



TWO-STAGE VEHICLE FOR
UNIVERSITY OF CALIFORNIA RADIATION LABORATORY

PROGRESS REPORT NO. 11

For the period between
1 September 1958 and 30 September 1958

BEST COPY AVAILABLE

Subcontract No. 108
Appendixes B, C, and D

Submitted by
COOPER DEVELOPMENT CORPORATION
Monrovia, California

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1 September 1958 to 30 September 1958

Subcontract No. 108, Appendixes B, C, and D

This informal monthly progress report is the eleventh of a series submitted in partial fulfillment of Subcontract No. 108. The information is regarded as preliminary and subject to further verification and analysis.

I. Design

Drawings of the redesigned head were completed.

II. Manufacture and Delivery

Two heads, made in accordance with the new drawings, are being fabricated and are expected to be completed by 31 October.

III. Electronics

Complete.

IV. Wind Tunnel Tests

Complete.

V. Tests

The two new heads will be tested at CDC and at the Morris Dam Small Calibre Range, Azusa, between 1 and 15 November. Pressure and drop tests, similar to those conducted during August on variously modified heads, will be conducted to determine the effectiveness of the head sealing system. Two flight test rounds, using the two new heads, will be fired during the week of 17 - 21 November at NAMTC, Point Mugu, to evaluate the redesign.

VI. Prototype Firings

Disposition of the remaining rounds has not yet been decided.