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July 23, 1965

MONTHLY PROGRESS REPORT

FOR MONTH OF JUNE, 1965

NASA CONTRACT NO. NAS5-3834
CONTROL NUMBERS: PC 67367 and 62625,
J. O. 636Y33-08 and 636Y33-08,
Div. Request No. 63-1293-4
ADF;
63-1293-4:
OPCON 09921 and 08475

FACILITY FORM 602

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(ACCESSION NUMBER)	(THRU)
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Monthly Progress Report for June, 1965

National Aeronautics and Space Administration
Goddard Space Flight Center
Glenn Dale Road
Greenbelt, Maryland

Attention: Contracting Officer;
Technical Information Division, Code 250;
and
Technical Representative, Code 636

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a. CONTRACT OBJECTIVES.

The objectives of this contract are to develop a miniature solid-state current limiter whose minimum voltage rating is 75 Vrms and to develop a non-destructive means of current limiter characteristic production.

b. SUMMARY OF WORK PERFORMED.

Additional modifications of the element configuration for the one-through five-amp. current limiters are being investigated to meet the contract requirements.

It was necessary to purchase additional materials for the construction of the non-destructive tester. Completion of the tester has been delayed pending receipt of parts.

c. CONFORMANCE TO WORK SCHEDULE.

Work is proceeding according to the modified work schedule.

d. ANALYSIS OF WORK PROGRESS.

Additional work is required to completely eliminate the excessive arcing in the one-through five-amp. current limiters.

e. EFFORTS TO ACHIEVE RELIABILITY.

Not applicable at this time.

f. ADEQUACY OF FUNDS.

Funds are adequate to complete the task as seen at this time.

g. PERSONNEL CHANGES.

None.

h. WORK PLANNED FOR NEXT PERIOD.

Additional design and testing of the one- through five-amp. current limiters will continue.

The prototype non-destructive tester will be completed upon receipt of the remainder of the parts, and data correlation will be initiated.

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