

# MILITARY STANDARD

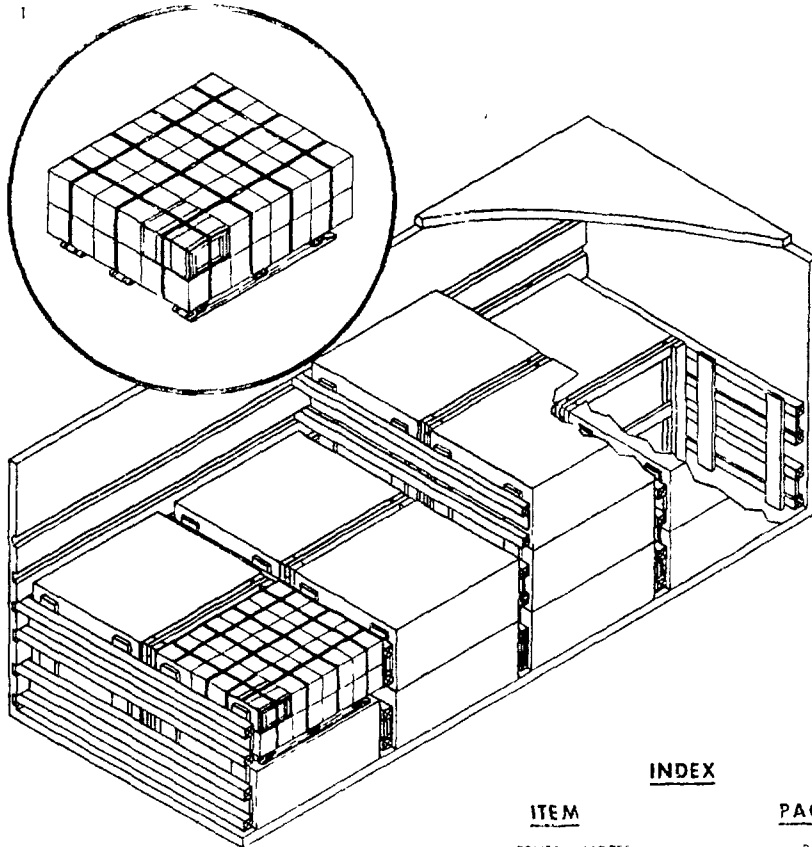
## LOADING OF HAZARDOUS MATERIALS AND ASSOCIATED ITEMS IN MILVAN CONTAINERS

### CARTRIDGE, 7.62MM, BALL M30 AMPHIBIOUS UNIT LOAD

**MIL-STD 1386-42**  
**(NAVY)**  
18 JUNE 1974

**UNIT LOAD DATA**

UNIT LOAD DRAWING      WR 55 D & VR 55 6  
DIMENSIONS              30 1/8 L x 40 1/4 W x 21  
CUBE                      26.3 CU FT  
WEIGHT                    SEE TABLE  
DOT HAZARD CLASSIFICATION      EXFLOS 1.5 C  
COAST GUARD CLASS                    1



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**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)

FSC 8140

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

**US COAST GUARD APPROVAL NOT REQUIRED**

**APPROVED BY BUREAU OF EXPLOSIVES**

*A. J. Grassmuck*  
DATE 6/10/74

*[Signature]*      6/17/74  
SIGNATURE      TECHNICAL DIRECTION AGENCY (TDA)      DATE

*[Signature]*      6/12/74  
SIGNATURE      ORIGINATOR BY DIRECTION      DATE

ORIGINATOR      *[Signature]*  
SIGNATURE

NAVAL WEAPONS HANDLING LABORATORY  
N A D EARLE, NEW JERSEY

**MIL-STD-1385-32 (NAVY)**

**GENERAL NOTES**

- 1 THIS DOCUMENT GIVES DETAILED INSTRUCTIONS FOR LOADING THE MILVAN CONTAINER WITH AMMUNITION. THE LOAD OF 62 MM BALL CARTRIDGES THE UNIT LOADS SHALL BE PALLETIZED IN ACCORDANCE WITH JP-50.5 OR JP-5.6.
- 2 THE MILVAN SHALL BE EQUIPPED WITH A MECHANICAL LOAD-SPACING 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 10 AND 20 HEIGHTS 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.

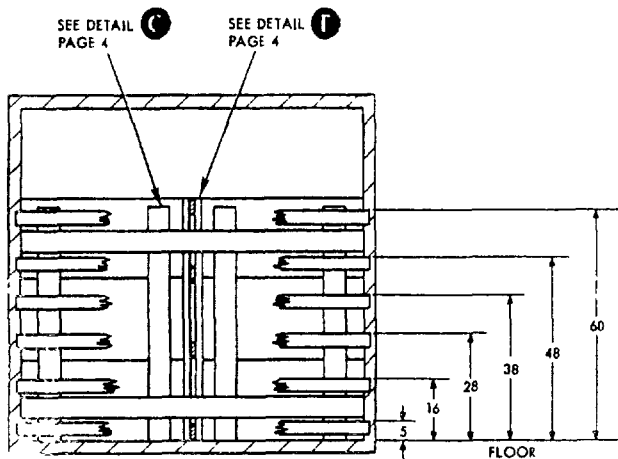
- 5 WHEN LONGITUDINAL SLACK BETWEEN A CROSSMEMBER AND SEPARATOR GATE IS GREATER THAN ONE INCH, USE FILLER MATERIAL TO SHIM BETWEEN THE CROSSMEMBER AND SEPARATOR GATE AS SHOWN IN DETAIL G, PAGE 4.
- 6 THICKNESS OF FILLER ASSEMBLIES, DETAILS E AND F, MAY BE VARIED TO FILL THE VOID BETWEEN UNIT LOADS.
- 7 APPLICABLE MATERIAL SPECIFICATIONS:  
 DUNNAGE LUMBER - FED. SPEC. #1A-L-751  
 NAILS - FED. SPEC. FF-N-105, TYPE II, STYLE 10, COMMON BRIGHT.
- 8 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**

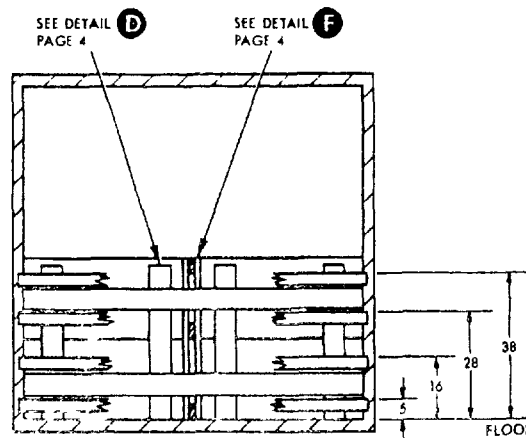
- 1 THE CONTAINER LOAD CONSISTS OF 18 UNIT LOADS WHICH MUST BE LOADED AND DUNNAGED IN ACCORDANCE WITH THIS DOCUMENT.
- 2 THE LOADED MILVAN CONTAINER SHALL BE ON A 20 FT MILVAN CHASSIS EQUIPPED WITH DOUBLE BOGIES WHEN BEING TOWED IN TOFC SERVICE.
- 3 WHEN THE LOADED CONTAINER IS IN TOFC OR COFC SERVICE, IT SHALL BE ON FLAT RAILCARS THAT COMPLY WITH BUREAU OF EXPLOSIVES PAMPHLET 6C.
- 4 THE LOADED MILVAN MAY BE MOVED OVER PUBLIC HIGHWAYS ON A 20 FT MILVAN CHASSIS EQUIPPED WITH DOUBLE BOGIES OR OF SUITABLE COMMERCIAL EQUIPMENT OF APPROPRIATE CAPACITY.

**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.



**SECTION A-A**

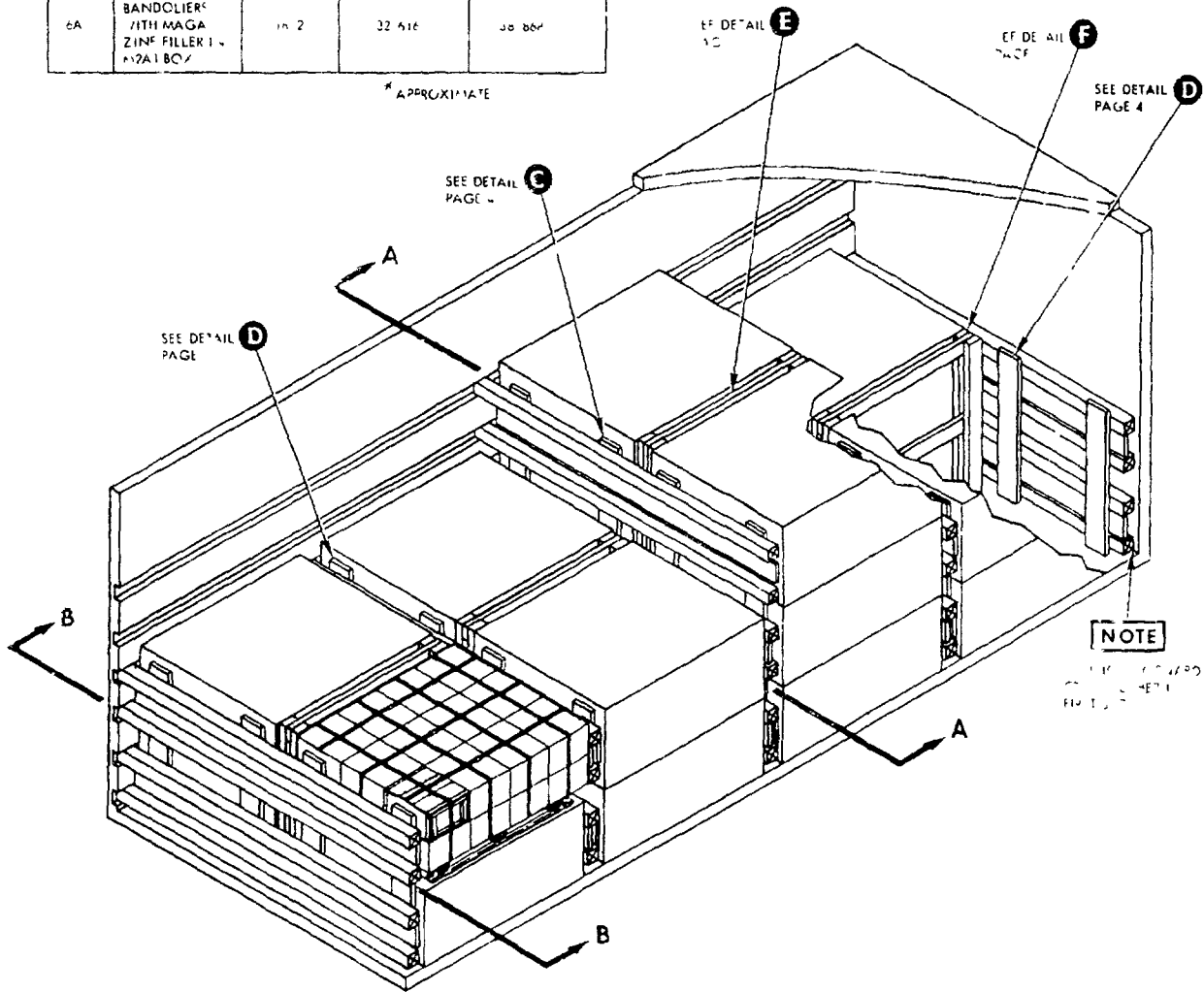


**SECTION B-B**

TABLE I

NR-55	DESCRIPTION	IT LONG WEIGHT LB	UNIT WEIGHT <sup>A</sup> LB	CC CROSS SECTION SQ. FT. <sup>B</sup>
5A	CLIPS 1 BANDOLIER, AND 1/2A1 BOV	1778	26-	07 -
6A	CLIP, 1 BANDOLIER WITH MAGA ZINE FILLER 1 1/2A1 BOV	182	32 5/16	30 8/16

<sup>A</sup> APPROXIMATE

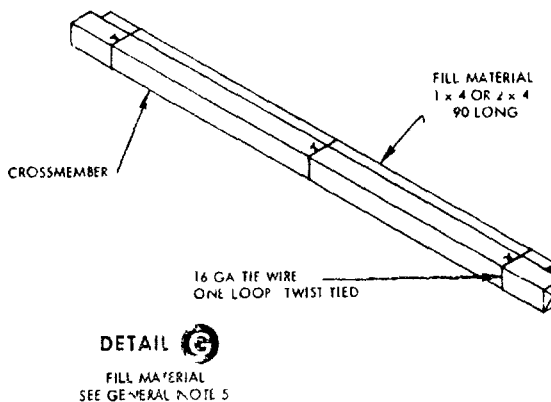
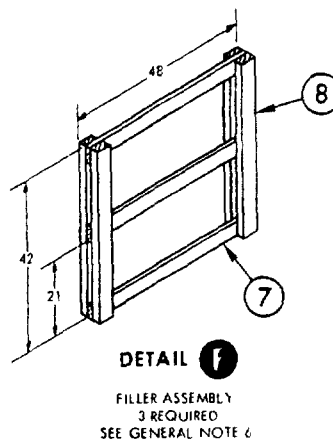
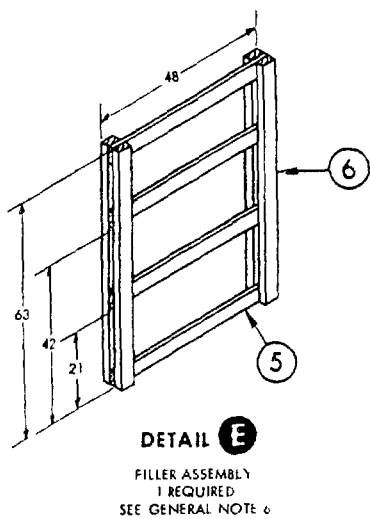
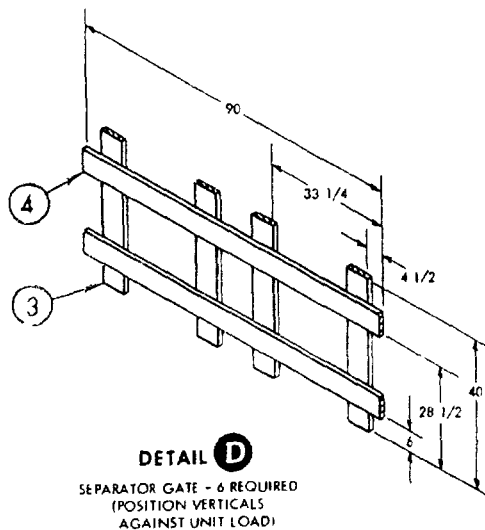
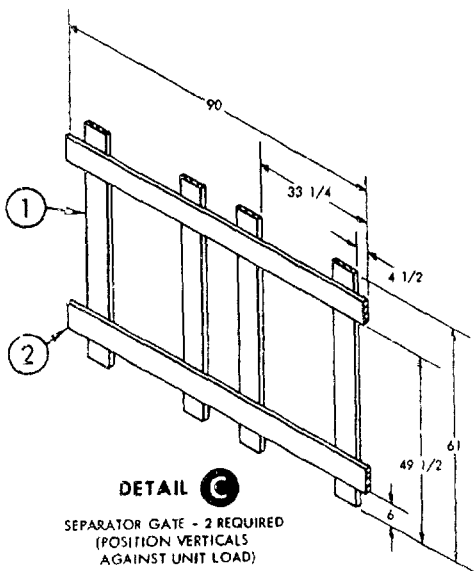


**CONTAINER LOAD DATA**

NUMBER OF UNIT LOADS 2  
 NUMBER OF CROSS MEMBER RAILS 2  
 LOAD WEIGHT SEE TABLE  
 DUNNAGE WEIGHT 50  
 CONTAINER WEIGHT 1778 LB  
 GROSS WEIGHT SEE TABLE

8	10"	1				
7	10" EXT. DIA.	1				
	1 1/2"	2			1 1/2"	
5	1 1/2" DIA.			EF		
4	1 1/2"				1 1/2"	CROSS
3	1 1/2"					
2	1 1/2"				1 1/2"	CROSS
1	1 1/2"					
PIECE NO.	DESCRIPTION	SIZE	NO. PCS.	NAIL TO	NUMBER	SIZE

MIL-STD-1386-42 (NAVY)



REVIEW ACTIVITY  
NAVY - OS

PREPARING ACTIVITY  
NAVY - OS  
PROJECT NO 814J-N231

SPECIFICATION ANALYSIS SHEET		Form Approved Budget Bureau No. 22-R235
<p><b>INSTRUCTIONS</b> This sheet is to be filled out by personnel, either Government or contractor, involved in the use of the specification in procurement of products for ultimate use by the Department of Defense. This sheet is provided for obtaining information on the use of this specification which will insure that suitable products can be procured with a minimum amount of delay and at the least cost. Comments and the return of this form will be appreciated. Fold on lines on reverse side, staple in corner, and send to preparing activity. Comments and suggestions submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or serve to amend contractual requirements.</p>		
<p><b>SPECIFICATION</b> MIL-STD-1386-42 (NAVY)</p>		
<p><b>ORGANIZATION</b></p>		
<p><b>CITY AND STATE</b></p>		<p><b>CONTRACT NUMBER</b></p>
<p><b>MATERIAL PROCURED UNDER A</b>  <input type="checkbox"/> DIRECT GOVERNMENT CONTRACT      <input type="checkbox"/> SUBCONTRACT</p>		
<p><b>1 HAS ANY PART OF THE SPECIFICATION CREATED PROBLEMS OR REQUIRED INTERPRETATION IN PROCUREMENT USE?</b>  <b>A GIVE PARAGRAPH NUMBER AND WORDING</b></p>		
<p><b>B RECOMMENDATIONS FOR CORRECTING THE DEFICIENCIES</b></p>		
<p><b>2 COMMENTS ON ANY SPECIFICATION REQUIREMENT CONSIDERED TOO RIGID</b></p>		
<p><b>3 IS THE SPECIFICATION RESTRICTIVE?</b>  <input type="checkbox"/> YES      <input type="checkbox"/> NO (If "yes", in what way?)</p>		
<p><b>4 REMARKS (Attach any pertinent data which may be of use in improving this specification. If there are additional papers, attach to form and place both in an envelope addressed to preparing activity.)</b></p>		
<p><b>SUBMITTED BY (Printed or typed name and activity - Optional)</b></p>		<p><b>DATE</b></p>

DD FORM 1426  
1 JAN 65

REPLACES EDITION OF 1 OCT 64 WHICH MAY BE USED

S/N 0102-014-1 01 132 1

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