

JUL 16 1963

Review Date: <u>6-29-98</u> Authority: <u>R.B. Cronin</u> Signature: <u>R.B. Cronin</u>	Classification (Circle numbers) Classification Retained: <u>u</u> Classification Changed to: Consistent with DOE Classification: <u>u</u> Consistent with UCAP: <u>u</u> Comments: <u>OK for permit</u>
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File No: T-14
T-19719
Test Completed: 6-21-63

MR. T. J. HOBAN - 7212
Attn: Mr. W. H. Hess

Re: Centrifuge Test of the 53.73-15 Telemetry Package (U)

Object of Test

The object of this test was to prove the structural integrity of the 53.73-15 telemetry package, and to determine if it would function when subjected to the sustained acceleration encountered during qualification flight.

RECEIVED

JUL 16 1963

Authorization

CENTRAL RECORD FILE

This test was requested in an Environmental Test Order from Division 7212 to B. Johnson, 7331-1, dated 6-14-63. Mr. W. H. Hess was the consultant.

Procedure and Results

The 53.73-15 telemetry package was first mounted in the launch orientations shown in Figure 1 and subjected to an acceleration 12g for a period of 60 seconds. The unit was next mounted in the re-entry orientation Figure 2, and subjected to an acceleration of 68g for a period of 60 seconds. The unit was then mounted in the vertical orientation, Figure 3, and subjected to an acceleration of 20g for a period of 60 seconds. The unit was then rotated 90° about the longitudinal axis to the lateral orientation and subjected to an acceleration of 20g for a period of 60 seconds.

During the vertical and lateral orientation tests the tape recorder did not function correctly. All telemetry functions appeared satisfactory. There was no apparent structural damage to the unit as a result of this test. The tape recorder will be replaced by a new one before this unit is subjected to vibration.

UNCLASSIFIED

SANDIA SYSTEMATIC DECLASSIFICATION REVIEW
 DOWNGRADING OR DECLASSIFICATION STAMP
 53/Titan II
 3-2

SANDIA SYSTEMATIC DECLASSIFICATION REVIEW DOWNGRADING OR DECLASSIFICATION STAMP	
CLASSIFICATION CHANGED TO: <u>u</u>	AUTHORITY: <u>R.B. Cronin</u>
PERSON CHANGING MARKING & DATE: <u>Emelda Seger 7/1/98</u>	RECORD ID: <u>98SN2699</u>
PERSON VERIFYING MARKING & DATE: <u>W.C. Lane 7/1/98</u>	DATED: <u>6/30/98</u>

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Mr. T. J. Hoban - 7212

- 2 -

T-19719

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This test was run in accordance with SC-4452B(M).

T. H. Traver
T. H. TRAVER - 7323-2

D. T. Judd
TEST PROJECT ENGINEER: D. T. JUDD - 7331-1

B. L. Johnson
APPROVED BY: B. JOHNSON - 7331-1

THT:7323-2:rw

Encl: Figures 1, 2, 3

Copy to:

C. S. Williams, Jr., 1642

D. S. Bliss, 2344

E. H. Copeland, 7331

C. L. Johnson, 7523

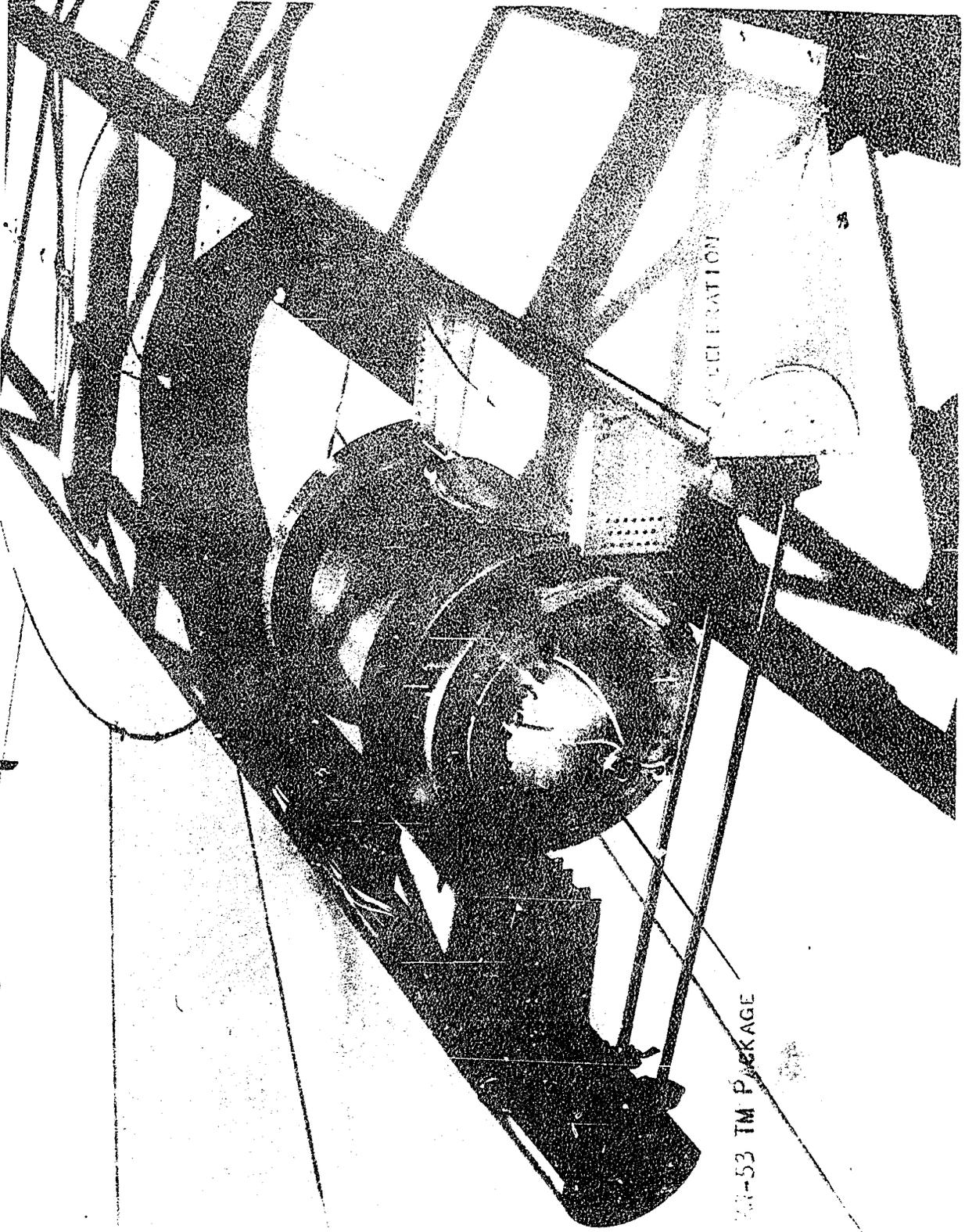
Central Record File, 3421-3

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D# 63-1567



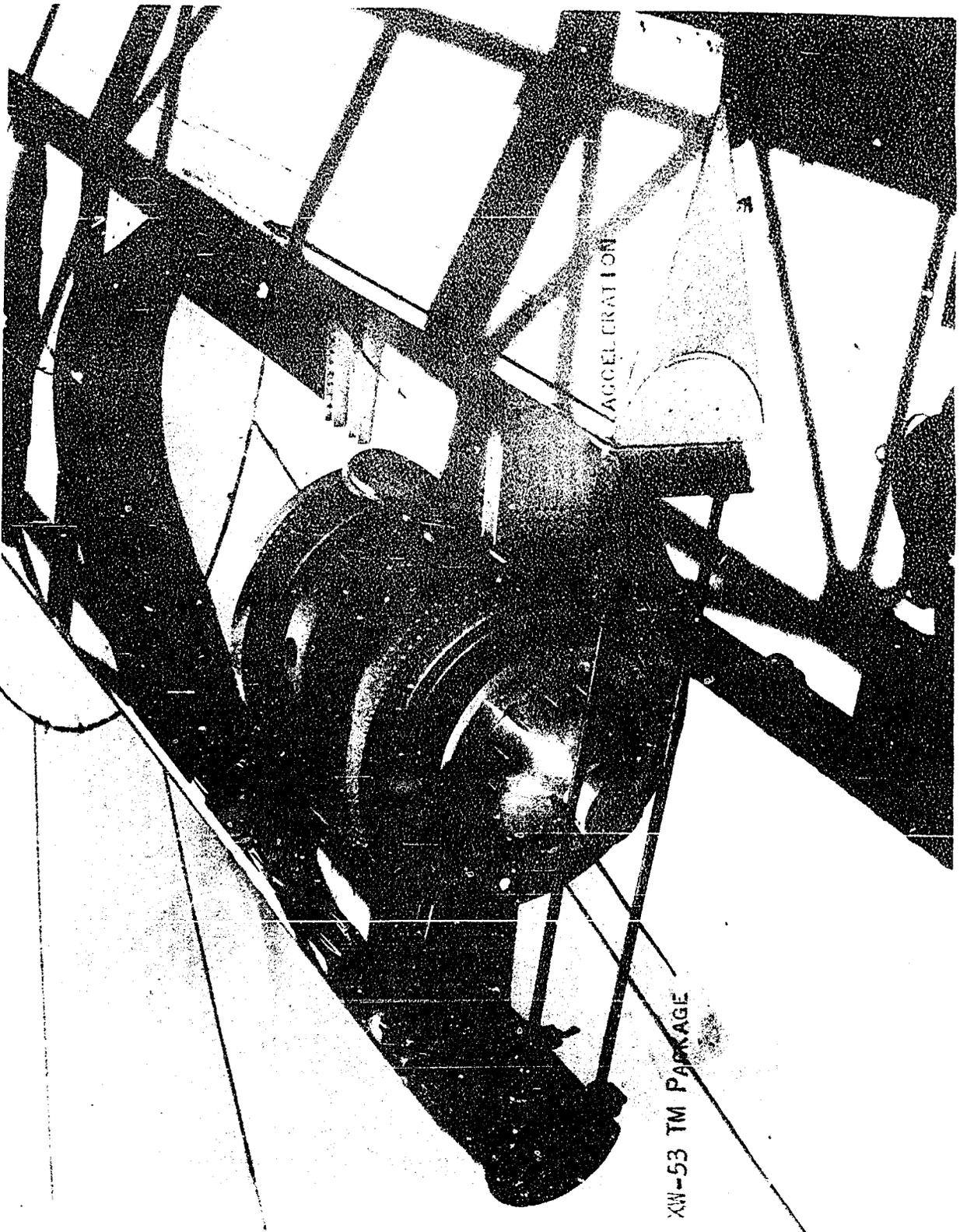
OPERATION

TM PACKAGE

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D#63-1568

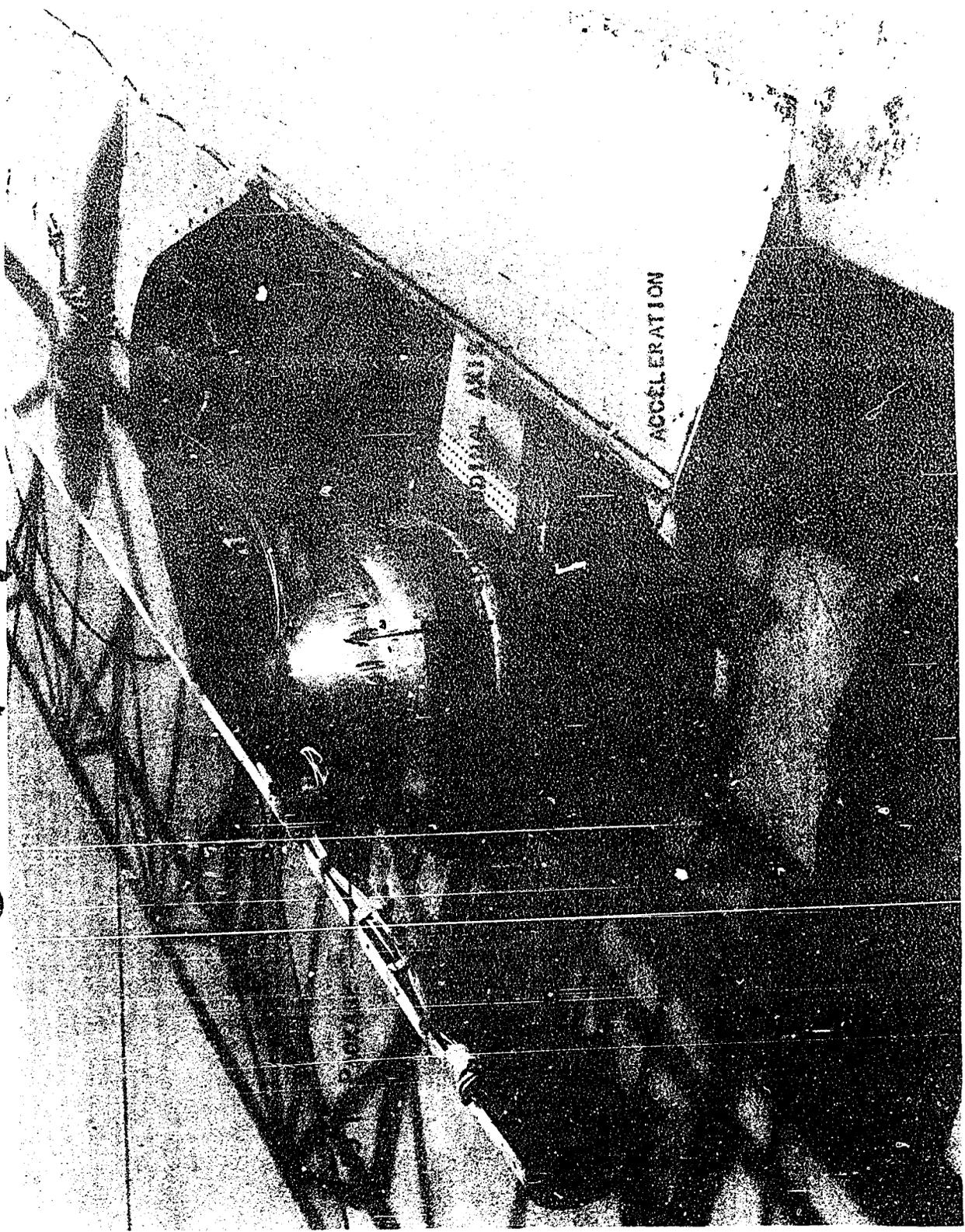
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D#63-1569



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[REDACTED]

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