

MILITARY STANDARD

MIL-STD-1386-34

LOADING OF HAZARDOUS MATERIALS AND ASSOCIATED ITEMS IN MILVAN CONTAINERS

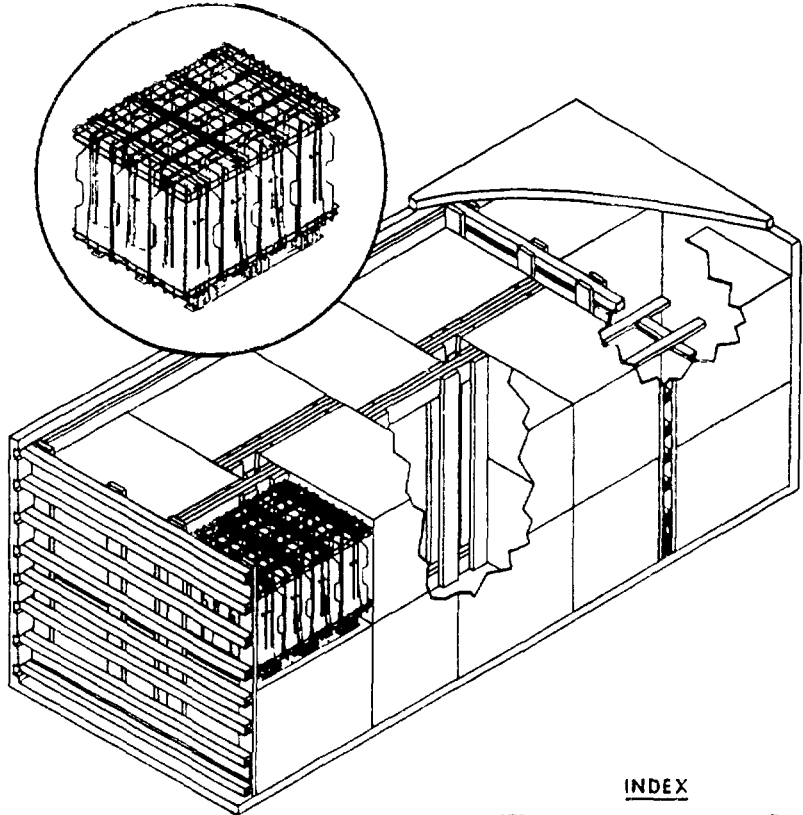
(NAVY)

11 JANUARY 1974

FIN ASSEMBLY, BOMB, MK 15 AND MODS (SNAKEYE)
IN PALLET ADAPTER ADU-383/E
FLEET ISSUE UNIT LOAD

UNIT LOAD DATA

UNIT LOAD DRAWING	VR-54/242
WEIGHT	971 LBS
DIMENSIONS	48 1/4 L x 36 1/4 W x 37 3/4 H
CUBE	38.2 CU FT
DOT HAZARD CLASSIFICATION	INERT
COAST GUARD CLASSIFICATION	NONE



NOTES

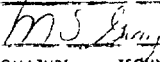
- 1 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
- 2 FOR CROSS REFERENCE TO ASSOCIATED PALLETIZING, TRUCK LOADING AND CARLOADING MILITARY STANDARDS, REFER TO THE INDEX TO STANDARDS, MIL-HDBK-236 (NAVY).

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FSC 8140

AUTHORIZED FOR TRAILER-ON-FLAT-CAR (TOFC), CONTAINER-ON-FLAT-CAR (COFC), CONTAINERSHIP AND HIGHWAY SHIPMENTS


 SIGNATURE _____ TECHNICAL DIRECTION AGENT (TDA) _____ DATE _____
 SIGNATURE _____ APPROVED BY DIRECTION _____ DATE _____

ORIGINATOR


 SIGNATURE _____

NAVAL WEAPONS HANDLING LABORATORY
 114 D EARLE, NEW JERSEY

OF 4

MIL ST-1386-34 (NAVY)

GENERAL NOTES

- 1 THIS DOCUMENT GIVES DETAILED INSTRUCTIONS FOR LOADING THE MILVAN CONTAINER WITH FLEET ISSUE UNIT LOADS OF BOMB FIN ASSEMBLIES MK 15 AND MODS IN PALLET ADAPTER ADU-3B3/E THE UNIT LOAD SHALL BE IN ACCORDANCE WITH WR 54 24.
- 2 THE MILVAN SHALL BE EQUIPPED WITH A MECHANICAL LOAD-BRACING SYSTEM THAT MEETS THE REQUIREMENTS OF THE BUREAU OF EXPLOSIVES PAMPHLET 6C.
- 3 IN ADDITION TO THE BELT RAILS REQUIRED BY PAMPHLET 6C THE MILVAN CONTAINER HAS BELT RAILS AT THE 72 AND 83 INCH HEIGHT FROM THE CONTAINER FLOOR.
- 4 CONTAINERS ARE EQUIPPED WITH 25 CROSSMEMBERS. UNUSED CROSSMEMBERS MUST REMAIN WITH THE CONTAINER AND SHALL BE FASTENED INTO BELT RAILS FOR SHIPMENT.

CAUTION

WHEN POSITIONING CROSSMEMBERS MAKE A VISUAL CHECK TO ENSURE THAT CROSSMEMBERS ARE LOCKED SECURELY IN PLACE.

- 5 WHEN THE LONGITUDINAL SLACK BETWEEN A CROSSMEMBER AND THE SEPARATOR GATE IS GREATER THAN ONE INCH USE FILL MATERIAL TO SHIM BETWEEN CROSSMEMBER AND GATE AS SHOWN IN DETAIL C.
- 6 THICKNESS OF FILLER ASSEMBLY DETAIL D MAY BE VARIED TO FILL THE VOID BETWEEN UNIT LOADS BY VARYING THE THICKNESS OF PIECES 1 AND 2. ONE INCH SLACK IS PERMITTED.
- 7 APPLICABLE MATERIAL SPECIFICATIONS: DUNNAGE LUMBER - FED SPEC MM-L-751; NAILS - FED SPEC FF-N-105 TYPE II STYLE 10 COMMON BRIGHT.
- 8 SWAY BRACE, DETAIL F, IS ASSEMBLED IN PLACE. PIECE 7 IS POSITIONED INBOARD OF THE OUTER LEGS OF THE PALLET SKIDS AND PIECE 6 IS POSITIONED AGAINST THE PALLET LEGS. NAIL PIECE 6 TO PIECE 7 WITH THREE 10d NAILS PER JOINT. CUT PIECE 5 TO FIT BETWEEN PIECES 6 AND NAIL TO PIECE 7 WITH THREE 10d NAILS.
- 9 AFTER BLOCKING AND BRACING HAS BEEN INSPECTED ATTACH SHIPPING DOCUMENTS INSIDE THE CONTAINER IN AN ACCESSIBLE AREA AND CLOSE AND SEAL CONTAINER DOORS.

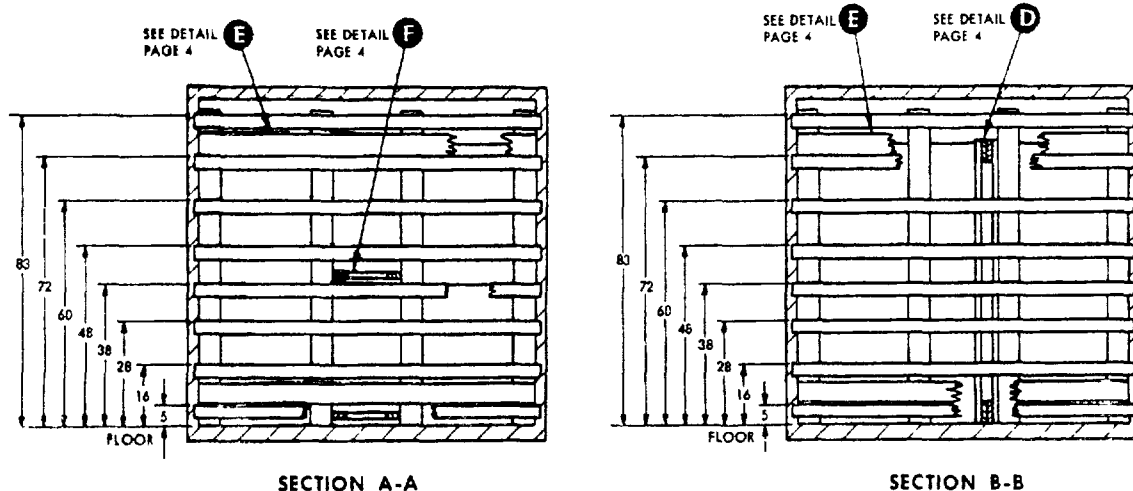
TOFC/COFC, CONTAINERSHIP AND HIGHWAY

- 1 THE LOADED MILVAN CONTAINER MUST BE ON A 20 FT MILVAN CHASSIS EQUIPPED WITH DOUBLE BOGIES WHEN BEING MOVED IN TOFC SERVICE.
- 2 THE LOADED MILVAN CONTAINER MAY BE TRANSPORTED OVER PUBLIC HIGHWAYS ON A 20 FT MILVAN CHASSIS EQUIPPED WITH A DOUBLE BOGIE AND PULLED BY A TRACTOR WITH A DOUBLE DRIVE AXLE.

NOTE

IN CERTAIN STATES THE GROSS VEHICLE WEIGHT (G.V.W.) IS LIMITED BY THE DISTANCE BETWEEN THE AXLES OF THE ASSEMBLED RIG. CARE SHOULD BE TAKEN TO SEE THAT THE PROPOSED G.V.W. DOES NOT EXCEED THESE LIMITATIONS.

- 3 THE LOADED CONTAINER MAY ALSO BE TRANSPORTED OVER PUBLIC HIGHWAYS USING COMMERCIAL EQUIPMENT OF APPROPRIATE CAPACITY.



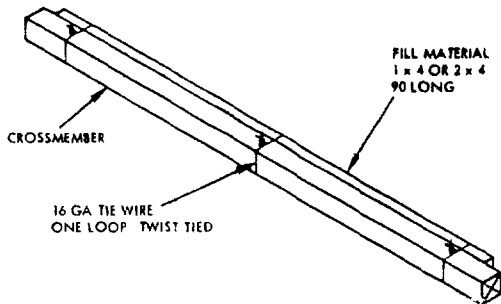
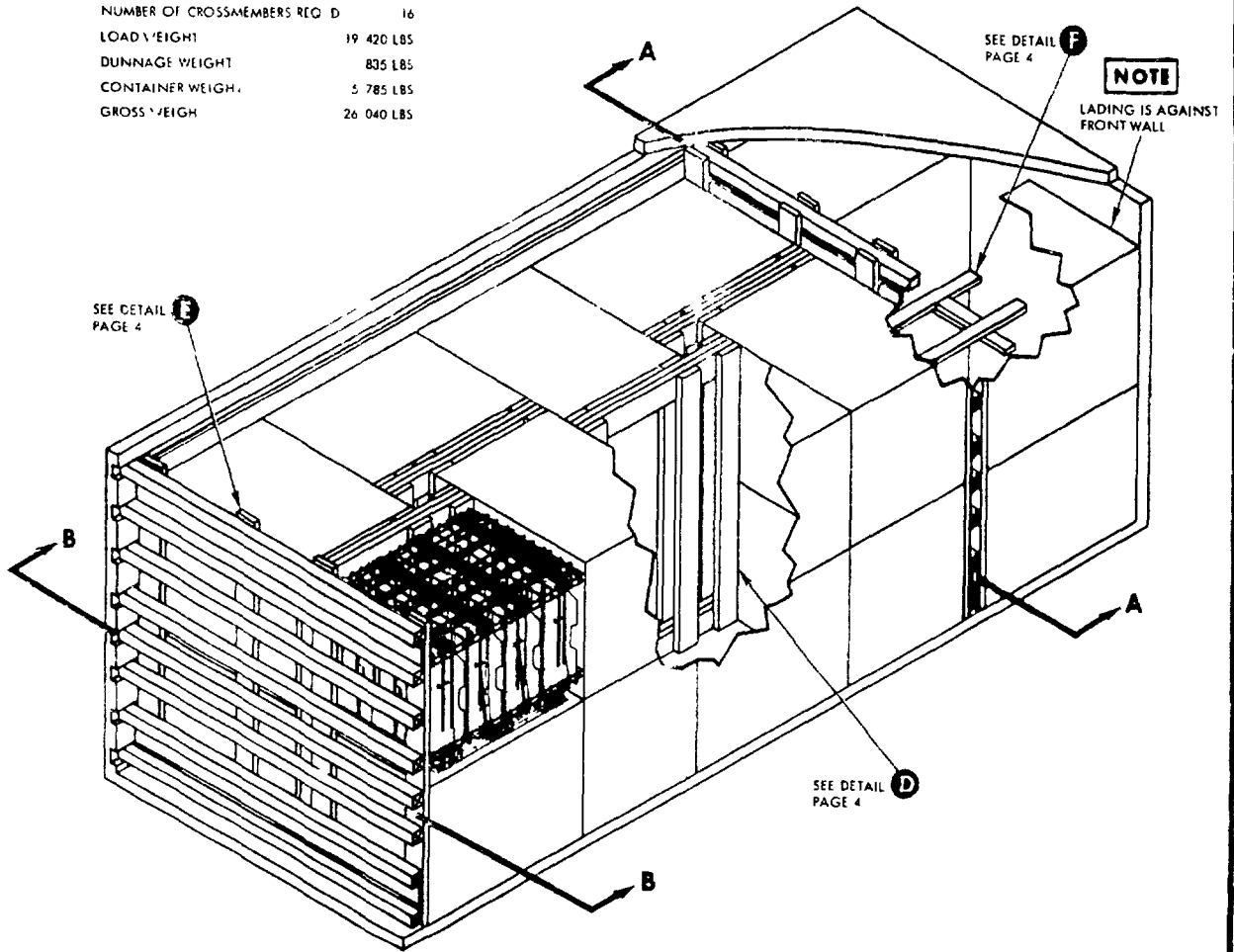
SECTION A-A

SECTION B-B

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CONTAINER LOAD DATA

NUMBER OF UNIT LOADS	20
NUMBER OF CROSSMEMBERS REQ D	16
LOAD HEIGHT	19 420 LBS
DUNNAGE WEIGHT	836 LBS
CONTAINER WEIGH.	5 785 LBS
GROSS WEIGH	26 040 LBS

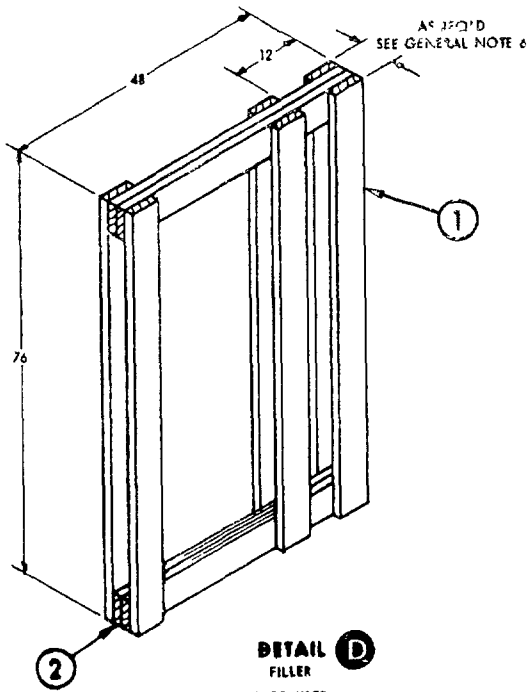


DETAIL (E)
FILL MATERIAL
SEE NOTE 5

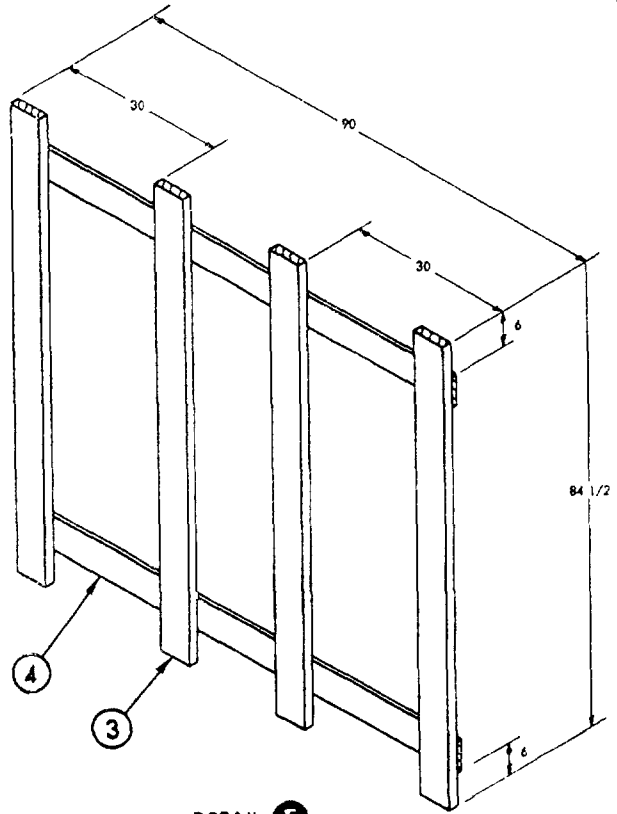
7	SUPPORT	2 x 4 x 32	4	SEE 5 & 6	-	-
6	STRINGER	2 x 4 x 47	4	7	3 PER JOINT	10d
5	SPACER	2 x 4 x TO SUIT	4	7	AS REQD	10d
4	HORIZONTAL	1 x 6 x 96	6	3	3 PER JOINT CLINCHED	10d
3	VERTICAL	2 x 6 x B4 1 2	12	SEE 4	-	-
2	HORIZONTAL	2 x 6 x 48	16	LAMINATE (DOUBLED)	4	10d
1	VERTICAL	2 x 6 x 76	24	2	3 PER JOINT	10d
PIECE NO	DESCRIPTION	SIZE	NO PCS REQD	NAIL TO	NUMBER	SIZE
					NAILS	

LIST OF MATERIALS AND NAILING DATA

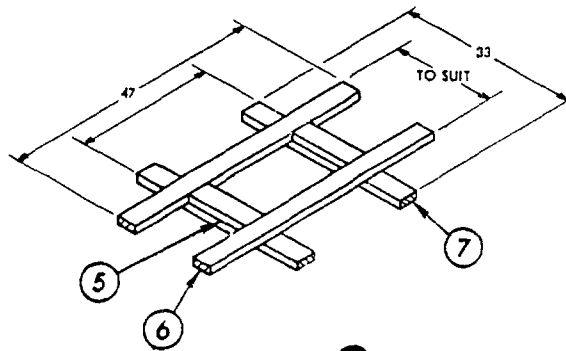
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DETAIL D
FILLER
4 REQUIRED



DETAIL E
SEPARATOR GATE
3 REQUIRED
POSITION VERTICAL PIECES AGAINST UNIT LOAD



DETAIL F
SWAY BRACE
2 REQUIRED
TO BE ASSEMBLED IN PLACE
SEE NOTE 8

REVIEW ACTIVITY
NAVY-OS, AS

PREPARING ACTIVITY
NAVY-OS
(PROJECT NO. B140-N217)

STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

OMB No. 0704-0181
No. 2 of 2000

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DOCUMENT IDENTIFIER AND TITLE

MIL-STD-1386-34 (NAVY)

NAME OF ORGANIZATION AND ADDRESS

CONTRACT NUMBER

MATERIAL PROCURED UNDER A

 DIRECT GOVERNMENT CONTRACT SUBCONTRACT

1 HAS ANY PART OF THE DOCUMENT CREATED PROBLEMS OR REQUIRED INTERPRETATION IN PROCUREMENT USE?

A GIVE PARAGRAPH NUMBER AND WORDING

B RECOMMENDATIONS FOR CORRECTING THE DEFICIENCIES

2 COMMENTS ON ANY DOCUMENT REQUIREMENT CONSIDERED TOO RIGID

3 IS THE DOCUMENT RESTRICTIVE?

 YES NO (If "Yes", in what way?)

4 REMARKS

SUBMITTED BY (Printed or typed name and address - Optional)

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REPLACES EDITION OF 1 JAN 56 WHICH MAY BE USED

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