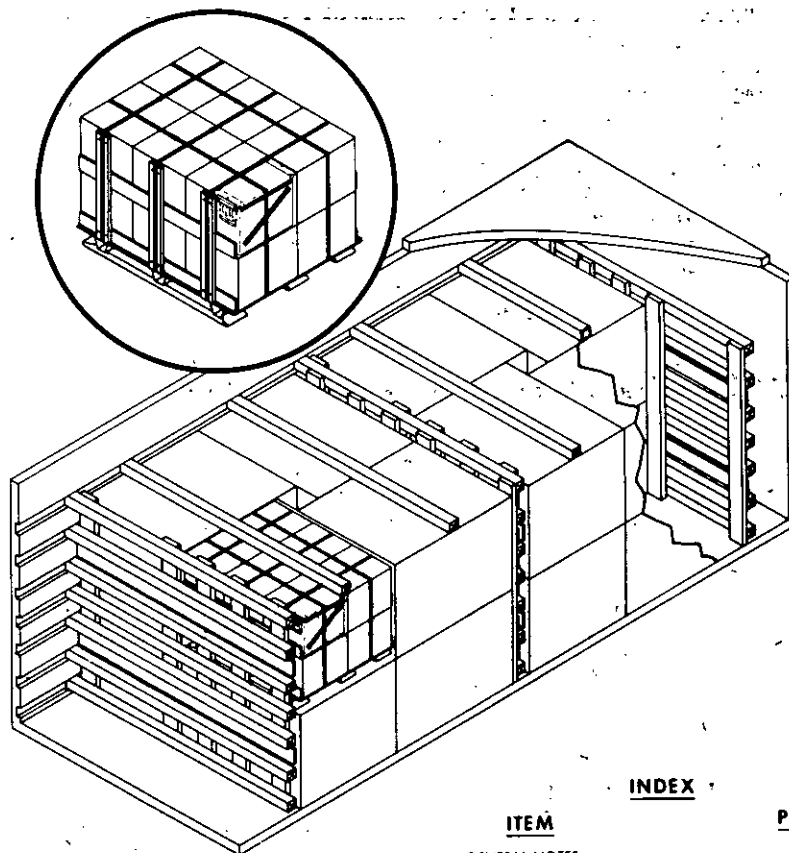


MILITARY STANDARD**MIL-STD-1386-30****LOADING OF HAZARDOUS
MATERIALS AND ASSOCIATED ITEMS
IN MILVAN CONTAINERS****(NAVY)**

11 JANUARY 1974

**CARTRIDGE, 20MM, M50 SERIES BELTED WITH MK 7
OR M14 LINKS IN CONTAINER M548
FLEET ISSUE UNIT LOAD****UNIT LOAD DATA**

UNIT LOAD DRAWING WR-54/187
 WEIGHT 2210 LBS
 DIMENSIONS 49 5/8 L x 40 1/2 W x 34 H
 CUBE 39.5 CU FT
 DOT HAZARD CLASS EXPLOSIVE B
 COAST GUARD CLASS II-B

**NOTES:**

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

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COFC & CONTAINERSHIP	2 & 3

FSC 8140

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

**APPROVED BY
US COAST GUARD**

Ng Selving CAPT USCG

DATE 9-28-73

**APPROVED BY
BUREAU OF EXPLOSIVES**

A. F. Brannan

DATE 10/5/73

SIGNATURE

TECHNICAL DIRECTION AGENT (TDA)

DATE

SIGNATURE

AIRSYSCOM BY DIRECTION

DATE

ORIGINATOR

L. P. Varina
SIGNATURE

NAVAL WEAPONS HANDLING LABORATORY

N A D EARLE, NEW JERSEY

PAGE 1 OF 4

MIL-STD-1386-30 (NAVY)**GENERAL NOTES**

1. THIS DOCUMENT GIVES DETAILED INSTRUCTIONS FOR LOADING THE MILVAN CONTAINER WITH FLEET ISSUE UNIT LOADS OF 20MM CARTRIDGES. THE UNIT LOAD SHALL BE PALLETIZED IN ACCORDANCE WITH WR-54/187.
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 HEIGHTS FROM THE CONTAINER FLOOR.

CAUTION

WHEN POSITIONING CROSSMEMBERS, MAKE A VISUAL CHECK TO ENSURE THAT THE 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 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. THE VOID BETWEEN THE HOLD DOWN CROSSMEMBER AND THE TOP OF THE UNIT LOAD SHALL NOT EXCEED ONE HALF INCH. IF REQUIRED, SHIM BETWEEN CROSSMEMBER AND UNIT LOAD AS SHOWN IN DETAIL D.
7. APPLICABLE MATERIAL SPECIFICATIONS:
 DUNNAGE LUMBER - FED. SPEC. MM-1-751
 NAILS - FED. SPEC. FF-N-105, TYPE II, STYLE 10, COMMON BRIGHT
 STRAP - FED. SPEC. QQ-S-781, TYPE I, CLASS A
8. 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).

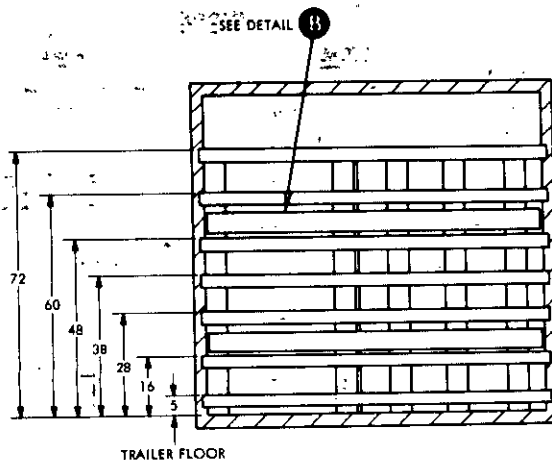
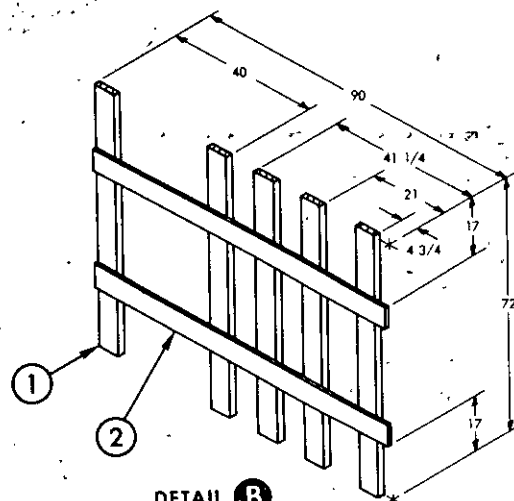
COFC AND CONTAINERSHIP ONLY

1. THE CONTAINER LOAD CONSISTS OF 16 UNIT LOADS WHICH MUST BE LOADED AND DUNNAGED IN ACCORDANCE WITH THIS DOCUMENT.

WARNING

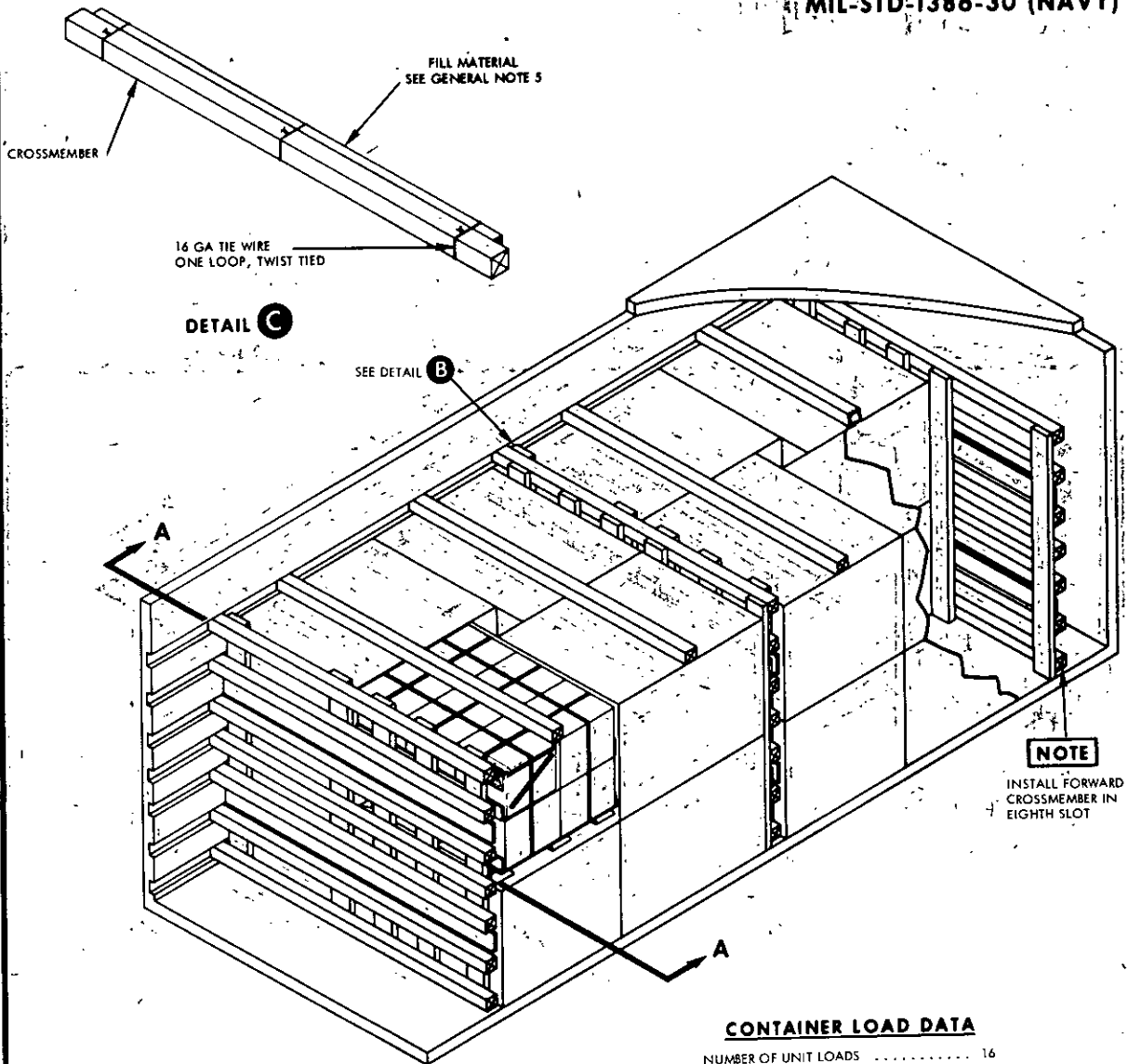
BECAUSE THE WEIGHT LOADED INTO THIS CONTAINER EXCEEDS 34,000 LBS, THE MILVAN CHASSIS CANNOT BE USED TO TRANSPORT THE LOADED CONTAINER ON PUBLIC HIGHWAYS. THE LOADED CONTAINER MAY BE TRANSPORTED OVER DEPOT ROADS USING MILVAN CHASSIS EQUIPPED WITH DOUBLE BOGIES OR COMMERCIAL EQUIPMENT OF APPROPRIATE CAPACITY.

2. WHEN SHIPPING THE LOADED MILVAN CONTAINER COFC, THE FLAT RAILCAR SHALL MEET THE REQUIREMENTS OF THE BUREAU EXPLOSIVES PAMPHLET 6C.

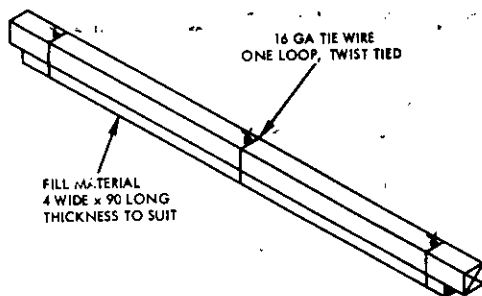
**SECTION A-A****DETAIL B**

SEPARATOR GATE
4 REQUIRED
POSITION 2 x 6 VERTICALS
AGAINST THE UNIT LOAD

MIL-STD-1386-30 (NAVY)

**CONTAINER LOAD DATA**

NUMBER OF UNIT LOADS	16
NUMBER OF CROSSMEMBERS REQ'D	25
LOAD WEIGHT	35,360 LBS
DUNNAGE WEIGHT	375 LBS
CONTAINER WEIGHT	5,785 LBS
GROSS WEIGHT	41,520 LBS



HOLD DOWN
SEE GENERAL NOTE 6

* CLINCHED

**CW - CONTAINER WIDTH

2	HORIZONTAL	1 x 6 x CW**1	8	SEE 1		
1	VERTICAL	2 x 6 x 72	20	2	3/JOINT	Bd*
PIECE NO.	DESCRIPTION	SIZE	NO. PCS REQ'D	NAIL TO	NUMBER	SIZE
					NAILS	

LIST OF MATERIALS AND NAILING DATA

MIL-STD-1386-30 (NAVY)

REVIEW ACTIVITY:
NAVY - OS, AS

PREPARING ACTIVITY:
NAVY - OS
(PROJECT NO. 8140-N204)