.37	TO	2083.34	
D UHF	5	820.84	448.37	TO	2083.34	
E USB	6	686.19	391.63	TO	1575.64	
E UHF	6	655.03	373.84	TO	1504.09	
F	16	256.50	177.70	TO	408.99	
G	6	684.03	390.39	TO	1570.67	
V	6	686.19	391.63	TO	1575.64	
A	6	686.19	391.63	TO	1575.64	
B	1	4117.23	1374.47	TO	79946.31	
C	1	4117.23	1374.47	TO	79946.31	

SKYLAB MANNED SL2, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE BDA

FUNCT.	-----		SKYLAB -----			
	#FAIL.	MTBF	90%	CONFIDENCE	INTERVAL	
I	21	194.12	140.27	TO	289.71	
A	7	588.16	347.66	TO	1253.12	
B USB	3	1370.82	653.19	TO	5030.55	
B VHF	0	N.A.	1372.42	TO	'INFINITY'	
C USB	12	340.11	224.16	TO	589.44	
C VHF	1	4117.23	1374.47	TO	79946.31	
D	5	823.43	449.79	TO	2089.94	
E	5	823.43	449.79	TO	2089.94	
II	4	1020.66	526.56	TO	2987.67	
A	0	N.A.	1372.42	TO	'INFINITY'	
B USB	4	1020.66	526.56	TO	2987.67	
B VHF	0	N.A.	1372.42	TO	'INFINITY'	
C USB	0	N.A.	1372.42	TO	'INFINITY'	
C VHF	0	N.A.	1372.42	TO	'INFINITY'	
D	0	N.A.	1372.42	TO	'INFINITY'	
E	0	N.A.	1372.42	TO	'INFINITY'	
III	26	152.24	113.37	TO	217.28	
A USB	0	N.A.	1372.42	TO	'INFINITY'	
A VHF	7	588.16	347.66	TO	1253.12	
B	19	208.34	148.31	TO	318.18	
C	19	208.34	148.31	TO	318.18	
IV	32	126.86	97.03	TO	174.25	
A	14	292.44	198.09	TO	483.72	
B	14	292.44	198.09	TO	483.72	
C USB	5	816.53	446.02	TO	2072.40	
C UHF	1	4117.23	1374.47	TO	79946.31	
D USB	14	292.44	198.09	TO	483.72	
D UHF	14	292.44	198.09	TO	483.72	
E USB	0	N.A.	1372.42	TO	'INFINITY'	
E UHF	7	588.16	347.66	TO	1253.12	
F	22	186.09	135.39	TO	274.91	
G	14	292.44	198.09	TO	483.72	
V	4	1029.30	531.01	TO	3012.94	
A	0	N.A.	1372.42	TO	'INFINITY'	
B	0	N.A.	1372.42	TO	'INFINITY'	
C	4	1029.30	531.01	TO	3012.94	

SKYLAR MANNED SL2, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE CRO

FUNCT.	-----		SKYLAR -----			
	#FAIL.	MTBF	90%	CONFIDENCE	INTERVAL	
I		5	818.79	447.25	TO	2078.14
A		2	2046.99	862.98	TO	11516.13
B USB		2	2046.99	862.98	TO	11516.13
B VHF		0	N.A.	1372.42	TO	'INFINITY'
C USB		5	818.79	447.25	TO	2078.14
C VHF		0	N.A.	1372.42	TO	'INFINITY'
D		2	2058.61	867.88	TO	11581.49
E		2	2058.61	867.88	TO	11581.49
II		3	1364.66	650.25	TO	5007.92
A		0	N.A.	1372.42	TO	'INFINITY'
B USB		3	1364.66	650.25	TO	5007.92
B VHF		0	N.A.	1372.42	TO	'INFINITY'
C USB		2	2046.99	862.98	TO	11516.13
C VHF		0	N.A.	1372.42	TO	'INFINITY'
D		0	N.A.	1372.42	TO	'INFINITY'
E		0	N.A.	1372.42	TO	'INFINITY'
III		37	110.63	86.10	TO	148.35
A USB		2	2046.99	862.98	TO	11516.13
A VHF		10	411.71	262.15	TO	758.84
B		26	158.34	117.91	TO	225.98
C		26	158.34	117.91	TO	225.98
IV		38	107.68	84.06	TO	143.78
A		1	4117.23	1374.47	TO	79946.31
B		1	4117.23	1374.47	TO	79946.31
C USB		3	1364.66	650.25	TO	5007.92
C UHF		4	1028.88	530.79	TO	3011.72
D USB		1	4117.23	1374.47	TO	79946.31
D UHF		1	4117.23	1374.47	TO	79946.31
E USB		2	2046.99	862.98	TO	11516.13
E UHF		10	411.71	262.15	TO	758.84
F		22	187.13	136.15	TO	276.44
G		1	4117.23	1374.47	TO	79946.31
V		6	638.24	364.26	TO	1465.53
A		2	2046.99	862.98	TO	11516.13
B		2	2058.61	867.88	TO	11581.49
C		2	1926.37	812.13	TO	10837.51

SKYLAB MANNED SL2, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE CYI

PUNCT.	-----		SKYLAB	-----		
	#FAIL.	MTBF	90% CONFIDENCE INTERVAL			
I	0	N.A.	1372.42	TO	'INFINITY'	
A	0	N.A.	1372.42	TO	'INFINITY'	
B USB	0	N.A.	1372.42	TO	'INFINITY'	
B VHF	0	N.A.	1372.42	TO	'INFINITY'	
C USB	0	N.A.	1372.42	TO	'INFINITY'	
C VHF	0	N.A.	1372.42	TO	'INFINITY'	
D	0	N.A.	1372.42	TO	'INFINITY'	
E	0	N.A.	1372.42	TO	'INFINITY'	
II	0	N.A.	1372.42	TO	'INFINITY'	
A	0	N.A.	1372.42	TO	'INFINITY'	
B USB	0	N.A.	1372.42	TO	'INFINITY'	
B VHF	0	N.A.	1372.42	TO	'INFINITY'	
C USB	0	N.A.	1372.42	TO	'INFINITY'	
C VHF	0	N.A.	1372.42	TO	'INFINITY'	
D	0	N.A.	1372.42	TO	'INFINITY'	
E	0	N.A.	1372.42	TO	'INFINITY'	
III	17	242.18	169.43	TO	380.12	
A USB	0	N.A.	1372.42	TO	'INFINITY'	
A VHF	1	4117.23	1374.47	TO	79946.31	
B	16	257.31	178.27	TO	410.28	
C	16	257.31	178.27	TO	410.28	
IV	19	215.67	153.53	TO	329.38	
A	4	1025.86	529.24	TO	3002.89	
B	5	820.69	448.29	TO	2082.96	
C USB	1	4117.23	1374.47	TO	79946.31	
C UHF	2	2055.87	866.72	TO	11566.06	
D USB	4	1025.86	529.24	TO	3002.89	
D UHF	4	1025.86	529.24	TO	3002.89	
E USB	0	N.A.	1372.42	TO	'INFINITY'	
E UHF	1	4117.23	1374.47	TO	79946.31	
F	14	293.09	198.53	TO	484.79	
G	4	1025.86	529.24	TO	3002.89	
V	2	1897.37	799.90	TO	10674.36	
A	0	N.A.	1372.42	TO	'INFINITY'	
B	0	N.A.	1372.42	TO	'INFINITY'	
C	2	1897.37	799.90	TO	10674.36	

SKYLAB MANNED SL2, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE GDS

FUNCT.	-----		SKYLAB		-----	
	#FAIL.	MTBF	90%	CONFIDENCE	INTERVAL	
I	32	125.87	96.28	TO	172.90	
A	7	582.84	344.51	TO	1241.79	
B USB	6	679.90	388.03	TO	1561.19	
B VHF	5	815.99	445.72	TO	2071.03	
C USB	25	161.12	119.34	TO	231.75	
C VHF	5	815.99	445.72	TO	2071.03	
D	8	509.43	309.96	TO	1023.71	
F	10	407.54	259.50	TO	751.15	
II	18	224.97	158.82	TO	348.09	
A	4	1019.99	526.21	TO	2985.70	
B USB	17	238.20	166.65	TO	373.88	
B VHF	5	815.99	445.72	TO	2071.03	
C USB	5	815.88	445.67	TO	2070.77	
C VHF	5	815.99	445.72	TO	2071.03	
D	4	1019.99	526.21	TO	2985.70	
E	4	1019.99	526.21	TO	2985.70	
III	44	92.03	73.03	TO	120.21	
A USB	5	815.88	445.67	TO	2070.77	
A VHF	13	313.83	209.84	TO	530.57	
B	32	126.56	96.81	TO	173.85	
C	34	119.12	91.79	TO	161.94	
IV	64	62.18	51.21	TO	77.37	
A	8	507.82	308.99	TO	1020.49	
B	8	507.82	308.99	TO	1020.49	
C USB	24	166.56	122.68	TO	241.56	
C UHF	7	582.84	344.51	TO	1241.79	
D USB	8	507.82	308.99	TO	1020.49	
D UHF	8	507.82	308.99	TO	1020.49	
F USB	5	815.88	445.67	TO	2070.77	
E UHF	13	313.83	209.84	TO	530.57	
F	31	131.04	99.83	TO	181.00	
G	10	406.25	258.68	TO	748.78	
V	21	192.29	138.96	TO	286.99	
A	5	815.88	445.67	TO	2070.77	
B	6	679.99	388.08	TO	1561.39	
C	19	212.54	151.30	TO	324.59	

SKYLAB MANNED SL2, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE GWM

FUNCT.	-----		SKYLAB -----			
	#FAIL.	MTBF	90%	CONFIDENCE INTERVAL		
I	17	240.96	168.58	TO	378.21	
A	7	586.42	346.63	TO	1249.42	
B USB	7	585.81	346.27	TO	1248.12	
B VHF	2	2058.61	867.88	TO	11581.48	
C USB	16	256.29	177.55	TO	408.65	
C VHF	3	1372.40	653.94	TO	5036.33	
D	5	823.43	449.79	TO	2089.93	
F	5	823.43	449.79	TO	2089.93	
II	11	372.86	241.80	TO	664.84	
A	2	2058.61	867.88	TO	11581.48	
R USB	11	372.86	241.80	TO	664.84	
B VHF	2	2058.61	867.88	TO	11581.48	
C USB	11	372.86	241.80	TO	664.84	
C VHF	2	2058.61	867.88	TO	11581.48	
D	2	2058.61	867.88	TO	11581.48	
E	2	2058.61	867.88	TO	11581.48	
III	32	128.00	97.90	TO	175.81	
A USB	11	372.86	241.80	TO	664.84	
A VHF	7	588.16	347.66	TO	1253.12	
B	18	228.43	161.26	TO	353.45	
C	17	241.87	169.22	TO	379.63	
IV	38	103.50	80.80	TO	138.19	
A	6	684.22	390.50	TO	1571.12	
B	6	684.22	390.50	TO	1571.12	
C USB	14	292.74	198.29	TO	484.21	
C UHF	8	495.47	301.47	TO	995.67	
D USB	8	513.16	312.24	TO	1031.23	
D UHF	6	684.22	390.50	TO	1571.12	
E USB	11	372.86	241.80	TO	664.84	
E UHF	7	588.16	347.66	TO	1253.12	
F	16	256.57	177.75	TO	409.10	
G	6	684.22	390.50	TO	1571.12	
V	14	292.95	198.44	TO	484.57	
A	11	372.86	241.80	TO	664.84	
B	2	2058.61	867.88	TO	11581.48	
C	5	823.43	449.79	TO	2089.93	

SKYLAB MANNED SL2, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE HAW

FUNCT.	-----		SKYLAB	-----		
	#FAIL.	MTBF	90% CONFIDENCE INTERVAL			
I		20	204.06	146.40	TO	307.94
A		5	821.59	448.79	TO	2085.26
B USB		9	453.91	283.02	TO	870.12
B VHF		1	4116.67	1374.28	TO	79935.31
C USB		14	292.59	198.19	TO	483.97
C VHF		2	2058.33	867.76	TO	11579.89
D		3	1372.21	653.85	TO	5035.64
E		3	1372.21	653.85	TO	5035.64
II		12	341.36	224.98	TO	591.61
A		1	4116.67	1374.28	TO	79935.31
B USB		12	341.36	224.98	TO	591.61
B VHF		1	4116.67	1374.28	TO	79935.31
C USB		5	820.05	447.95	TO	2081.35
C VHF		1	4116.67	1374.28	TO	79935.31
D		1	4116.67	1374.28	TO	79935.31
E		1	4116.67	1374.28	TO	79935.31
III		21	188.94	136.54	TO	281.99
A USB		5	820.05	447.95	TO	2081.35
A VHF		4	1029.16	530.94	TO	3012.53
B		14	284.59	192.77	TO	470.73
C		14	284.59	192.77	TO	470.73
IV		32	128.00	97.90	TO	175.82
A		18	228.69	161.45	TO	353.85
B		18	228.69	161.45	TO	353.85
C USB		13	315.10	210.69	TO	532.72
C UHF		2	2058.33	867.76	TO	11579.89
D USB		18	228.69	161.45	TO	353.85
D UHF		18	228.69	161.45	TO	353.85
F USB		5	820.05	447.95	TO	2081.35
E UHF		4	1029.16	530.94	TO	3012.53
F		18	228.69	161.45	TO	353.85
G		18	228.69	161.45	TO	353.85
V		5	820.05	447.95	TO	2081.35
A		5	820.05	447.95	TO	2081.35
B		1	4116.67	1374.28	TO	79935.31
C		1	4116.67	1374.28	TO	79935.31

SKYLAB MANNED SL2, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE HSK

FUNCT.	-----		SKYLAB -----			
	#PAYL.	MTRF	90%	CONFIDENCE INTERVAL		
I	26		147.30	109.69	TO	210.22
A	13		313.66	209.72	TO	530.27
B USB	5		823.38	449.76	TO	2089.80
B VHF	4		1029.30	531.01	TO	3012.94
C USB	15		257.94	176.78	TO	418.44
C VHF	6		686.19	391.63	TO	1575.64
D	6		686.19	391.63	TO	1575.64
F	6		686.19	391.63	TO	1575.64
II	11		351.96	228.25	TO	627.59
A	0		N.A.	1372.42	TO	'INFINITY'
B USB	7		553.09	326.93	TO	1178.40
B VHF	4		1029.30	531.01	TO	3012.94
C USB	5		776.28	424.04	TO	1970.26
C VHF	4		1029.30	531.01	TO	3012.94
D	0		N.A.	1372.42	TO	'INFINITY'
E	0		N.A.	1372.42	TO	'INFINITY'
III	49		76.63	61.50	TO	98.60
A USB	5		776.28	424.04	TO	1970.26
A VHF	20		199.98	143.47	TO	301.78
B	25		164.33	121.73	TO	236.37
C	24		171.18	126.09	TO	248.27
IV	55		67.43	54.75	TO	85.47
A	10		408.61	260.18	TO	753.13
B	9		454.01	283.08	TO	870.31
C USB	10		387.16	246.52	TO	713.59
C UHF	8		513.98	312.73	TO	1032.86
D USB	9		454.01	283.08	TO	870.31
D UHF	9		454.01	283.08	TO	870.31
F USB	5		776.28	424.04	TO	1970.26
E UHF	20		199.98	143.47	TO	301.78
F	22		185.34	134.84	TO	273.79
G	9		454.01	283.08	TO	870.31
V	13		298.56	199.63	TO	504.75
A	5		776.28	424.04	TO	1970.26
B	1		4117.23	1374.47	TO	79946.31
C	7		588.16	347.66	TO	1253.12

SKYLAB MANNED SL2, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE MAD

FUNCT.	#FAIL.	MTRP	SKYLAB		90% CONFIDENCE INTERVAL	
T	25		155.36	115.08	TO	223.46
A	8		513.13	312.22	TO	1031.17
B USB	7		587.34	347.17	TO	1251.38
B VHF	5		823.43	449.79	TO	2089.94
C USB	19		204.76	145.77	TO	312.72
C VHF	8		514.64	313.14	TO	1034.19
D	5		823.43	449.79	TO	2089.94
E	6		686.19	391.63	TO	1575.64
II	20		194.56	139.58	TO	293.60
A	3		1372.40	653.94	TO	5036.34
B USB	16		243.21	168.49	TO	387.79
B VHF	7		588.16	347.66	TO	1253.12
C USB	7		587.34	347.17	TO	1251.38
C VHF	7		588.16	347.66	TO	1253.12
D	3		1372.40	653.94	TO	5036.34
E	3		1372.40	653.94	TO	5036.34
III	28		145.46	109.39	TO	204.67
A USB	7		587.34	347.17	TO	1251.38
A VHF	10		411.71	262.15	TO	758.84
B	16		254.92	176.61	TO	406.46
C	16		255.31	176.88	TO	407.09
IV	40		96.32	75.63	TO	127.59
A	8		513.85	312.66	TO	1032.61
B	7		588.16	347.66	TO	1253.12
C USB	18		216.18	152.62	TO	334.50
C UHF	7		588.16	347.66	TO	1253.12
D USB	8		514.64	313.14	TO	1034.19
D UHF	7		588.16	347.66	TO	1253.12
E USB	7		587.34	347.17	TO	1251.38
E UHF	10		411.71	262.15	TO	758.84
F	15		271.91	186.36	TO	441.11
G	8		514.64	313.14	TO	1034.19
V	8		507.11	308.56	TO	1019.07
A	7		587.34	347.17	TO	1251.38
B	3		1372.40	653.94	TO	5036.34
C	4		1015.68	523.98	TO	2973.07

SKYLAB MANNED SL2, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE MIL

FUNCT.	-----		SKYLAB -----			
	#FAIL.	MTBF	90%	CONFIDENCE INTERVAL		
I		14	275.99	186.94	TO	456.50
A		5	780.83	426.52	TO	1981.80
B USB		1	4109.25	1371.81	TO	79791.27
B VHF			N.A.	1372.42	TO	'INFINITY'
C USB		11	362.95	235.38	TO	647.18
C VHF		1	4053.75	1353.28	TO	78713.60
D		5	790.84	431.99	TO	2007.22
E		6	659.03	376.13	TO	1513.28
II		8	503.53	306.37	TO	1011.86
A		0	N.A.	1372.42	TO	'INFINITY'
B USB		7	583.24	344.75	TO	1242.64
B VHF		1	4062.75	1356.28	TO	78888.36
C USB		2	2054.62	866.20	TO	11559.03
C VHF		0	N.A.	1372.42	TO	'INFINITY'
D		0	N.A.	1372.42	TO	'INFINITY'
E		0	N.A.	1372.42	TO	'INFINITY'
III		21	192.64	139.21	TO	287.50
A USB		2	2054.62	866.20	TO	11559.03
A VHF		5	823.43	449.79	TO	2089.94
B		13	311.81	208.49	TO	527.16
C		14	289.54	196.12	TO	478.92
IV		29	111.59	84.30	TO	155.99
A		6	549.41	313.56	TO	1261.56
B		6	549.41	313.56	TO	1261.56
C USB		8	502.40	305.69	TO	1009.60
C UHF		11	364.99	236.70	TO	650.82
D USB		6	549.41	313.56	TO	1261.56
D VHF		6	549.41	313.56	TO	1261.56
E USB		2	2054.62	866.20	TO	11559.03
E UHF		5	823.43	449.79	TO	2089.94
F		9	366.27	228.37	TO	702.11
G		7	470.92	278.36	TO	1003.33
V		5	802.54	438.38	TO	2036.91
A		2	2054.62	866.20	TO	11559.03
B		0	N.A.	1372.42	TO	'INFINITY'
C		3	1340.24	638.61	TO	4918.31

SKYLAB MANNED SL2, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE TEX

FUNCT.	#FAIL.	MTBF	SKYLAB	
			90% CONFIDENCE INTERVAL	
T	15	264.55	181.11	TO 429.16
A	7	588.16	347.66	TO 1253.12
B USB	1	1372.40	653.94	TO 5036.34
B VHF	1	4117.23	1374.47	TO 79946.31
C USB	14	283.44	191.99	TO 468.83
C VHF	4	1029.30	531.01	TO 3012.94
D	6	662.94	378.35	TO 1522.25
E	6	662.94	378.35	TO 1522.25
II	8	513.48	312.43	TO 1031.85
A	1	4117.23	1374.47	TO 79946.31
B USB	7	586.83	346.87	TO 1250.29
B VHF	2	2058.61	867.88	TO 11581.49
C USB	3	1372.40	653.94	TO 5036.34
C VHF	1	4117.23	1374.47	TO 79946.31
D	1	4117.23	1374.47	TO 79946.31
F	1	4117.23	1374.47	TO 79946.31
III	33	124.75	95.78	TO 170.45
A USB	3	1372.40	653.94	TO 5036.34
A VHF	8	514.64	313.14	TO 1034.19
B	25	164.67	121.98	TO 236.86
C	25	164.67	121.98	TO 236.86
IV	37	109.13	84.93	TO 146.33
A	10	404.75	257.72	TO 746.01
B	11	367.95	238.62	TO 656.10
C USB	10	410.78	261.56	TO 757.12
C UHF	7	588.16	347.66	TO 1253.12
D USB	12	337.29	222.30	TO 584.55
D UHF	10	404.75	257.72	TO 746.01
E USB	3	1372.40	653.94	TO 5036.34
E UHF	8	514.64	313.14	TO 1034.19
F	18	224.85	158.74	TO 347.92
G	10	404.75	257.72	TO 746.01
V	6	686.19	391.63	TO 1575.64
A	3	1372.40	653.94	TO 5036.34
B	1	4117.23	1374.47	TO 79946.31
C	4	1029.30	531.01	TO 3012.94

SKYLAR MANNED SL2, SL3, AND SL4 COMBINED

FUNCTIONS, (DUAL) SITE VAN

FUNCT.	#FAIL.	MTRF	SKYLAR 90% CONFIDENCE INTERVAL		
I	10	373.28	237.68	TO	688.01
A	3	1357.15	646.67	TC	4980.37
B USB	4	1017.86	525.11	TO	2979.46
B VHF	0	N.A.	1372.42	TO	'INFINITY'
C USB	8	466.60	283.91	TO	937.66
C VHF	0	N.A.	1372.42	TO	'INFINITY'
D	3	1269.71	605.01	TO	4659.50
E	3	1269.71	605.01	TO	4659.50
II	5	808.19	441.46	TO	2051.24
A	0	N.A.	1372.42	TO	'INFINITY'
F USB	5	808.19	441.46	TO	2051.24
B VHF	0	N.A.	1372.42	TO	'INFINITY'
C USB	4	1017.86	525.11	TO	2979.46
C VHF	0	N.A.	1372.42	TO	'INFINITY'
D	0	N.A.	1372.42	TO	'INFINITY'
E	0	N.A.	1372.42	TO	'INFINITY'
III	18	218.21	154.05	TO	337.64
A USB	4	1017.86	525.11	TO	2979.46
A VHF	4	1003.67	517.79	TO	2937.94
B	10	407.61	259.54	TO	751.29
C	10	407.61	259.54	TO	751.29
IV	21	186.36	134.67	TO	278.13
A	4	1029.30	531.01	TO	3012.94
B	8	514.49	313.04	TO	1033.88
C USB	5	804.45	439.42	TO	2041.75
C UHF	0	N.A.	1372.42	TO	'INFINITY'
D USB	5	823.43	449.79	TO	2089.94
D UHF	4	1029.30	531.01	TO	3012.94
E USB	4	1017.86	525.11	TO	2979.46
E UHF	4	1003.67	517.79	TO	2937.94
F	8	513.89	312.68	TO	1032.69
G	4	1029.30	531.01	TO	3012.94
V	7	577.17	341.16	TO	1229.69
A	4	1017.86	525.11	TO	2979.46
B	0	N.A.	1372.42	TO	'INFINITY'
C	3	1361.99	648.98	TO	4998.13