

NOTICE OF INACTIVATION
FOR NEW DESIGN

INCH-POUND

MIL-STD-1386-2A(OS)
NOTICE 2
15 October 1992
SUPERSEDING
NOTICE 1
13 March 1991

MILITARY STANDARD

LOADING OF HAZARDOUS MATERIALS AND ASSOCIATED
ITEMS IN MILVAN CONTAINERS BOMB, GENERAL PURPOSE,
MK 83 AND MODS (1000 LB) IN PALLET, BOMB MK 11 MOD 0
FLEET ISSUE UNIT LOAD

This notice should be filed in front of MIL-STD-1386-2A(NAVY) dated 1 June 1973.

MIL-STD-1386-2A(NAVY) is inactive for new design and is no longer used by the Navy except for replacement purposes.

Preparing activity:
Navy - OS

(Project 8140-N929)

AMSC N/A

FSC 8140

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

**NOTICE
OF VALIDATION**

INCH-POUND

MIL-STD-1386/2A
NOTICE 1
13 MARCH 1991

MILITARY STANDARD

**LOADING OF HAZARDOUS MATERIALS AND ASSOCIATED
ITEMS IN MILVAN CONTAINERS BOMB, GENERAL PURPOSE
MK 83 AND MODS (1000 LB) FLEET ISSUE UNIT LOAD
(WITH PLASTIC NOSE PLUGS)**

MIL-STD-1386/2A, dated 1 June 1973, has been reviewed and determined to be valid for use in acquisition.

Preparing activity:
Navy-OS

AMSC NVA
DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

FSC 8140

MILITARY STANDARD

MIL-STD-1386-2A
(Navy)

LOADING OF HAZARDOUS MATERIALS AND ASSOCIATED ITEMS IN MILVAN CONTAINERS

1 JUNE 1973

BOMB, GENERAL PURPOSE, MK 83 AND MODS (1000 LB)
IN PALLET, BOMB MK II MOD 0
FLEET ISSUE UNIT LOAD

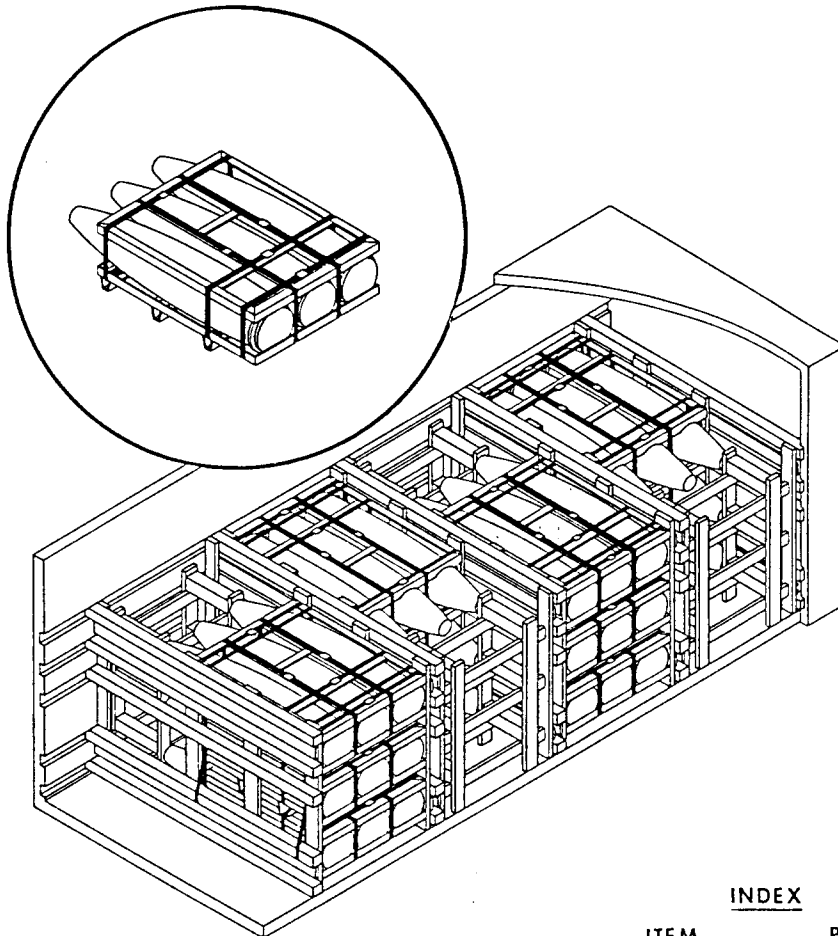
SUPERSEDING
MIL-STD-1386-2
(NAVY)
11 MAY 1972

UNIT LOAD DATA

SEE TABLE I

DOT HAZARD CLASSIFICATION EXPLOSIVES A

COAST GUARD CLASS XA



INDEX

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COFC & CONTAINERSHIP	2, 3, & 4

NOTES:

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

AUTHORIZED FOR CONTAINER-ON-FLATCAR (COFC), CONTAINERSHIP AND MOVEMENT ABOARD DEPOT (NON-PUBLIC) ROADS ONLY.

**APPROVED BY
US COAST GUARD**

Richard C. ...
CAPT USCG

DATE 4-21-73

**APPROVED BY
BUREAU OF EXPLOSIVES**

L. J. ...

DATE 4/24/73

M. P. ...
SIGNATURE TECHNICAL DIRECTION AGENT (TDA) DATE 5/11/73

A. P. ...
SIGNATURE TECHNICAL DIRECTION AGENT (TDA) DATE 5/11/73

ORIGINATOR

L. R. ...
SIGNATURE

NAVAL WEAPONS HANDLING LABORATORY
N A D EARLE, NEW JERSEY



GENERAL NOTES

1. THIS DOCUMENT GIVES DETAILED INSTRUCTIONS FOR TRUCKLOADING THE 1000 LB MK 83 AND MODS GENERAL PURPOSE BOMB IN BOMB PALLET MK 11 MOD 0. THE BOMBS MAY BE UNCOATED AND PALLETIZED IN ACCORDANCE WITH WR-54/35 OR THERMALLY PROTECTED AND PALLETIZED IN ACCORDANCE WITH WR-54/243. NO OTHER LOADS ARE AUTHORIZED FOR SHIPMENT PER THIS DOCUMENT.
2. THE MILVAN SHALL BE EQUIPPED WITH A MECHANICAL LOAD-BRACING SYSTEM THAT MEETS THE REQUIREMENTS OF THE BUREAU OF EXPLOSIVES PAMPHLET 6C AND SHIPPED ON FLAT CARS THAT MEET THE REQUIREMENTS OF 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 HEIGHTS FROM THE CONTAINER FLOOR.

CAUTION

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

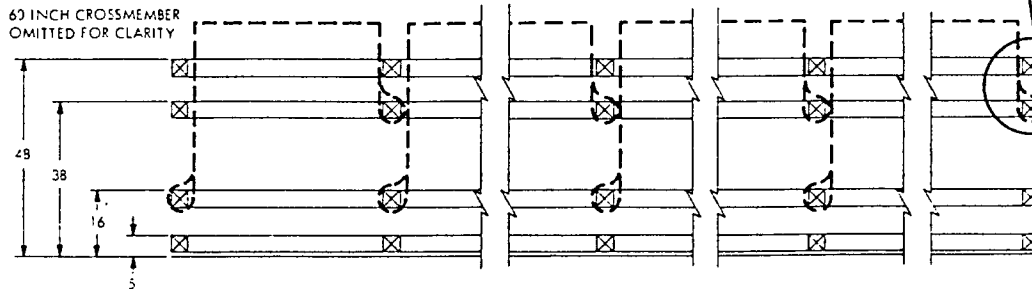
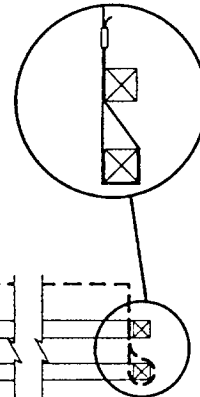
4. CONTAINERS ARE EQUIPPED WITH 25 CROSSMEMBERS, UNUSED CROSSMEMBERS MUST REMAIN WITH THE CONTAINER AND SHALL BE FASTENED INTO BELT RAILS FOR SHIPMENT.
5. WHEN THE VOID BETWEEN THE CROSSMEMBERS AND THE SEPARATOR GATE IS GREATER THAN ONE INCH USE FILL MATERIAL TO SHIM BETWEEN CROSSMEMBERS AND GATE AS SHOWN IN DETAIL F.
6. APPLICABLE MATERIAL SPECIFICATIONS:
 DUNNAGE LUMBER - FED. SPEC. MM-L-751
 NAILS - FED. SPEC. FF-N-105, TYPE II, STYLE 10, COMMON BRIGHT
 STRAFFING - FED. SPEC. QQ-S-781, TYPE I, CLASS A.
7. EACH BAY OF BOMBS IS TOMMED DOWN WITH TWO 1 1/4 x .035 STEEL STRAPS. THE STRAPS ARE ATTACHED TO THE CROSSMEMBERS AS SHOWN IN DETAIL A. LOCATE SEALS WITH A CROSSMEMBER BETWEEN THE SEAL AND THE STRAP ENCIRCLED CROSSMEMBER AS SHOWN IN THE BUBBLE OF THE STRAPPING DIAGRAM, DETAIL A. SECURE EACH END OF THE STRAP WITH ONE SEAL WITH TWO PAIR OF NOTCHES PER SEAL OR TWO SEALS, BUTTED TOGETHER WITH TWO PAIR OF CRIMPS PER SEAL.
8. SIDE FRAME ASSEMBLY MAY BE ASSEMBLED IN PLACE. LENGTH OF SPREADER, PIECE 6, SHALL BE SUFFICIENT TO CAUSE THE ASSEMBLY TO FILL THE VOID BETWEEN THE BOMB NOSES AND THE CONTAINER SIDEWALL.
9. AFTER BLOCKING AND BRACING HAS BEEN INSPECTED ATTACH SHIPPING DOCUMENTS INSIDE THE CONTAINER IN AN ACCESSIBLE AREA, CLOSE AND SEAL CONTAINER DOORS, AND ATTACH APPLICABLE PLACARDS TO THE OUTSIDE OF THE CONTAINER FOR THE APPROPRIATE MODE OF TRANSPORTATION AS PRESCRIBED IN OP 2165 (VOL 1).

COFC AND CONTAINERSHIP

1. THE CONTAINER LOAD CONSISTS OF 12 UNIT LOADS WHICH MUST BE LOADED AND DUNNAGED IN ACCORDANCE WITH THIS DOCUMENT.

WARNING

BECAUSE THE WEIGHT LOADED INTO THIS CONTAINER EXCEEDS 34,000 LBS., THE MILVAN CHASSIS CAN NOT BE USED TO TRANSPORT THE LOADED CONTAINER ON PUBLIC HIGHWAYS. THE LOADED CONTAINER MAY BE TRANSPORTED OVER DEPOT ROADS USING A MILVAN CHASSIS EQUIPPED WITH DOUBLE BOGIES OR COMMERCIAL EQUIPMENT OF APPROPRIATE CAPACITY.



DETAIL A
 STRAPPING DIAGRAM
 (INDICATES ATTACHMENT
 POINTS FOR HOLD-DOWN
 STRAPPING (SEE GENERAL NOTE B



CONTAINER LOAD DATA

NUMBER OF UNIT LOADS 12
 NUMBER OF CROSSMEMBERS REQ'D 25
 DUNNAGE WEIGHT 762 LBS
 CONTAINER WEIGHT 5,785 LBS
 OTHER SEE TABLE I

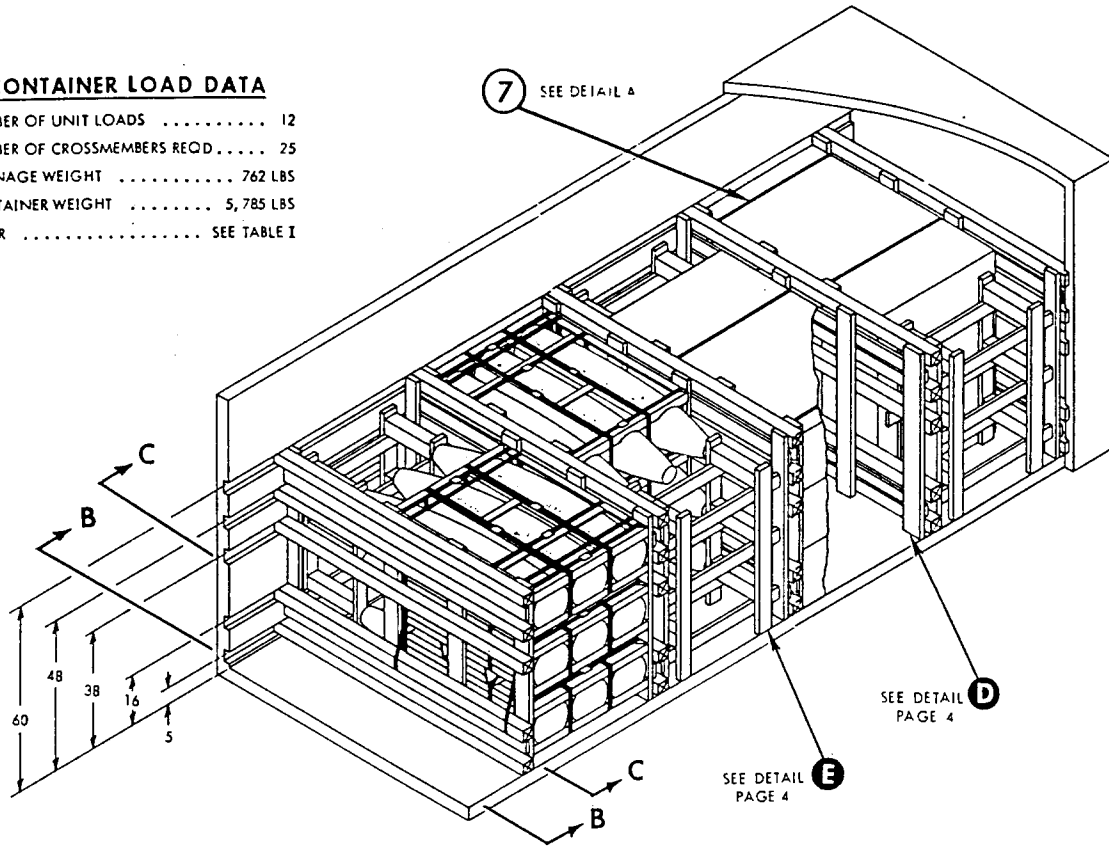
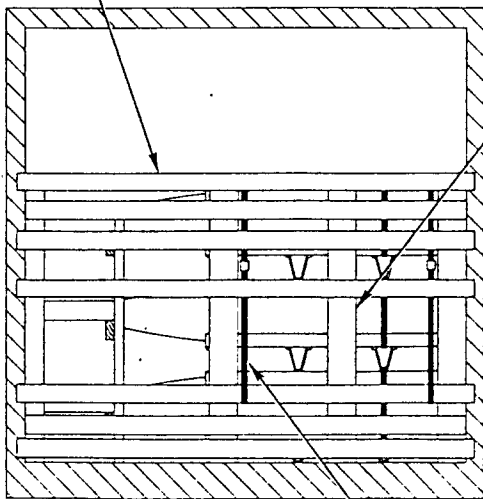


TABLE I

MK MOD AND TYPE	UNIT LOAD DWG	DIMENSIONS	CUBE (CU FT)	WEIGHT (LBS)	NET WEIGHT (LBS)	GROSS WEIGHT (LBS)
MK B3 MODS 0, 1, 2, 3 & 4 WITH PLASTIC NOSE PLUGS	WR-54/35	L - 74 1/2 W - 43 1/2 H - 19	35.5	2935	35,220	41,767
MK B3 MOD 5 THERMALLY PROTECTED	WR-54/243	L - 74 1/2 W - 43 1/2 H - 19 1/2	36.4	2976	35,712	42,259

CROSSMEMBER



SECTION B-B

7 8

SEE GENERAL NOTE B

* CW = CONTAINER WIDTH

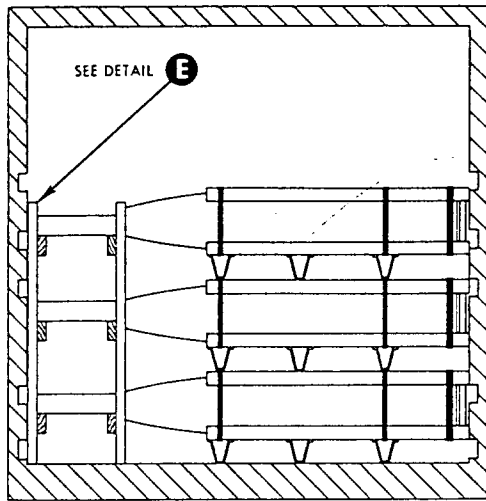
8	SEAL	1-1 4	8	SEE GENERAL NOTE B		
7	STRAP	1-1 4 x .035 x 11 FT	8	-	-	-
6	SPREADER	4 x 4 x 12-1 2 REF	24	TO NAIL TO 4	2 JOINT	10d
5	SIDE FRAME HORIZONTAL	2 x 4 x 43	24	SEE 4	-	-
4	SIDE FRAME VERTICAL	2 x 4 x 54	16	5	3 JOINT	10d
3	SEPARATOR GATE HORIZONTAL	1 x 4 x *CW-1	16	1, 2	3 JOINT	6d
2	SEPARATOR GATE VERTICAL	2 x 4 x 60	8	SEE 3	-	-
1	SEPARATOR GATE VERTICAL	2 x 6 x 60	24	SEE 3	-	-

PIECE NO.	DESCRIPTION	SIZE	NO. OF PIECES REQ'D	NAIL TO	NUMBER NAILS	SIZE
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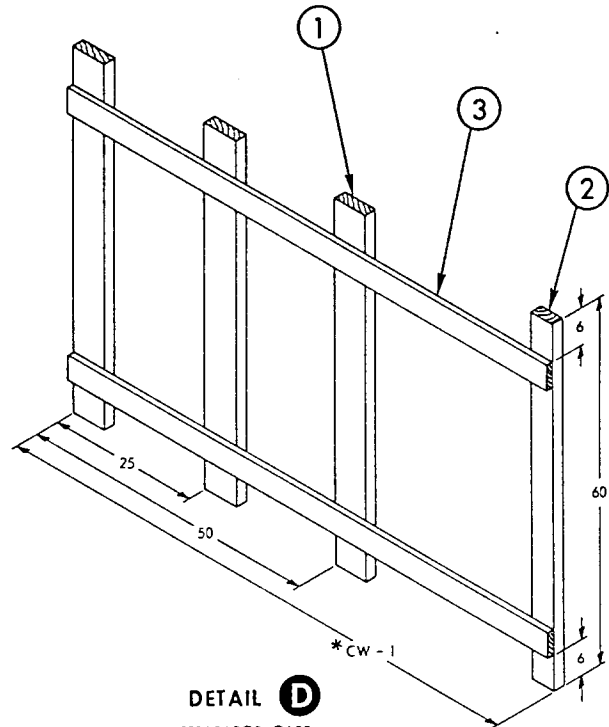
LIST OF MATERIALS & NAILING DATA



MIL-STD-1386-2A (Navy)



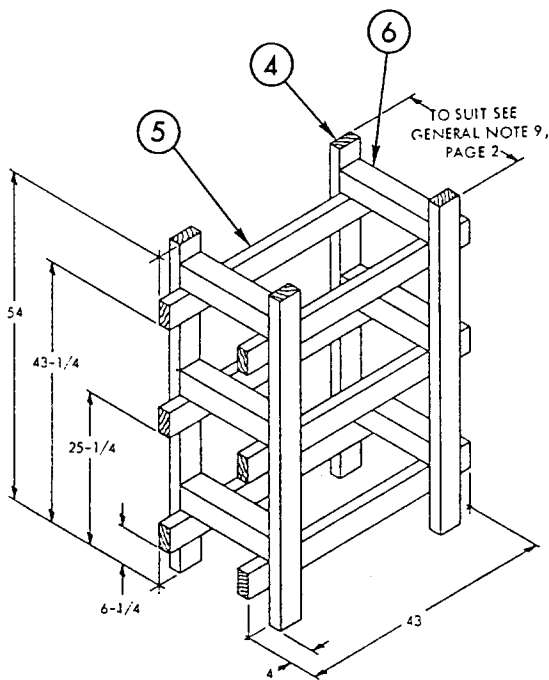
SECTION C-C



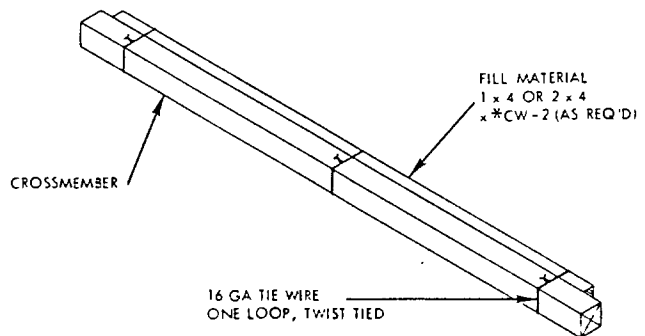
DETAIL D
 SEPARATOR GATE
 8 REQUIRED

POSITION WITH 2 x 6 VERTICALS AGAINST UNIT LOAD
 AND 2 x 4 VERTICAL IN VOID AREA.

*CW = CONTAINER WIDTH



DETAIL E
 SIDE FRAME ASSEMBLY
 4 REQUIRED



DETAIL F
 FILL MATERIAL
 SEE GENERAL NOTE 5,
 PAGE 2