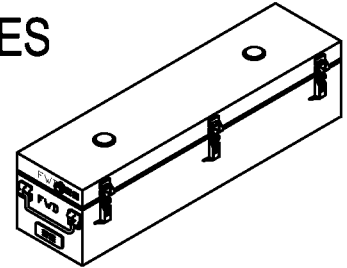


UNIT LOAD FOR UNDERWAY REPLENISHMENT COMPUTER CONTROL GROUP; MAU-169 SERIES, MAU-209 SERIES AND WGU-53 SERIES FOR LASER GUIDED BOMBS IN CONTAINER, CNU-317 SERIES

UNIT LOAD DATA

	MAU-169 MAU-209	WGU-53
NUMBER OF CONTROL GROUPS PER CONTAINER . . .	1	1
NUMBER OF CONTAINERS PER UNIT LOAD	9	9
GROSS WEIGHT OF ONE CONTAINER	99 LB.	128.5 LB.
WEIGHT OF STEEL STRAPPING (APPROXIMATE) . .	9 LB.	9 LB.
WEIGHT OF PALLET (APPROXIMATE)	90 LB.	90 LB.
WEIGHT OF UNIT LOAD (APPROXIMATE)	990 LB. Δ	1255.5 LB. Δ
CUBE	50.8 CU. FT.	50.8 CU. FT.



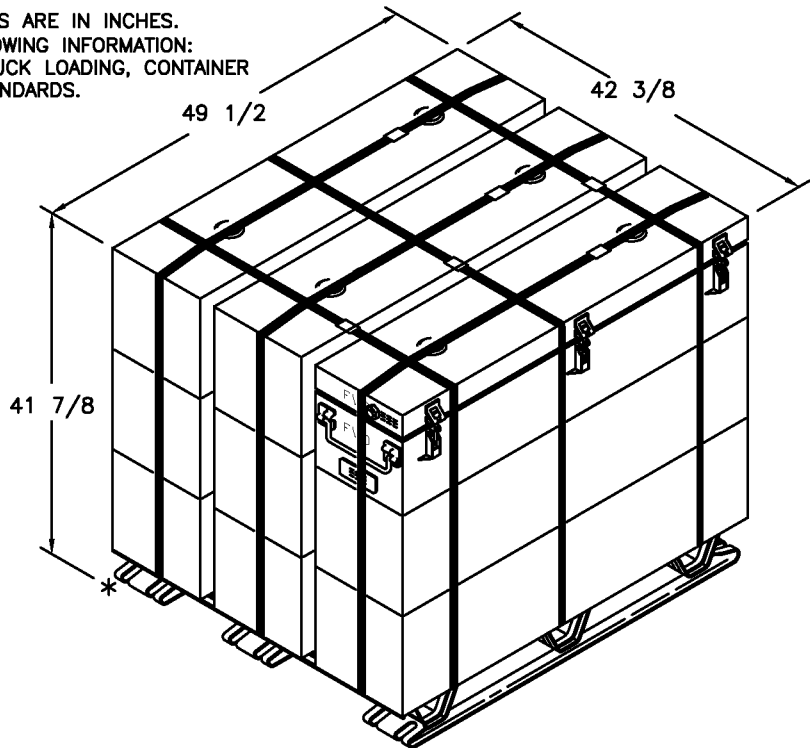
CONTAINER, CNU-317 SERIES
CONTAINER DIMENSIONS

LENGTH	49-1/2
WIDTH	14-1/8
HEIGHT (OVERALL) . . .	12-1/2
HEIGHT (STACKING) . .	12-1/8

Δ DO NOT USE FOR SHIPPING WEIGHT

NOTES:

1. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
2. SEE SW020-AC-SAF-010 FOR THE FOLLOWING INFORMATION:
 - A. CROSS REFERENCE TO ASSOCIATED TRUCK LOADING, CONTAINER LOADING & CAR LOADING MILITARY STANDARDS.
 - B. HAZARD CLASSIFICATION.
3. DO NOT STACK MORE THAN 4 UNIT LOADS HIGH IN STORAGE.
4. FOR UNIT LOAD QUALIFICATION, SEE PHST CENTER TEST REPORT NO. 8131 AND 07066.



REV.	REVISION DESCRIPTION	DATE	TDA	SYSCOM
B	SEE NSWC IHD DET EARLE ECP I07060	12/5/07	S/MK/CC	S/AVS
A	SEE NSWC IHD DET EARLE ECP I04054	8/11/04	S/JM	S/RS
-	SUPERSEDES MIL-STD-1323-307	5/20/02	S/AVS	S/RS

TECH DATA MANAGEMENT SUPERVISOR	EP/ S/AVS	5/20/02
SYSTEMS ENG. SUPERVISOR	S/GB	5/20/02
<hr/> S/R. SMITH 5/20/02 NAVSEASYSKOM (BY DIRECTION)		

DISTRIBUTION STATEMENT A
APPROVED FOR PUBLIC RELEASE: DISTRIBUTION IS UNLIMITED

REQUIREMENTS FOR CONSTRUCTION OF THIS LOAD SHALL CONSIST OF THIS DOCUMENT & THE LATEST ISSUE OF MIL-STD-1323 (NAVY).

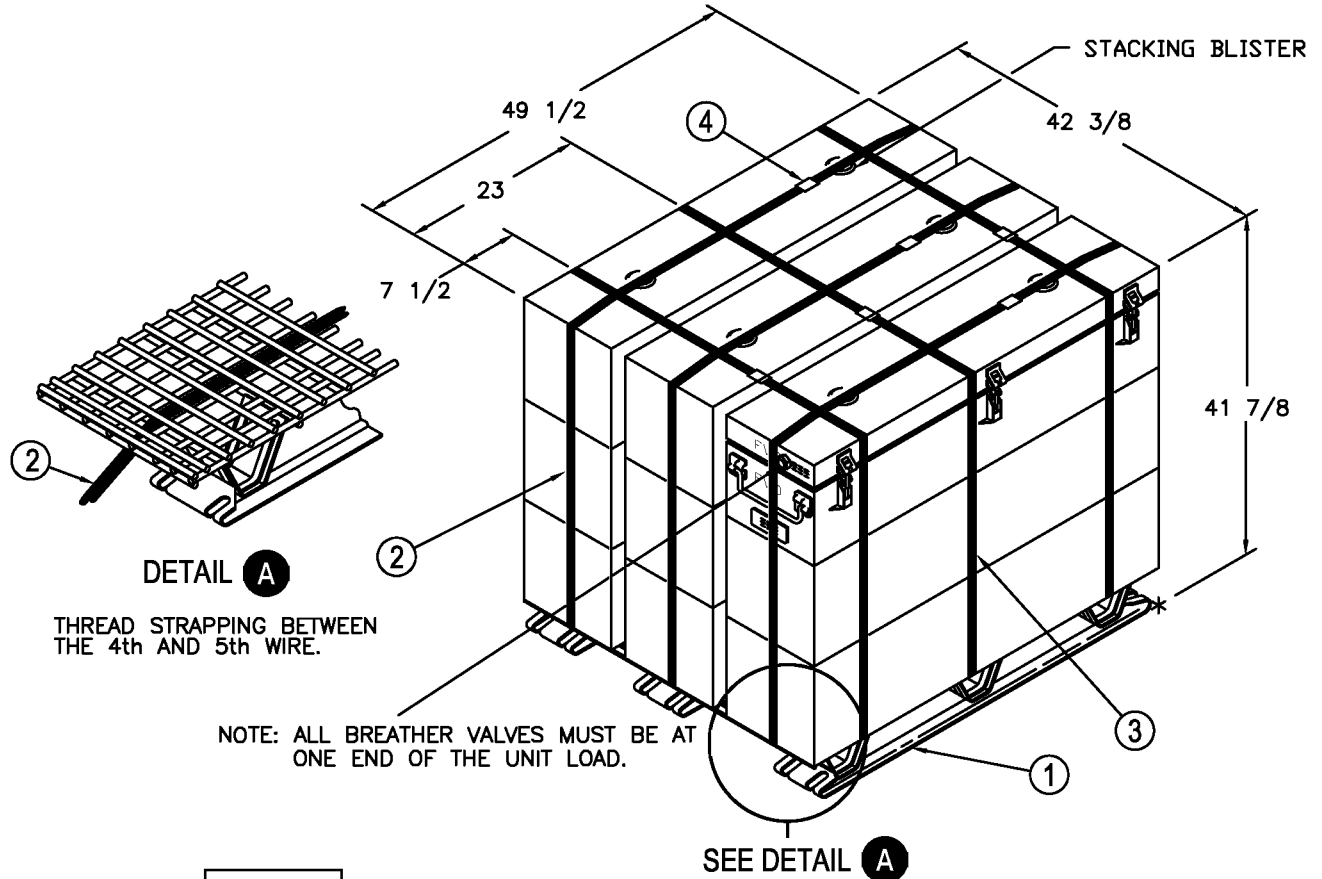
THIS LOAD IS AUTHORIZED & RELEASED FOR SHIPPING & STORAGE, TRANSFER-AT-SEA & FOR SHIPMENT BY COMMON CARRIER.

DEPARTMENT OF THE NAVY NAVAL SEA SYSTEMS COMMAND WASHINGTON, D.C., 20362	CAGE CODE 53711
	SIZE A

DWG NO. 6214415	REV. B
PAGE 1 OF 3	

PALLETIZING PROCEDURE

- (a) THREAD THE LONGITUDINAL END STRAPPING, ITEM 2, BETWEEN THE DECK WIRES OF THE PALLET, ITEM 1, AS SHOWN IN DETAIL A. THE MIDDLE STRAP IS THREADED AT THE CENTER OF THE PALLET DECK.
- (b) POSITION THE CONTAINERS ON THE PALLET WITH EQUAL OVERHANG ON BOTH SIDES AND ENDS.
- (c) POSITION THE LATERAL STRAPPING, ITEM 3, UNDER THE PALLET DECK, ITEM 1, AROUND THE UNIT LOAD, AS SHOWN, TENSION AND SECURE EACH STRAP WITH ONE DOUBLE NOTCH SEAL, ITEM 4.
- (d) POSITION LONGITUDINAL STRAPPING, ITEM 2, AROUND THE UNIT LOAD, TENSION AND SECURE EACH STRAP WITH ONE DOUBLE NOTCH SEAL, ITEM 4.



WARNING

WEAR LEATHER GLOVES AND EYE PROTECTION (WITH SIDE SHIELDS) OR GOGGLES TO PREVENT INJURY WHEN PERFORMING STRAPPING OPERATIONS. RAPIDLY UNCOILING STRAPPING MAY CAUSE INJURY. DIRECT STRAPPING AWAY FROM PERSONNEL WHEN CUTTING STRAPPING UNDER TENSION.

NOTES:

1. STRAPPING SHALL CONFORM TO ASTM D3953, FLAT, TYPE 1, HEAVY DUTY, FINISH B, GRADE 2.
2. SEALS SHALL CONFORM TO ASTM D3953, CLASS H, FINISH B, GRADE 2, STYLE I, II OR IV.

DEPALLETIZING PROCEDURE

- (a) CUT AND REMOVE STRAPPING.
- (b) REMOVE CONTAINERS.

6	4	SEAL	SEE NOTE 2	3/4 SIZE
3	3	STRAPPING, LATERAL	SEE NOTE 1	3/4 X .031 (OR .035) X 15 FT
3	2	STRAPPING, LONGITUDINAL	SEE NOTE 1	3/4 X .031 (OR .035) X 16 FT
1	1	PALLET MK 3 MOD 0	564200	40 X 48 X 4 3/4
REQD	ITEM	DESCRIPTION	MAT'L/DWG	DIMENSIONS

LIST OF MATERIALS

MARKING

1. IN ADDITION TO ANY SPECIAL MARKING REQUIRED BY CONTRACT OR ORDER, THE UNIT LOAD SHALL BE MARKED IN ACCORDANCE WITH 28620-ACV00561 AND THE FOLLOWING NOTES.
2. LINEAR BAR CODE LABELS:
 - A. IN ADDITION TO 2D BAR CODE LABELS OF ACV00561, APPLY NIIN AND LOT NUMBER LINEAR BAR CODE LABELS AS FOLLOWS:
 - 1) THE LINEAR BAR CODE LABELS SHALL BE APPLIED ON THE FAR RIGHT VERTICAL STRAPS ON THE SHORT DIMENSION OF THE UNIT LOAD. LABELS SHALL BE APPLIED TO THE UNIT LOAD STRAPPING STARTING 18 INCHES ABOVE THE PALLET DECK. A DUPLICATE SET OF LABELS SHALL BE APPLIED ON EITHER ADJACENT SIDE.
 - 2) NIIN BAR CODE LABEL: THE NINE-DIGIT NATIONAL ITEM IDENTIFICATION NUMBER (NIIN), OWNERSHIP CODE AND AMMUNITION CONDITION CODE SHALL BE ENCODED AS A SINGLE "MESSAGE". THE NIIN SHALL BE ENCODED WITHOUT THE DASHES. A SPACE (ENCODED) SHALL BE PLACED BETWEEN THE NIIN AND THE OWNERSHIP CODE AND BETWEEN THE OWNERSHIP CODE AND AMMUNITION CONDITION CODE.
 - a) OWNERSHIP CODE: THE OWNERSHIP CODE SHALL BE AS FOLLOWS:
 1. FOR ARMY-OWNED AMMUNITION- "1".
 2. FOR MARINE CORPS-OWNED AMMUNITION- "4".
 3. FOR NAVY OWNED-AMMUNITION- "5".
 4. FOR AIR FORCE-OWNED AMMUNITION- "6".
 5. FOR COAST GUARD-OWNED AMMUNITION- "7".
 - b) AMMUNITION CONDITION CODE: THE AMMUNITION CONDITION CODE (C/C) SHALL BE "A" FOR NEW PRODUCTION ASSETS.
 - 3) LOT/SERIAL NUMBER BAR CODE LABEL: THE LOT NUMBER, SERIAL NUMBER, SHELF-LIFE EXPIRATION DATE AND QUANTITY SHALL BE ENCODED ON THE SAME "MESSAGE". A SLASH (ENCODED) SHALL BE PLACED BETWEEN THE LOT NUMBER AND THE SERIAL NUMBER, WHEN BOTH LOT AND SERIAL NUMBERS ARE ASSIGNED. THE SHELF-LIFE EXPIRATION DATE IS A 4 DIGIT DATA ELEMENT REPRESENTING THE MONTH (01 THROUGH 12) AND LAST TWO DIGITS OF THE YEAR. THE SHELF-LIFE SHALL BE ENCODED BETWEEN THE SERIAL NUMBER AND THE QUANTITY, IF A SHELF-LIFE IS ASSIGNED. A SPACE (ENCODED) SHALL BE PLACED BETWEEN THE SERIAL NUMBER AND THE SHELF-LIFE DATE AND BETWEEN THE SHELF-LIFE DATE AND THE QUANTITY.
 - B. LINEAR BAR CODE REQUIREMENTS:
 - 1) LABELS SHALL MEET THE REQUIREMENTS FOR GRADE A, STYLE 1, COMPOSITION B, LABELS AS SPECIFIED IN MIL-PRF-61002. THE PERFORMANCE REQUIREMENTS FOR SOLVENT AND DETERGENT RESISTANCE ARE NOT REQUIRED. THE LABEL SHOULD BE THE PRESSURE SENSITIVE ADHESIVE TYPE. ADDITIONAL PERFORMANCE REQUIREMENTS THAT MUST BE MET ARE AS FOLLOWS:
 - a) THE LABEL MATERIAL WILL BE MINIMUM OF 6.8 MIL THICK (7 MIL NOMINAL). MATERIAL WILL PROVIDE A MINIMUM OF 42 LBS/1-INCH WIDE TENSILE STRENGTH AT BREAK WHEN TESTED IAW ASTM D882. MATERIAL WILL PROVIDE A MINIMUM OF 6600 GRAMS (66 NEWTONS) OF PUNCTURE PROPAGATION AND TEAR RESISTANCE WHEN TESTED IAW ASTM D2582.
 - b) EACH LABEL SHALL BE NO GREATER THAN 4 INCHES BY 4 INCHES SQUARE. NEW PRODUCTION SHALL HAVE LABELS OF MINIMUM SIZE WITH MINIMUM AMOUNT OF WHITE SPACE. FORMAT IS NOT MANDATED BUT THE INFORMATION SHOULD BE GROUPED BY NSN OR PART NUMBER AND THEN BY SERIAL NUMBER FOR EACH LOT NUMBER IF APPLICABLE.
 2. THE BAR CODE SYMBOLOGY AND HUMAN READABLE INFORMATION (HRI) THAT ARE TO BE APPLIED SHOULD BE THE STANDARD DOD SYMBOLOGY AS DESCRIBED IN ANSI/AIM BC1 (UNIFORM SYMBOLOGY SPECIFICATION CODE 39). THE ANSI/AIM BC1 IS A DOCUMENT PUBLISHED BY AIM USA AND MAY BE OBTAINED DIRECTLY FROM AIM USA BY WRITING TO 634 ALPHA DRIVE, PITTSBURGH PA 15328-2802 OR CALL (412) 963-8588. THE HRI SHALL BE AN EXACT INTERPRETATION OF THE DATA ENCODED IN THE BAR CODE AND SHOULD NOT CONTAIN ANY SPACES OR DASHES, THE PREFERRED LOCATION FOR THE HRI IS BELOW THE BAR CODE MARKINGS.
 3. BAR CODE RESTRICTIONS:
 - a) DENSITY OF THE BAR CODE SHALL BE 9.4 CHARACTERS PER INCH UNLESS OTHERWISE SPECIFIED.
 - b) HEIGHT OF BAR CODE SHALL BE 0.25 INCH OR GREATER. THE HEIGHT OF THE BARS MAY EXTEND TO THE EDGE OF THE LABEL.
 - c) DISTANCE BETWEEN THE BAR CODE AND THE HRI WILL BE BETWEEN 0.003 AND 0.010 INCH. THE PREFERRED DISTANCE IS 0.003.
 - d) HEIGHT OF THE HRI SHALL BE BETWEEN 0.09 AND 0.15 INCH. THE PREFERRED HEIGHT IS 0.09.