



A close-up of the target is shown in Figure 3. The vertical reinforcing rods were set in concrete slabs as shown. The rods are 1/2 inch in diameter, set on three-inch centers, and protrude twelve inches from a six inch thick concrete slab.

Test Results

The acceleration signatures and a list of the instrumentation used are shown in Table I. The equipment used to perform this test is listed in Table II.

Figures 4 and 5 show the damage resulting to the H912 container. The B54-0 suffered no apparent damage as a result of this test.

*T. L. Evans*

T. L. EVANS - 7325-2

*R. P. May*

Test Project Engineer: R. P. MAY - 7331-1

*Bill Johnson*

Approved by: BILL JOHNSON - 7331-1

TLE:7325-2:dc

Encs: Figures 1-5  
Tables I-II

Copy to:

- C. S. Williams, Jr., 1442
- R. T. Othmer, 1541
- D. S. Bliss, 2344
- E. H. Copeland, 7331
- C. L. Johnson, 7523
- Central Record File, 3421-3

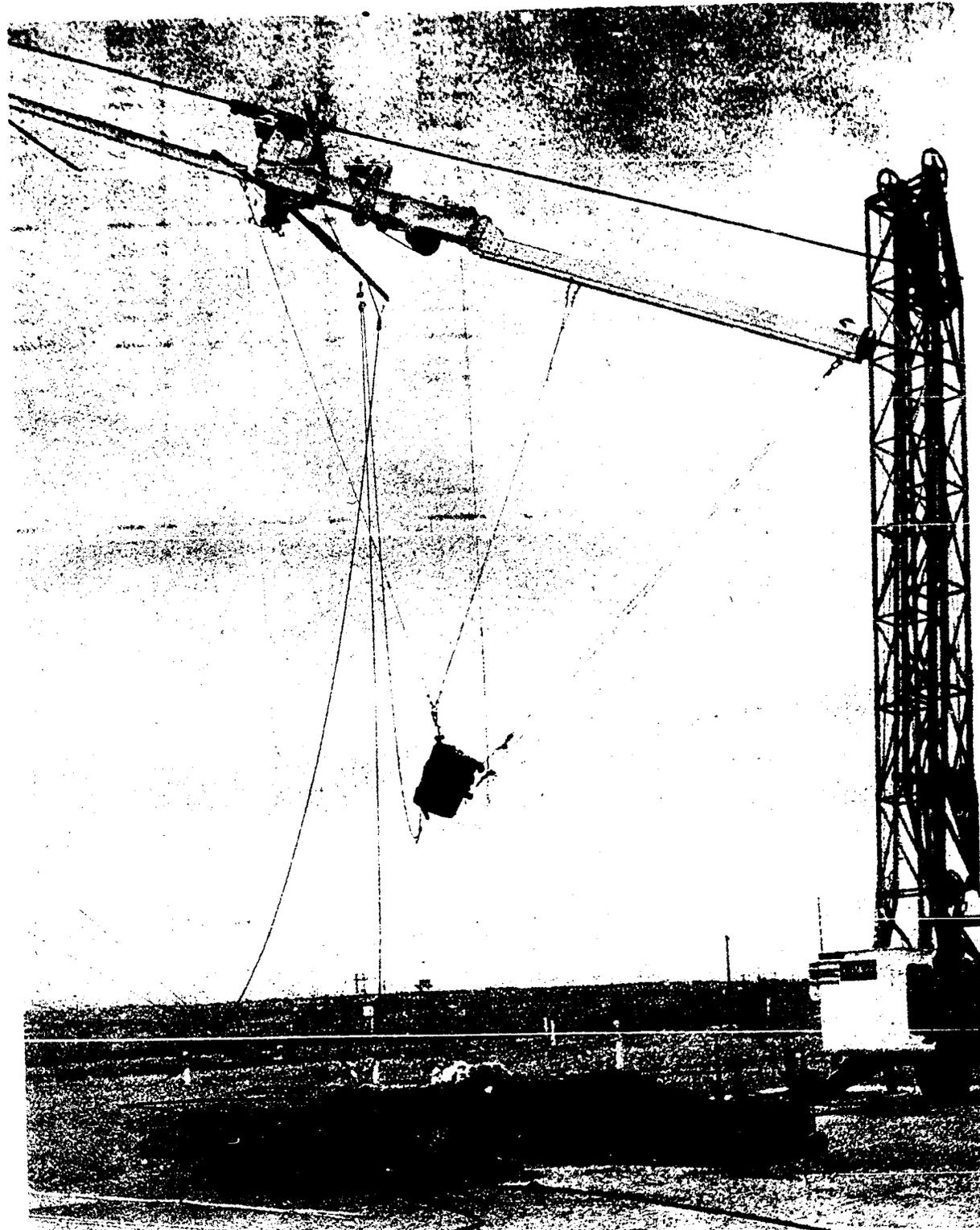


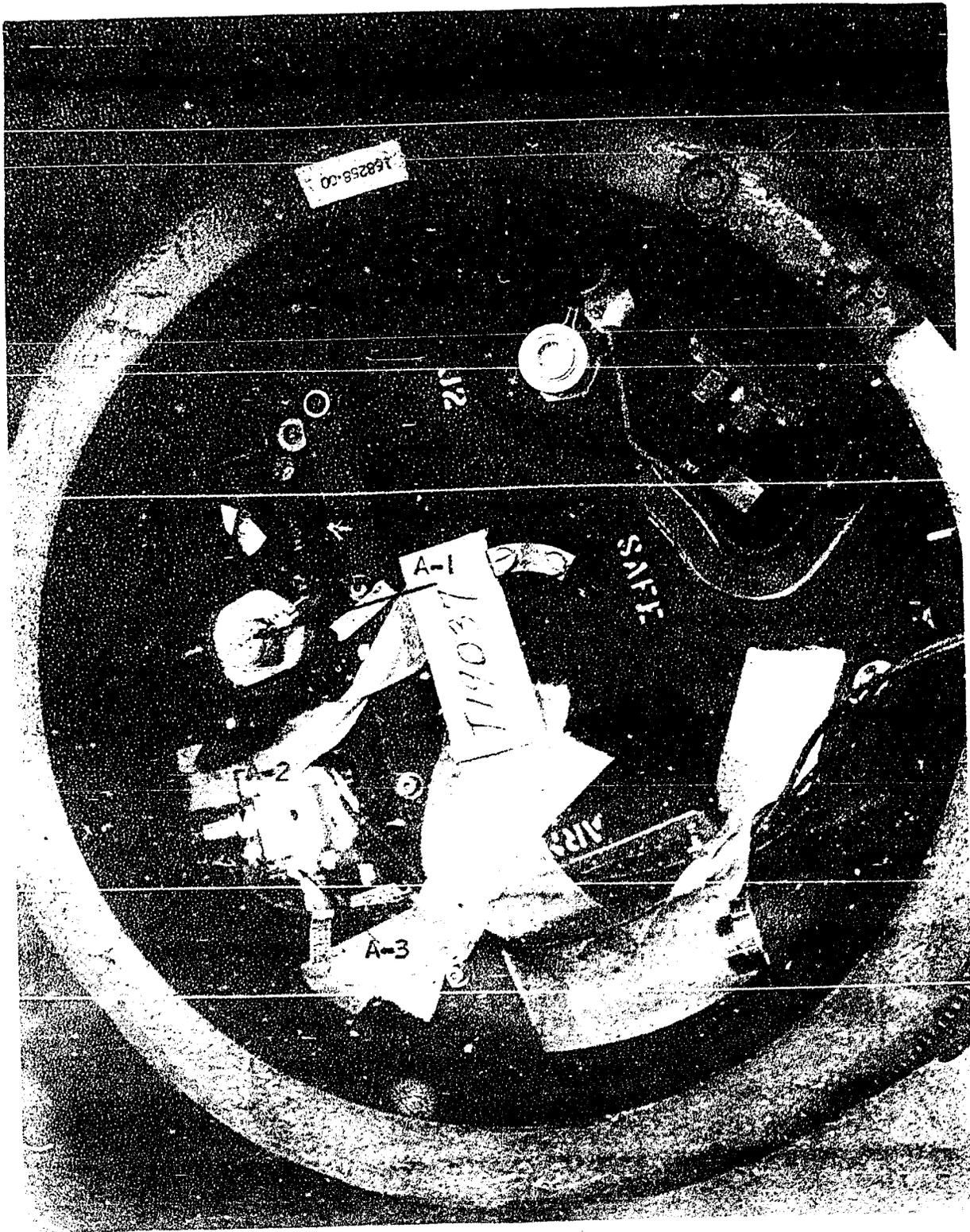
FIG. 1. CRANE WITH CABLE TOWER AT THE 150-... WITH THE FOOT DIAMETER  
 TOWER  
 DIRECT TOWER OF 54-0 (CABLE) UNIT A

1784

1-1993

[REDACTED]

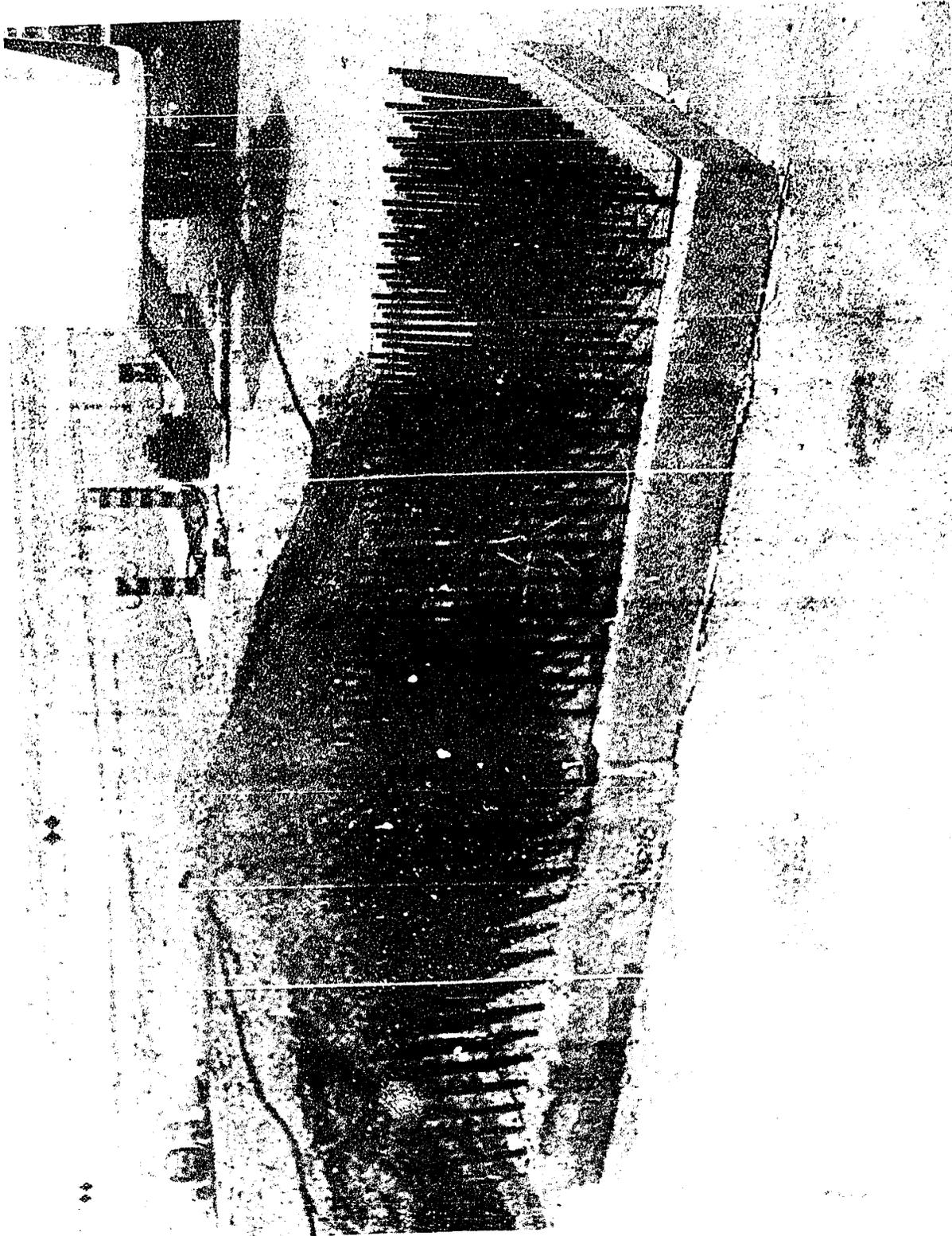
UNCLASSIFIED



[REDACTED]

UNCLASSIFIED

UNCLASSIFIED



UNCLASSIFIED

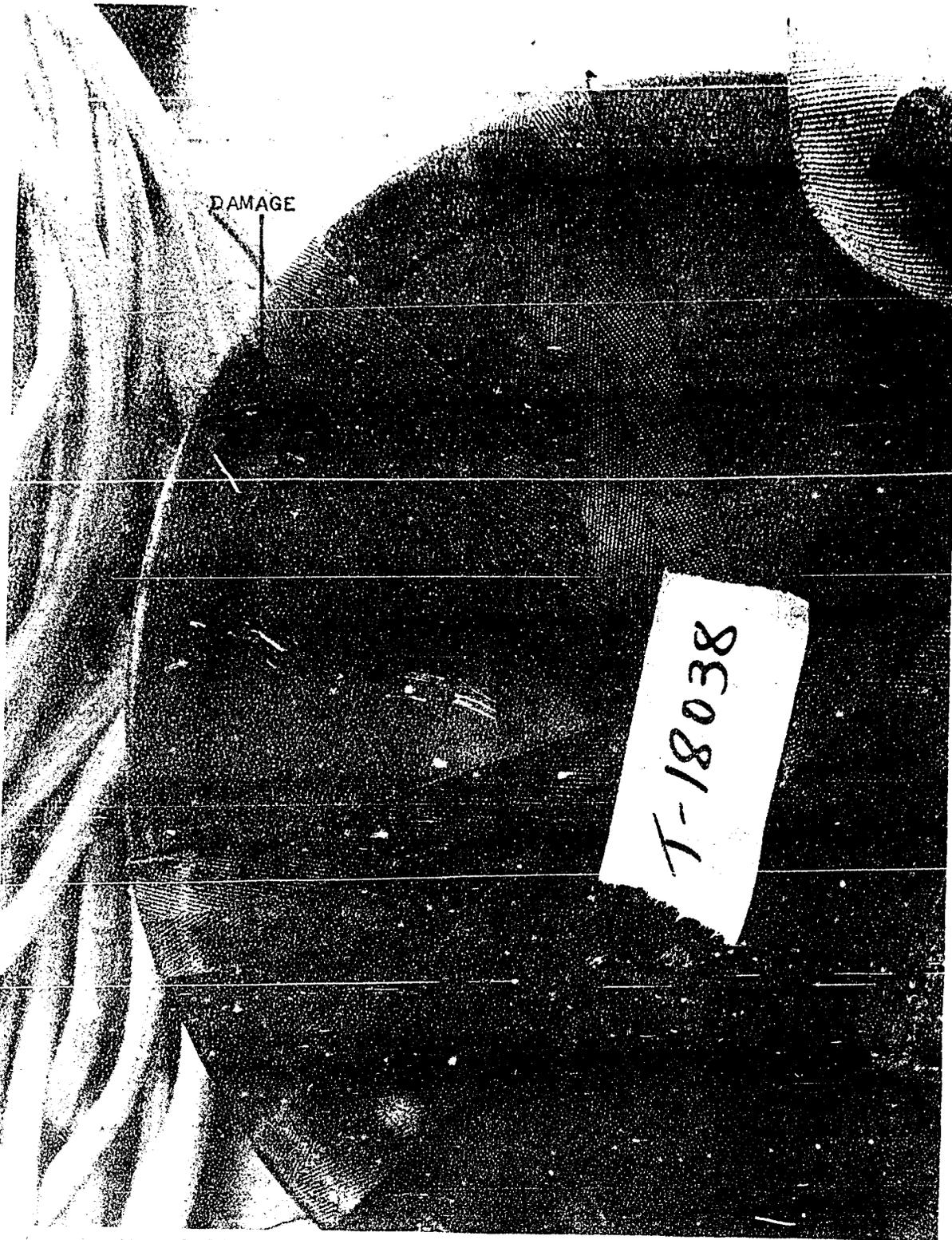
UNCLASSIFIED

DAMAGE

T-18038

UNCLASSIFIED

UNCLASSIFIED



DAMAGE

T-18038

UNCLASSIFIED

1758

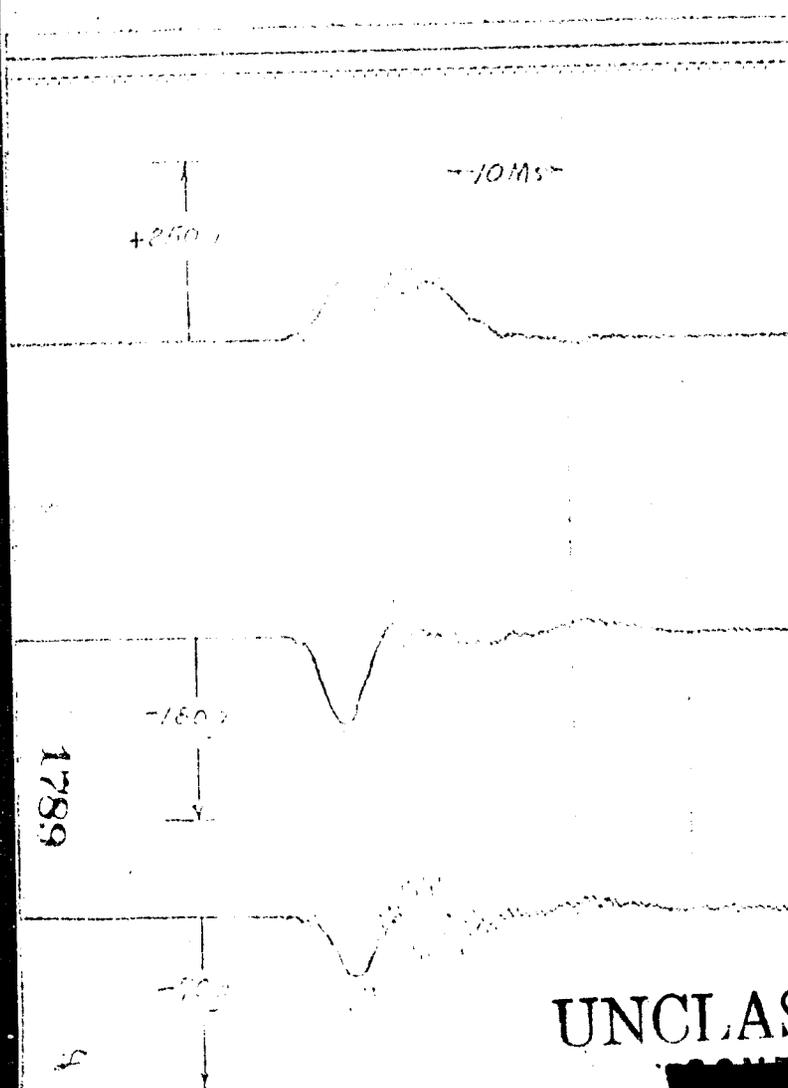
UNCLASSIFIED

TABLE I

ACCELERATION DATA  
DROP TEST OF B54-0 (SADM) UNIT A

711038

TRANSDUCER INFORMATION				Acceleration Data				
GAGE NO.	MODEL & F <sub>N</sub> (CPS)	STA. NO.	LOCATION AND SENSING DIRECTION	MAX + (g)	MAX - (g)	MFP (g)	RISE (MS)	DURATION (MS)
A-1	Emisco 2213 30,000cps		Timer Longitudinal	112	15	+32	1	12
A-2	Emisco 2213 30,000cps		Timer Vertical	115	41	+12	1	13
A-3	Emisco 2213 30,000cps		Timer Horizontal	15	40	-1	1	7



UNCLASSIFIED

[REDACTED]

**UNCLASSIFIED**

7-18033

TABLE II

EQUIPMENT USED

Drop Test of B54-D (SADM) Unit A

<u>Name</u>	<u>Type</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Sendia No.</u>
Dynamic Amplifiers	-----	504b	----	116754
Oscillograph Recorder	5-119	5-119	3071	89965
Cathode Followers	-----	----	121-25	----
135 Foot Drop Tower	-----	----	----	----

**UNCLASSIFIED**

[REDACTED]

1790