

# MILITARY STANDARD

MIL-STD-1322-109

## UNIT LOAD

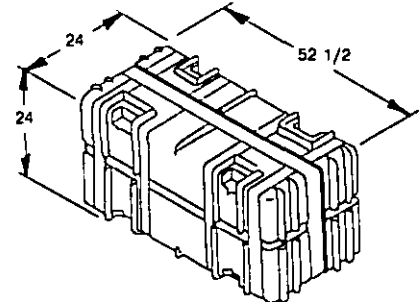
(NAVY)

### FOR DOMESTIC AND OVERSEAS SHIPMENT STANDARD MR OR ER GUIDANCE SECTION IN CONTAINER MK 461 MOD 0 OR MOD 1

8 NOVEMBER 1993

#### UNIT LOAD DATA

	MOD 0	MOD 1
NUMBER OF GUIDANCE SECTIONS PER CONTAINER	1	1
NUMBER OF CONTAINERS PER UNIT LOAD	4	4
NUMBER OF GUIDANCE SECTION PER UNIT LOAD	4	4
GROSS WEIGHT OF ONE CONTAINER	108 LBS.	147 LBS.
WEIGHT OF PALLET	92 LBS.	92 LBS.
WEIGHT OF DUNNAGE	28 LBS.	28 LBS.
WEIGHT OF STEEL STRAPPING	5.5 LBS.	5.5 LBS.
GROSS WEIGHT OF UNIT LOAD	566.5 LBS. $\Delta$	722.5 LBS. $\Delta$
CUBE	75 CU. FT.	75 CU. FT.

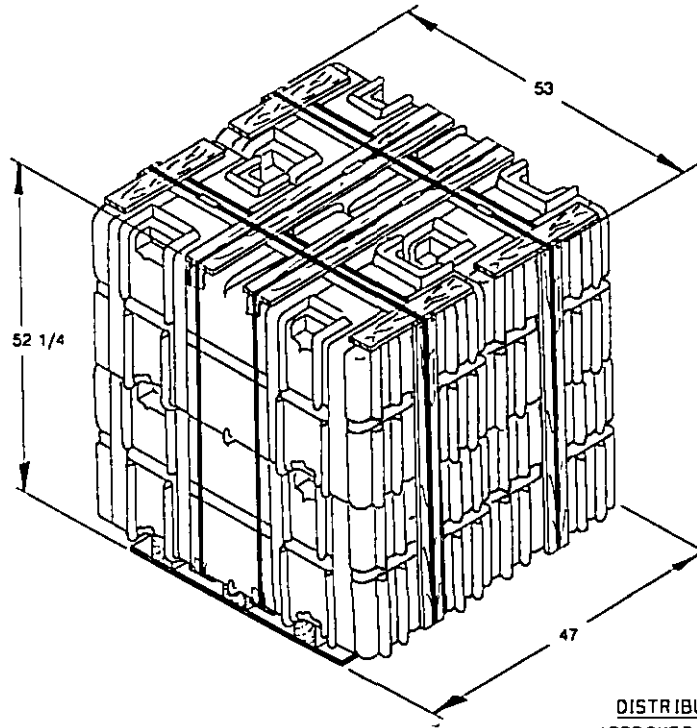


DWG. 10001-2642958 (MOD 0)  
DWG. 53711-6213011 (MOD 1)

$\Delta$  DO NOT USE FOR SHIPPING WEIGHT.

DO NOT STACK MORE THAN 2 UNIT LOADS HIGH IN STORAGE.

FOR UNIT LOAD QUALIFICATION SEE NWSE TEST REPORT #93067



AMSC NO. - N/A

DISTRIBUTION STATEMENT A  
APPROVED FOR PUBLIC RELEASE:  
DISTRIBUTION IS UNLIMITED.

NOTES:

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

REV LTR	REVISION DESCRIPTION	DATE	TDA	SYSCOM
			APPROVAL	

FSC 8140

THIS UNIT LOAD IS AUTHORIZED AND RELEASED FOR DEPOT HANDLING AND STORAGE AND FOR SHIPMENT BY COMMON CARRIER.

REQUIREMENTS FOR CONSTRUCTION OF THIS UNIT LOAD SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF MIL-STD-1322 (NAVY).

*C. Smith* 93-11-5  
 SIGNATURE TDA, WPNSTA EARLE DATE  
*R. Williams* 93-11-8  
 SIGNATURE NAVSEA SYSCOM BY DIRECTION DATE

ORIGINATOR *Ray L. Luter* 93-11-4  
DATE

WPNSTA EARLE, NEW JERSEY

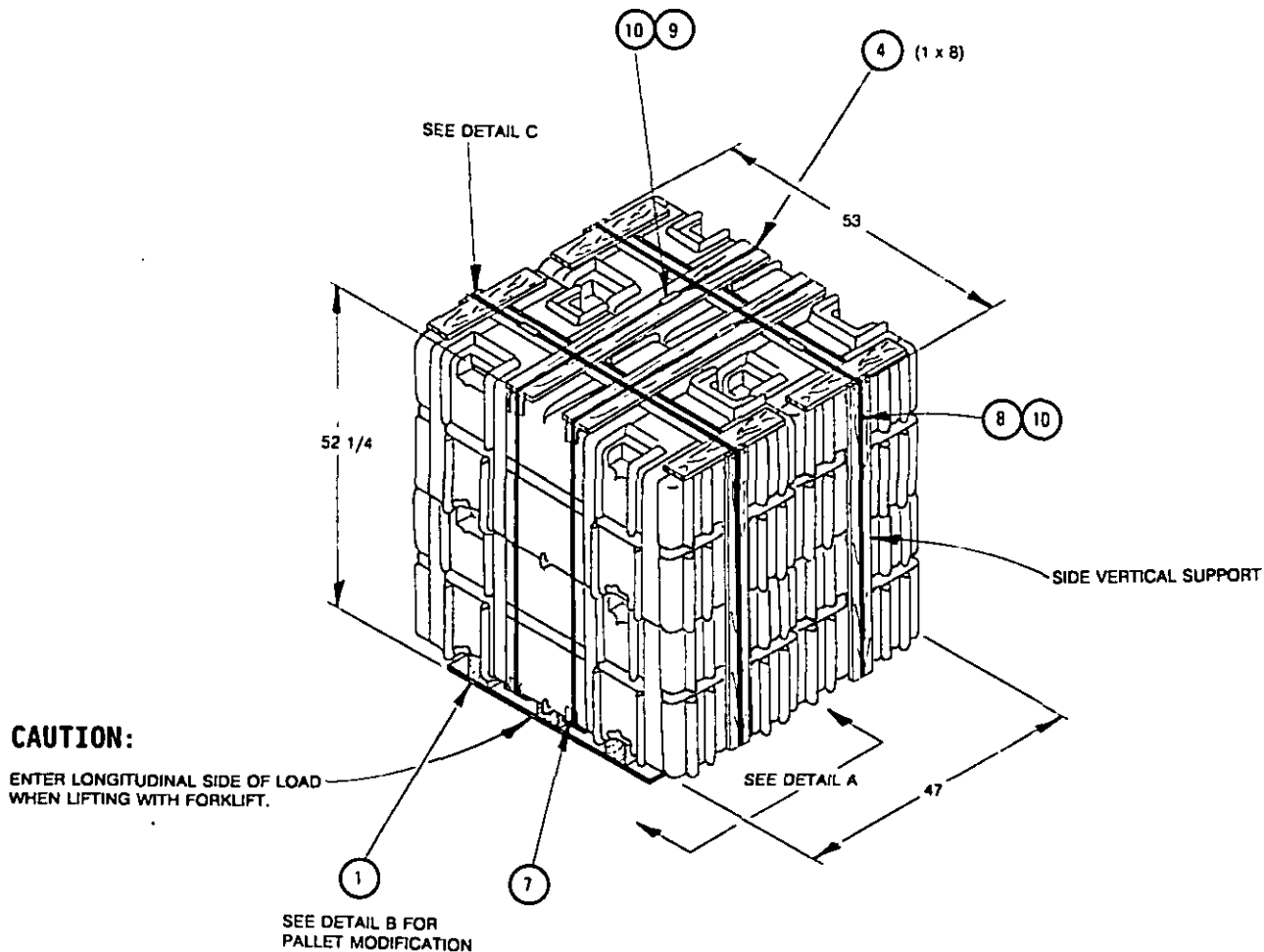
## MIL-STD-1322-109 (NAVY)

## PALLETIZING PROCEDURE

- (a) THREAD LONGITUDINAL STRAPPING, ITEM 8, THROUGH SLOTS IN PALLET DECK AS SHOWN IN DETAIL A.
- (b) POSITION 4 CONTAINERS ON MODIFIED PALLET WITH EQUAL OVERHANG ON BOTH SIDES AND ENDS.
- (c) PLACE TOP PROTECTOR BOARDS ITEM 4, ON TOP OF UNIT LOAD AND POSITION SIDE VERTICAL SUPPORTS AGAINST SIDE OF LOAD APPROXIMATELY AS SHOWN 4PL.
- (d) PLACE EDGE PROTECTORS ITEM 7 AND POSITION LATERAL STRAPPING, ITEM 9, UNDER PALLET DECK AND OVER TOP PROTECTOR BOARDS WITHIN APPROXIMATE LOCATION SHOWN. TENSION AND DOUBLE NOTCH SEALS, ITEM 10.
- (e) POSITION LONGITUDINAL STRAPPING, ITEM 8, OVER SIDE VERTICAL SUPPORTS AND OVER TOP OF LOAD. TENSION AND DOUBLE NOTCH SEALS, ITEM 10.

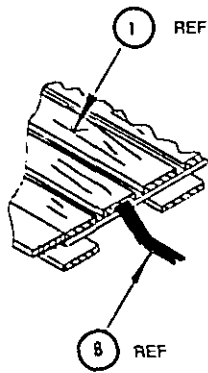
## MARKING:

IN ADDITION TO ANY SPECIAL MARKING REQUIRED BY CONTRACT OR ORDER, UNIT LOAD SHALL BE MARKED IN ACCORDANCE WITH MIL-STD-129.

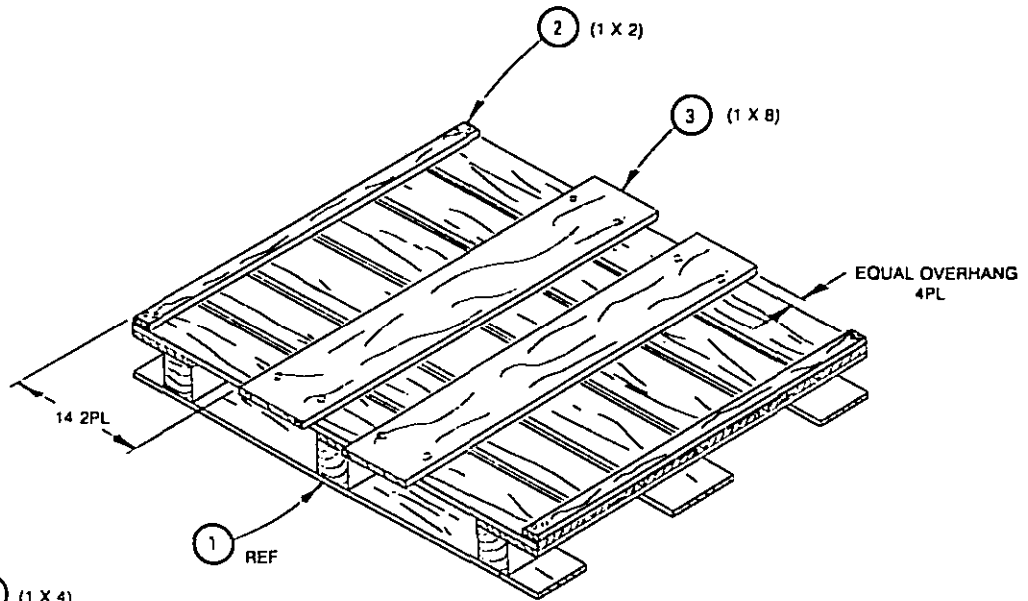


## DEPALLETIZING PROCEDURE

- (a). CUT AND REMOVE STRAPPING.
- (b). REMOVE EDGE PROTECTORS, TOP PROTECTOR BOARDS & SIDE VERTICAL SUPPORTS.
- (c). REMOVE CONTAINERS.



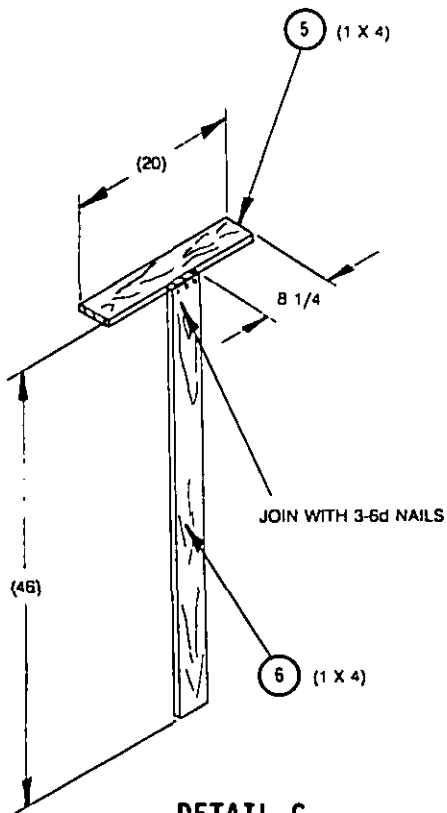
**DETAIL A**



**DETAIL B**

PALLET MODIFICATION

JOIN ITEMS 2 & 3 TO PALLET  
W/2-1 1/4 NAILS/JOINT



**DETAIL C**

VERTICAL SUPPORT

NOTE: ALL MATERIALS SHALL BE IAW MIL-STD-1323 (NAVY).

4	10	SEAL	STEEL	FOR 3/4 STRAPPING
2	8	STRAPPING, LATERAL	STEEL	3/4 X .035 X 32FT 6
2	8	STRAPPING, LONGITUDINAL	STEEL	3/4 X .035 X 34FT 6
8	7	EDGE PROTECTOR	FIBER BD	CUT SIZE TO SUIT
4	6	VERTICAL	DETAIL C	1 X 4 X 46
4	5	HORIZONTAL	DETAIL C	1 X 4 X 20
2	4	TOP PROTECTOR BOARD	WOOD	1 X 8 X 43 1/2
2	3	CENTER STABILIZER	DETAIL B	1 X 8 X 43 1/2
2	2	END STABILIZER	DETAIL B	1 X 2 X 40
1	1	PALLET	MIL-P-15011	40 X 48
<b>REQ</b>	<b>ITEM</b>	<b>DESCRIPTION</b>	<b>MAT'L/DWG</b>	<b>DIMENSIONS</b>

**LIST OF MATERIALS**