[redacted]

JUN 30 1952

1208

UNCLASSIFIED

Ref. Symbol: 1531
Project No. ET-712

MR. R. E. JOCKLE - 1281

SANDIA SYSTEMATIC DECLASSIFICATION REVIEW
1st Review Date: 10/27/98
Authority: DOE/OD ADD
Name: R. Blanar
2nd Review Date: Not Req'd
Authority: DOE/OD ADD
Name: per DOE/OD Alt mt.
Determination (Circle Number(s)) 1 Classification Retained 2 Classification Changed to U 3 Contains No DOE Classified Information 4 Coordinate With 5 Contains UCA No 6 Comments OK for Release

TCG-NNT-1

Re: Deflection of H-65 Container Support Arms

Object of Test

The object of this test was to determine the force required to deflect the support arms sufficiently to increase the distance between them by 0.125 inch.

Function of Object Tested

The H-65 container is designed for transport and storage of the mechanical assembly of the TX-7. The arms serve as support for the assembly.

Authorization for Test

This test was requested by Division 1281 in a Work Order Authorization dated March 31, 1952. Mr. A. B. Cole was the consultant.

Procedure

The support arms were deflected with a Model P-76 Blackhawk jack, and the magnitude of the force was measured with a Model ES-5 Cox and Stevens weighing kit. Both the weighing cell and the jack were held rigidly between the support arms by a two-inch round steel connecting piece. The specified distance between the support arms is 32-1/4 ±0.015 inch.

SEP 1959

Summary of Results

Approximately 380 pounds was applied to the support arms to produce the required deflection. This represents the average of four deflection tests. The actual loads recorded were 385, 386, 372, and 376 pounds. Permanent set appeared to be no greater than five per cent of the total deflection.

SANDIA SYSTEMATIC DECLASSIFICATION REVIEW
DOWNGRADING OR DECLASSIFICATION STAMP
CLASSIFICATION CHANGED TO: U
PERSON CHANGING MARKING & DATE: Cermele Gallegos 12/14/98
PERSON VERIFYING MARKING & DATE: W C Payne 12/16/98
AUTHORITY: RB Cramer
RECORD ID: 99SN0312
DATED: 10/27/98

Test Conducted by R. S. HOOPER - 1531

Original Signed By
R. L. WAGAR

Approved by R. L. WAGAR - 1531

RSH:nj

Copy to:
L. J. Paddison - 1500
A. F. Gone - 1510
G. H. Roth - 1520
T. B. Morse - 1530
E. H. Draper - 1240
J. M. Ralls - 1521-4 Attn: 1500 Drawing File

H-65
3-2

[redacted]

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SC 6505 (3 51)

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WORK ORDER AUTHORIZATION

1209

DISTRIBUTION ORIGINAL — TO COST ORGANIZATION
2 COPIES — TO ORGANIZATION DOING WORK
1 COPY — RETAINED BY ORIGINATING ORGANIZATION

TO: 1531

JOB ORDER NO:

DESIGN PREL [X] PROD [ ] REDES [ ]

DEV WORK CLASS: 433.0

TEST REQUEST [X]

URGENCY X [X] A [ ] B [ ]

DRAWING NOS:

DATE REQUIRED: 4-15-52

MATERIAL SUPPLIED: H-65 Container

DEADLINE: 4-15-52

DATE COMPLETED:

SECURITY CLASS: O.U.O.

DESCRIPTION (INCLUDE QUANTITY)

H-65 ROADABLE CONTAINER

Determine force required to deflect support arms .125 inch when center ring is assembled (See enclosed sketch).

Force is to be measured at extremity of support arm on shortest cantilever.

ORGANIZATION DOING WORK

WORK PERFORMED BY: PHONE:

EST HOURS: ACTUAL HOURS:

SIGNATURE:

UNCLASSIFIED

ORGANIZATION REQUESTING WORK

ORGANIZATION TO BE CHARGED: 1281

CONSULTANT: A. B. Cole PHONE: 2-3145

ESTIMATED COST: DATE: 3-31-52

	PRELIMINARY APPROVALS				FINAL APPROVAL: EXPENDITURE	FINAL APPROVAL: DESIGN	ACCOUNTING CLASSIFICATION
ORGAN					1281-1		ACCOUNTING CERTIFICATION
APPROVAL				Original Signed By P. F. JOCKEL JR			