[redacted]

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UNCLASSIFIED

SANDIA SYSTEMATIC DECLASSIFICATION REVIEW
1st Review Date: 9/16/98
Authority: DOC & ADD
Name: D Buchanan
2nd Review Date: 9/24/98
Authority: ADD
Name: W Kayne
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:
Declassify

DEC 20 1960

File: XW-40, 3-2
T-16107
Project No. 13.787.00

TO: DISTRIBUTION

Re: Accoustical Noise Test of the XW-40 (Part C)

Object of Test

The object of this test was to determine the adequacy of the XW-40 warhead when exposed to a white noise sound pressure level of 130 db above a reference level of 2×10^{-4} dynes per sq. cm. for 30 minutes.

Procedure and Results

An XW-40 with a simulated HE assembly of molded plastic was mounted in the 40 cu. ft. reverberant chamber as shown in Fig. 1 and subjected to a white noise sound pressure level of 130 db above a reference level of 0.0002 dynes per sq. cm. for 30 minutes. Upon completion of the test a visual inspection was conducted and no structural damage was discerned.

A complete disassembly inspection was conducted by LASL and revealed no deleterious damage.

A continuity check was made at the completion of this test and indicated no functional impairement.

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Dal Buchanan
D. BUCHANAN - 7321-5

R. S. HOOPER - 7321-5

FILE
XW-40
3-2

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SANDIA SYSTEMATIC DECLASSIFICATION REVIEW
DOWNGRADING OR DECLASSIFICATION STAMP
CLASSIFICATION CHANGED TO: U
AUTHORITY: W C Kayne
PERSON CHANGING MARKING & DATE: Emelda Segh 9/24/98
RECORD ID: 98SN4452
PERSON VERIFYING MARKING & DATE: WC Kayne 9/28/98
DATED: 9/24/98

[redacted]

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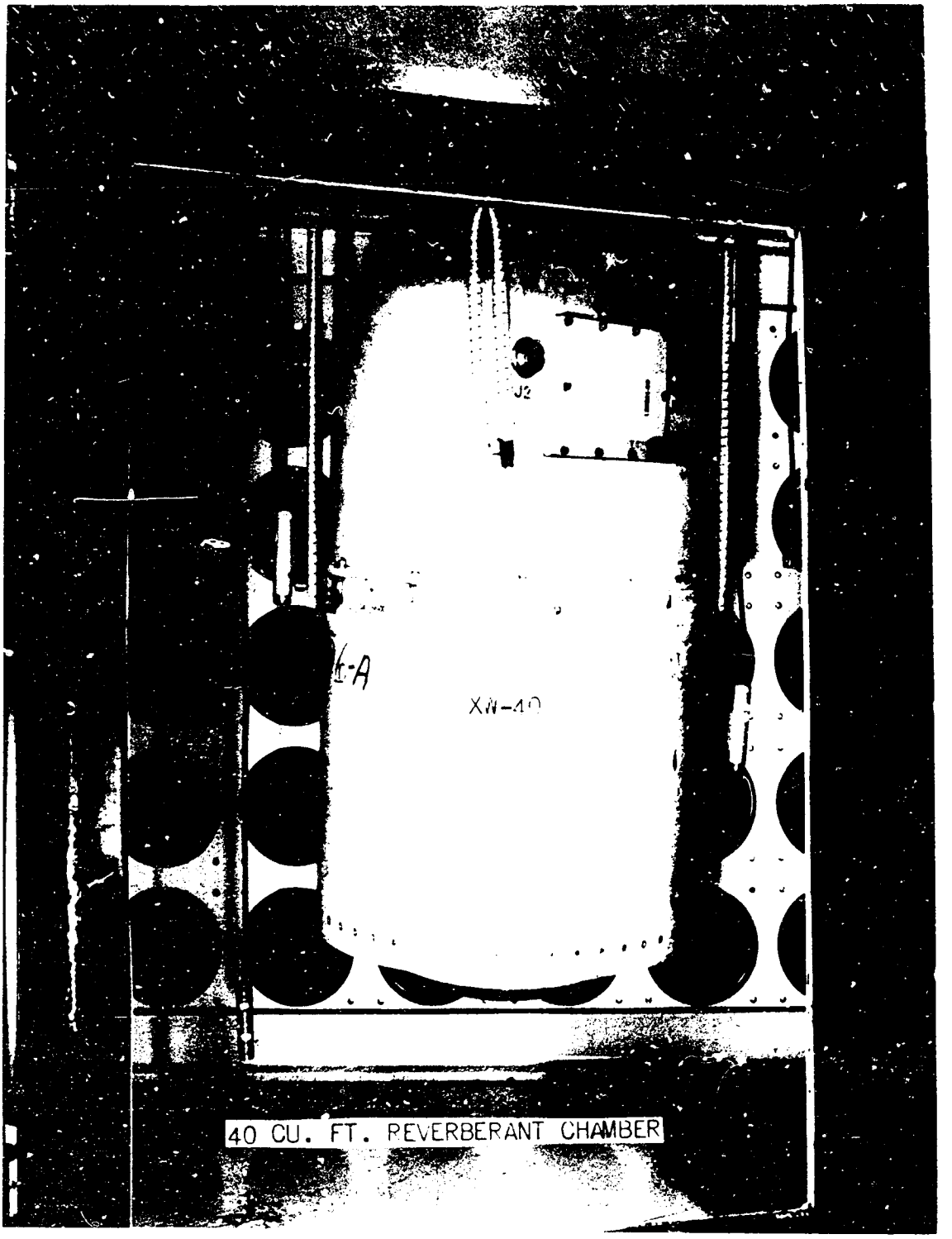

FIGURE 1 -- SETUP FOR TEST -- ACOUSTICAL NOISE TEST OF THE XW-40 (PART C).

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T-16107

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