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SANDIA SYSTEMATIC DECLASSIFICATION REVIEW
1st Review Date: 7/08/98
Authority: ☐ADC ☐DDO W Hayne
Name:
2nd Review Date: 7/13/98
Authority: ADC
Name: R B Cramer
Determination (Circle Numbers)
1. Classification Retained
2. Classification Changed to U
3. Contains No DOE Classified Information
4. Coordinate With:
5. Contains UCNI? NO
6. Comments: OK for Opennet

NOV 9 1961
File No: TX-53, 3-2
T-18016
Test Completed 9-11-61

CENTRAL RECORD FILE
ACCOUNTABILITY CARD
FILE No. TX 53
3-2

MR. E. I. BRUCE - 7117
Attn: L. F. Miller

Re: Explosive Test of TX-53 No. 62-L

Summary of Test

Four each nylon parachute straps on TX-53 No. 62-L were severed by using 10 feet of 15 gr./ft. shaped MDF primacord detonated by 2 each Dupont X-257 mild fuse ignitors.

The test was successful in that both ends of each nylon parachute straps were severed with the exception of one which was held by 3 strands. This would not have been sufficient to cause the parachute to remain attached, according to test consultant.

Object of Test

The object of this test was to sever the parachute retard lines on TX-53 unit 62-L with primacord and to determine the effectiveness of 15gr./ft. shaped MDF for cutting same.

Authorization for Test

This test was requested in a Work Order Authorization for Explosive Test of the TX-53 No. 62-L straps from E.H. Copeland, 7321, to P. H. Adams, 7323, dated 8-9-61. L. F. Miller, 7117, was the consultant.

Setup for Test

Figure 1 shows nylon straps on TX-53 No. 62-L before cutting. Actual setup consisted of hooking up 2 each X-257 Dupont mild fuse ignitors.

No instrumentation was used.

Results

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Figure 2 shows the results of nylon straps on TX-53 No. 62-L after test. Figure 3 shows nylon strap on which 3 strands were not cut by the MDF. The

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DOWNGRADING OR DECLASSIFICATION STAMP
CLASSIFICATION CHANGED TO: U
AUTHORITY: R.B. Cramer
Emelda Selph 7/21/98
PERSON CHANGING MARKING & DATE
RECORD ID: 98SW2857
W Hayne 7/22/98
PERSON VERIFYING MARKING & DATE
DATED: 7/13/98

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strap was pulled loose from the unit after the test. The test was termed successful. The uncut nylon parachute strands would not have been strong enough to prevent release of the parachute.

GEORGE C. GARCIA - 7323-1

7321 Project Engineer: DALE BUCHANAN - 7321-5

Approved By: R. S. HOOPER - 7321-5

GCG:7323-1:mv

Encl: Figs. 1-3

Copy to:
J. M. Wiesen, 1442
D. S. Bliss, 2344
W. L. Stevens, 7162
D. N. Bruce, 7182
E. H. Copeland, 7321
C. L. Johnson, 7523
R. K. Smeltzer, 3421-3
L. C. Horpedahl, W-1, LASL, Attn: S. D. Huffman
R. S. Gauler, GMX-3, LASL, Attn: D. F. Mitchell

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D#61-18336

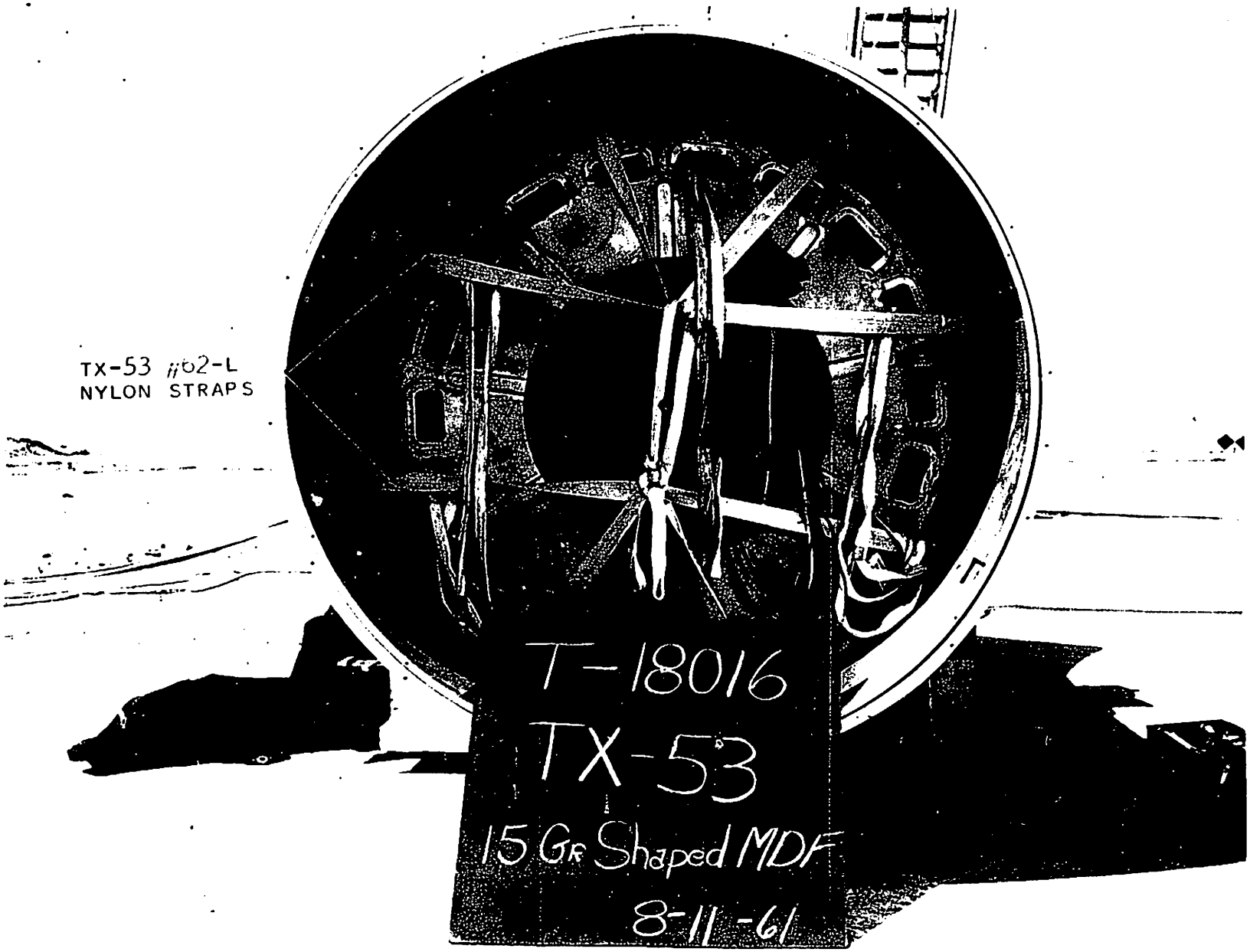

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FIGURE 1 - NYLON STRAPS ON TX-53 #62-L BEFORE TEST PROJECT NO. T-18016

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#61-18327

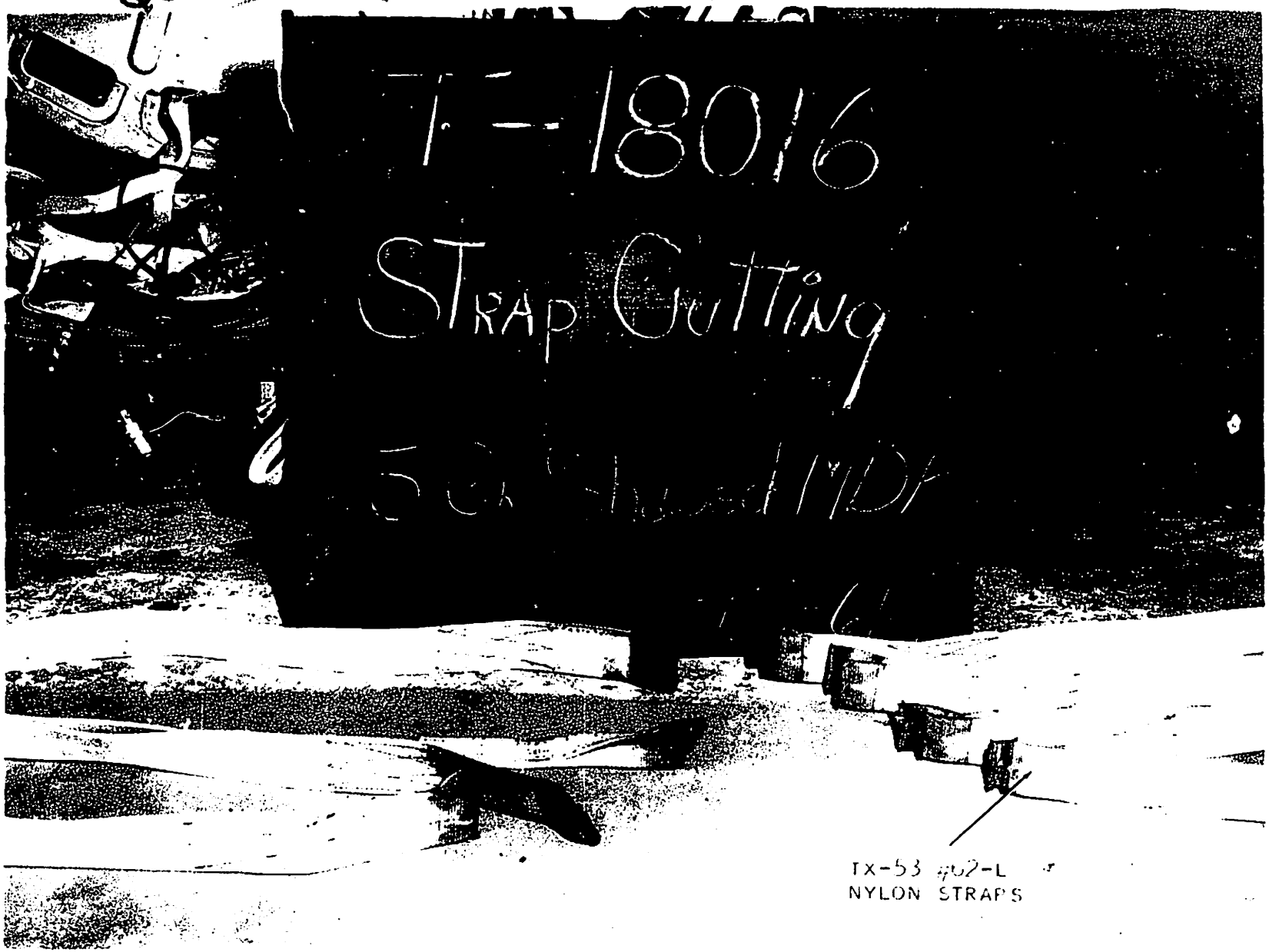

FIGURE 2 - NYLON STRAPS ON TX-53 #62-L AFTER TEST PROJECT NO. T-18016

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D#61-18322

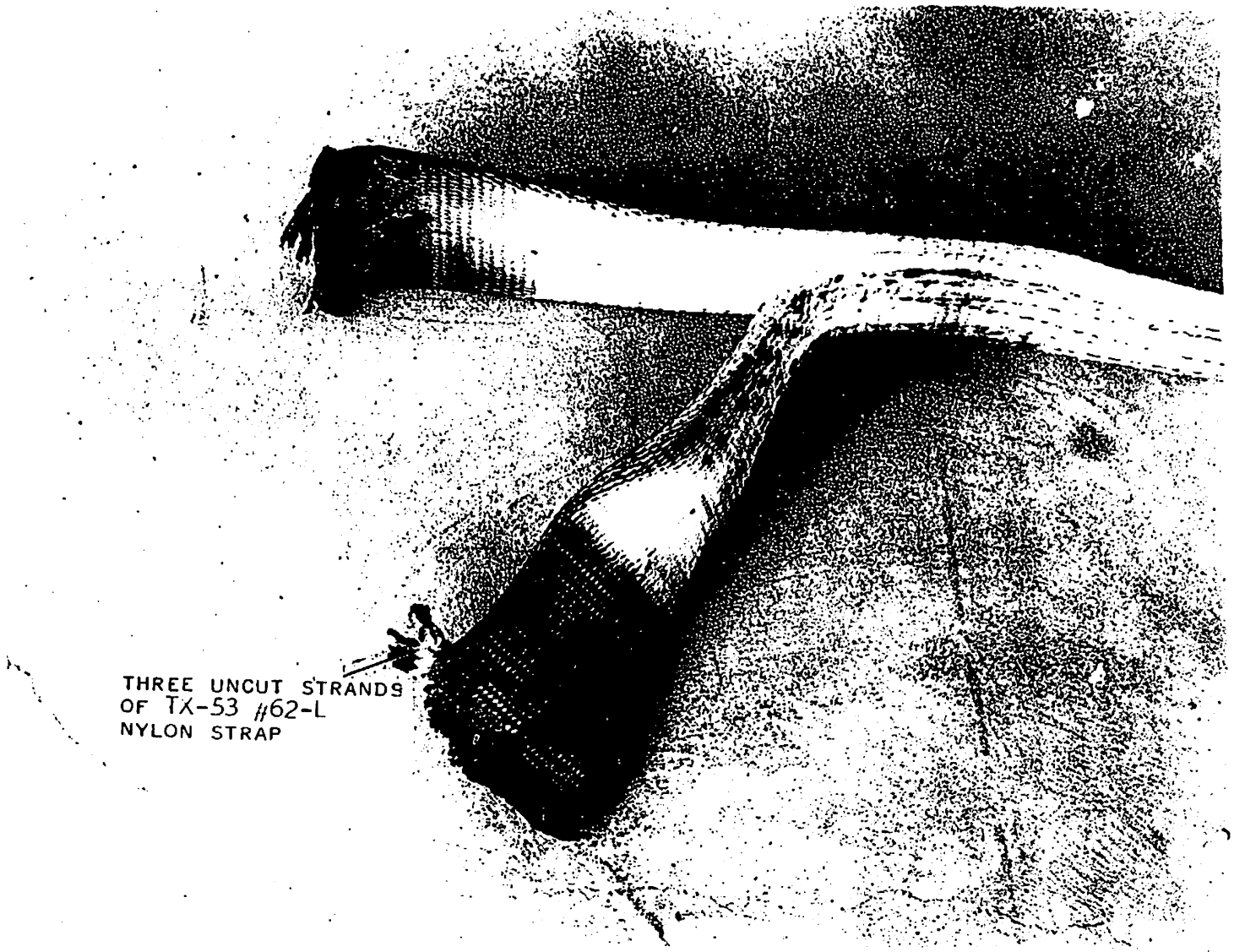

FIGURE 3 - NYLON STRAP ON WHICH 3 STRANDS WERE NOT CUT BY MDF

PROJECT NO. T-18016

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