

# MILITARY STANDARD

MIL-STD-1322-866

## UNIT LOAD

(NAVY)

FOR DOMESTIC AND OVERSEAS SHIPMENT

MK 23 MODS JATO ROCKET MOTOR IN

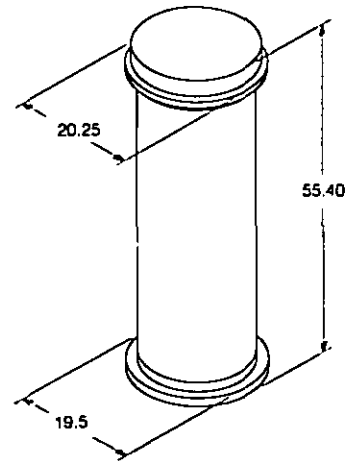
16" POWDER TANK, MK 4 MODS

30 APRIL 1993

SUPERSEDING  
WR-53/866  
14 MAY 1981

### UNIT LOAD DATA

16" POWDER TANK MK 4	MOD 0 (AL)	MOD 1 (STL)
NUMBER OF MOTORS PER TANK	1	1
NUMBER OF TANKS PER UNIT LOAD	4	4
GROSS WEIGHT OF ONE TANK	355 LBS	377 LBS
WEIGHT OF WOOD COVER AND SPACER	29 LBS	29 LBS
WEIGHT OF STEEL STRAPPING	11 LBS	11 LBS
WEIGHT OF PALLET	90 LBS	90 LBS
GROSS WEIGHT OF UNIT LOAD	1550 LBS $\Delta$	1638 LBS $\Delta$
CUBE	68.3 CU FT	68.3 CU FT



SHIPPING (PACKING) CONDITION

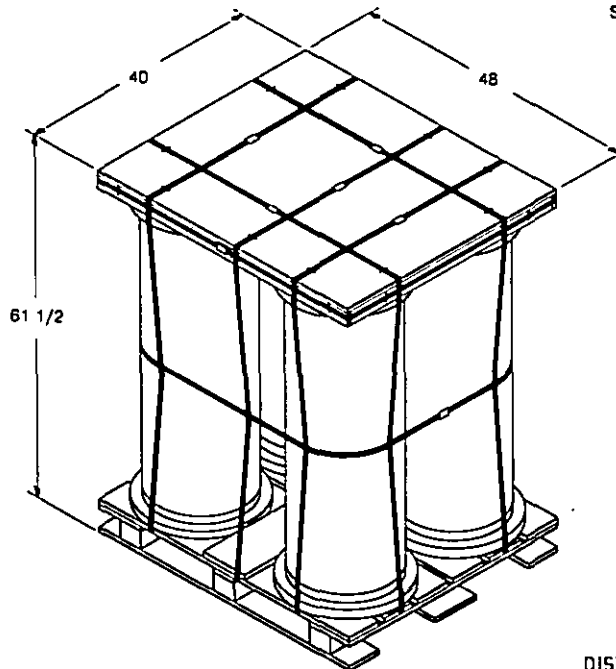
30003-1133AS100

$\Delta$  DO NOT USE FOR SHIPPING PURPOSES

DO NOT STACK MORE THAN  
2 UNIT LOADS HIGH IN STORAGE

FOR HAZARD CLASSIFICATION  
SEE SW020-AC-SAF-010/020/030

FOR UNIT LOAD QUALIFICATION  
SEE NWSE TEST REPORT #7608



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).

SIGNATURE *[Signature]* TDA, WPNSTA EARLE DATE 93/12/27  
SIGNATURE *[Signature]* NAVAIRSYSCOM BY DIRECTION DATE 93/5/28

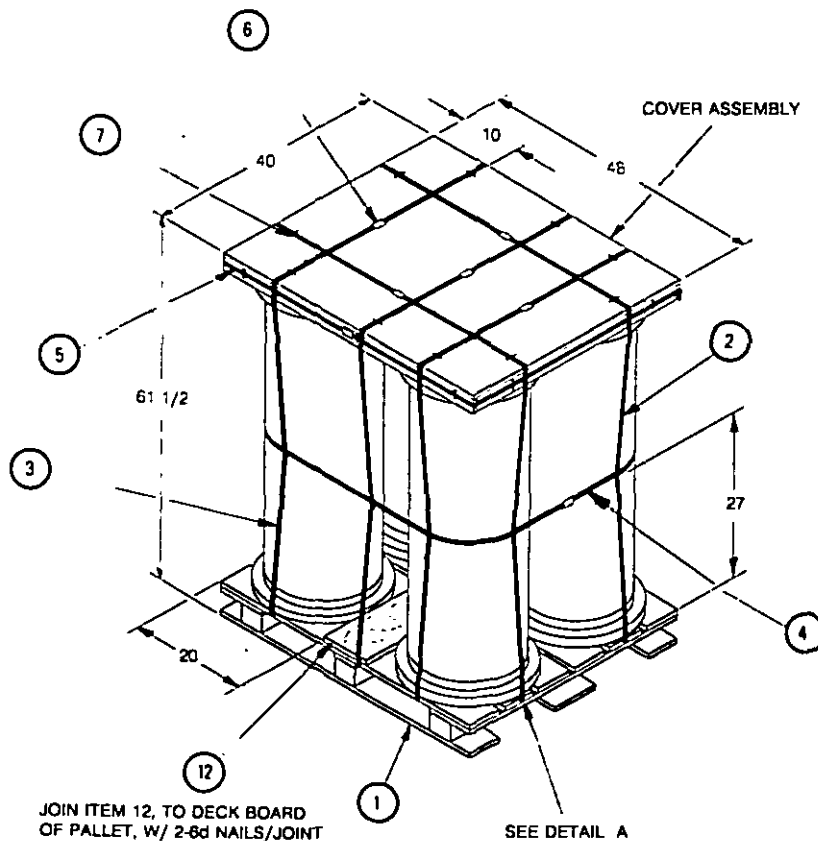
ORIGINATOR *[Signature]* DATE 11/17  
WPNSTA EARLE, NEW JERSEY PAGE 1 OF 3

## PALLETIZING PROCEDURE

- (A) INSTALL SPACER, ITEM 12, ON THE DECK BOARD OF PALLET, ITEM 1, AT LOCATION AS SHOWN. WITH NAILS AS SPECIFIED.
- (B) THREAD LONGITUDINAL STRAPPING, ITEM 2, THROUGH THE SLOTS IN THE PALLET DECK, ITEM 1, AS SHOWN IN DETAIL A.
- (C) POSITION THE TANKS ON THE PALLET WITH THEIR BOTTOM FLANGES TOGETHER AND AGAINST THE SPACER, ITEM 12. MAINTAIN EQUAL UNDERHANG AT BOTH SIDES AND ENDS OF THE PALLET.
- (D) POSITION GIRTHWISE STRAPPING, ITEM 5, AROUND THE COVER ASSEMBLY. TENSION AND DOUBLE NOTCH THE SEAL, ITEM 8.
- (E) POSITION THE COVER ASSEMBLY ON THE TANKS WITH SPACER, ITEM 11, BETWEEN THE TWO ROWS OF TANKS.
- (F) POSITION LONGITUDINAL STRAPPING, ITEM 2, OVER THE COVER ASSEMBLY. TENSION AND DOUBLE NOTCH THE SEALS, ITEM 6.
- (G) POSITION LATERAL STRAPPING, ITEM 3, UNDER THE PALLET DECK AND OVER THE COVER ASSEMBLY. TENSION AND DOUBLE NOTCH THE SEALS, ITEM 6.
- (H) POSITION GIRTHWISE STRAPPING, ITEM 4, AROUND STRAPPING, ITEMS 2 AND 3 AT LOCATION AS SHOWN. TENSION UNTIL TIGHT AROUND THE TANKS AND DOUBLE NOTCH THE SEAL, ITEM 6.
- (I) SECURE STRAPPING, ITEMS 2 AND 3, TO THE COVER ASSEMBLY WITH STAPLES, ITEM 7.

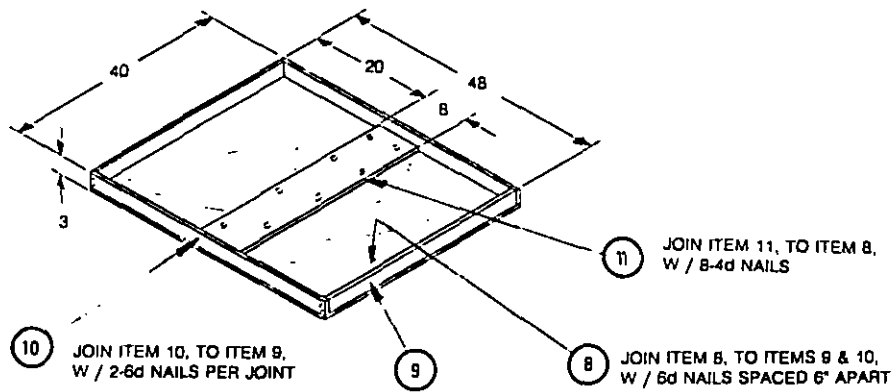
### MARKING:

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

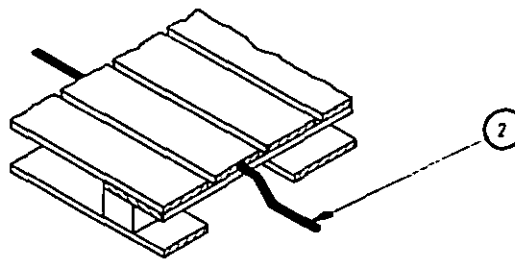


## DEPALLETIZING PROCEDURE

- (A) REMOVE STAPLES FROM TOP FACE OF COVER ASSEMBLY
- (B) CUT AND REMOVE STRAPPING.
- (C) REMOVE COVER ASSEMBLY.
- (D) REMOVE TANKS.



COVER ASSEMBLY CONSTRUCTION



ALL MATERIALS SHALL BE IAW MIL-STD-1322 (NAVY)

1	12	SPACER	WOOD	1 X 8 (ACTUAL WIDTH) X 39
1	11	SPACER (COVER ASSY)	WOOD	1 X 8 (ACTUAL WIDTH) X 39
2	10	SIDE	PLYWOOD	1/2 X 2 1/2 X 48
2	9	END	PLYWOOD	1/2 X 2 1/2 X 39
1	8	PANEL	PLYWOOD	1/2 X 40 X 48
20	7	STAPLE	STEEL	3/4
7	6	SEAL	STEEL	FOR 3/4 STRAPPING
1	5	STRAPPING, GIRTHWISE	STEEL	3/4 X .035 X 16 FT
1	4	STRAPPING, GIRTHWISE	STEEL	3/4 X .035 X 14 FT 6
3	3	STRAPPING, LATERAL	STEEL	3/4 X .035 X 17 FT 6
2	2	STRAPPING, LONGITUDINAL	STEEL	3/4 X .035 X 19 FT
1	1	PALLET MIL-P-15011	WOOD	40 X 48 X 5 1/2
REQ	ITEM	DESCRIPTION	MAT'L/DWG	DIMENSIONS

LIST OF MATERIALS

PREPARING ACTIVITY:

NAVY-05

( PROJECT NO. 8140-0101 )

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