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FEB 1 1 1963

File: E-3

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Completed: 1-24-63

MR. W. H. CURRY - 7134

RECEIVED

Attn: M. Kane

FEB 15 1963

Re: Hydrostatic Test of Drogue Gun

CENTRAL RECORD FILE

PROGRAM

CATEGORY

ORG.

DATE

Object of Test

A series of water-drop tests are planned for the R.B.B. Vehicle at Dabob Bay. Division 7134 has been requested to develop a retardation device to prevent the vehicle from burying itself in the mud-bottomed bay. The retardation device will consist of a parachute system, which is deployed at 400 feet depth beneath the water surface.

The object of this test is to prove the functionability of the drogue gun, which deploys the parachute while immersed in water at a simulated depth of 400 feet (175 psi).

Authorization for Test

This test was requested by Division 7134 in a Work Order Authorization received January 23, 1963. Mr. M. Kane, 7134, was the consultant. The material for test was received January 24, 1963.

Summary

The Drogue Gun was placed under water in a pressure chamber at 175 psi pressure and 28 volts DC was applied to the two squibs in parallel. The squibs fired and the unit functioned properly.

D L Krenz

D. L. KRENZ - 7331-D

C.W. Childers

C. W. CHILDERS - 7332-4

DLK:cm

Copy to:
C. S. Williams, 1442
D. S. Bliss, 2344
E. H. Copeland, 7331
C. L. Johnson, 7523
Central Record File, 3421-3

TCG-NNT-1

10/21/98
W Hoyne
10/22/98
R B Craner
oa for dpermet

Dennis Badger 10/23/98
WC Hoyne 10/28/98

R B Craner
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