UNITIZATION PROCEDURES FOR 40MM CARTRIDGES, PACKED 192 PER PAIO5 4-WAY ENTRY METAL SHIPPING AND STORAGE CONTAINER, UNITIZED TWO CONTAINERS PER UNIT LOAD

		UNIT LO	AD DATA			
ITEMS IN	CLUDED	HAZA	RD CLAS	SIFICATIO	ON O	WEIGHT
NSN	DODIC	DOT CLASS	CG CLASS	QD CLASS	COMP GROUP	(LBS)
UNASSIGNED						3,203

• HAZARD CLASSIFICATION DATA CONTAINED IN THE ABOVE CHART IS FOR GUIDANCE AND INFORMATIONAL PURPOSES ONLY. VERIFICATION OF THE SPECIFIED DATA SHOULD BE MADE BY CONSULTING THE MOST RECENT JOINT HAZARD CLASSIFICATION SYSTEM LISTING OR OTHER APPROVED LISTING(S).

Γ	REVI	SIONS	DRAFTSMAN RILL		FWRF	
			CHECKER GRG APPENES, GRMANO SMCAR-ESH		ENT, MUNITIONS	7.0. Byd n 5-5
			APPROVED OF MATERIEL OF	OMMAND (AMC)	AMC DI	AND SCHOOL
		1	CLASS	JANUAI	RY 1985	FILE
l			19	48	4186	20PM 1005

DO NOT SCALE

GENERAL NOTES

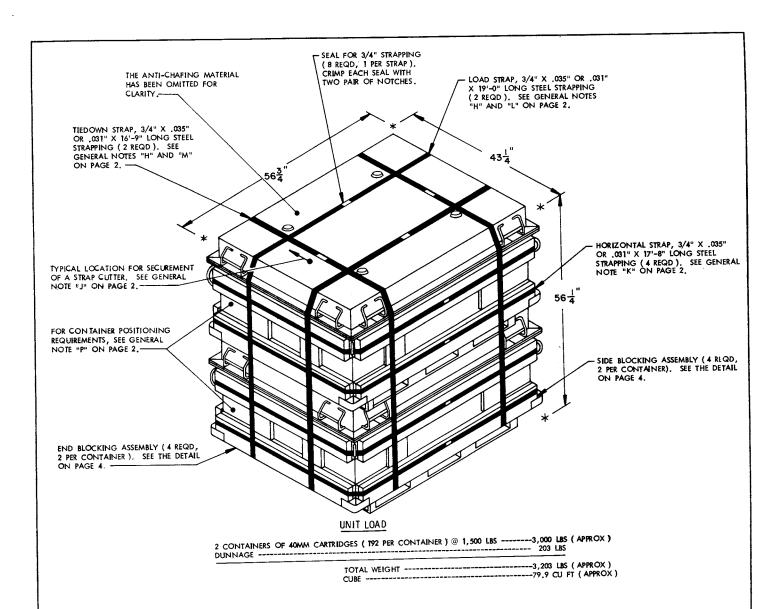
- A. THIS DOCUMENT HAS BEEN PREPARED AND ISSUED IN ACCORDANCE WITH AR 740-1, AND AUGMENTS TM 743-200-1 (CHAPTER 5) AND CONFORMS TO MIL-STD-1660.
- B. DIMENSIONAL LUMBER SPECIFIED THROUGHOUT THIS PROCEDURAL DRAWING IS OF A NOMINAL SIZE, UNLESS OTHERWISE SPECIFIED. FOR EXAMPLE, 1" X 6" MATERIAL IS ACTUALLY 3/4" THICK BY 5-1/2" WIDE AND 2" X 6" MATERIAL IS ACTUALLY 1-1/2" THICK BY 5-1/2" WIDE.
- C. DETAILS OF THE 40MM AMMUNITION PA105 METAL SHIPPING AND STORAGE CONTAINER.

CONTAINER DIMENSIONS ---LENGTH --- 56-5/8"
WIDTH ---- 43-1/8"
HEIGHT --- 28-1/4"
1,500 LBS

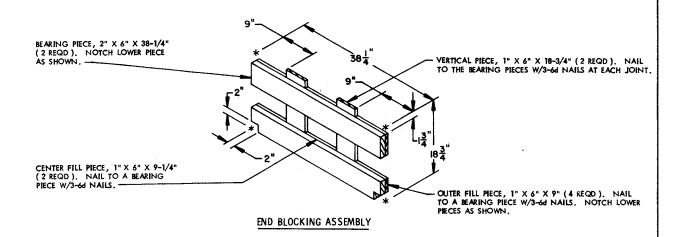
- D. A PLUS OR MINUS 1/4" IS ALLOWED ON OVERALL DIMENSIONS OF ANY DUNNAGE ASSEMBLY; HOWEVER, SIMILAR PIECES IN AN ASSEMBLY MUST BE WITHIN 1/8" OF THE SAME DIMENSION.
- E. WHEN ASSEMBLING A UNIT LOAD, CARE SHALL BE TAKEN TO INSURE THAT THE CONTAINERS AND/OR DUNNAGE ASSEMBLIES ARE EVENLY ALIGNED HORIZONTALLY AND VERTICALLY SO THAT THE SIDES AND ENDS OF THE UNIT LOAD DO NOT EXCEED A 1/2" TOLERANCE.
- F. IN ORDER TO OBTAIN COMPACT SOUND UNITS, STRAPS SHALL BE LOCATED IN PROPER ALIGNMENT AND SHALL BE PROPERLY TENSIONED SO AS TO NOT CAUSE CONTAINER DISTORTION. AFTER TENSIONING, ALL STRAPS WILL BE SECURED USING ONE SEAL CRIMPED WITH TWO PAIR OF NOTCHES. ALL STRAPPING MUST BE STRAIGHT WITHIN 2" ON ANY SURFACE OF THE UNITIZED LOAD, I.E., TOP, BOTTOM, SIDES, OR ENDS THAT IT ENCOMPASSES.
- G. WHEN APPLYING ANY STRAP, CARE MUST BE EXERCISED TO ASSURE THAT THE END OF THE STRAP ON THE UNDERSIDE OF THE JOINT EXTENDS AT LEAST 6" BEYOND THE SEAL. THIS EXTRA MINIMUM LENGTH OF STRAP IS REQUIRED TO PERMIT SUBSEQUENT TIGHTENING OF LOOSENED STRAPPING, RETENSIONING CAN BE ACCOMPLISHED WITHOUT REPLACING OR SPLICING STRAPPING THROUGH THE USE OF A FEEDWHEEL TYPE MANUAL OR PNEUMATIC TENSIONING TOOL, AND THE APPLICATION OF ONE ADDITIONAL SEAL.
- H. ANTI-CHAFING (NEUTRAL BARRIER) MATERIAL MUST BE PLACED BETWEEN CONTAINERS AND BETWEEN STRAPPING AND CONTAINERS TO ELIMINATE ALL METAL TO METAL CONTACT.
- J. FOR THE METHOD OF SECURING A STRAP CUTTER TO THE PALLET UNIT, SEE AMC (DARCOM) DRAWING 19-48-4127-20P1000.
- K. INSTALL EACH HORIZONTAL STRAP TO ENCIRCLE THE DUNNAGE ASSEMBLIES AS SHOWN. HORIZONTAL STRAPS MUST BE TENSIONED AND SEALED PRIOR TO APPLICATION OF LOAD STRAPS.
- L. INSTALL THE LOAD STRAPS TO ENCRICE THE CONTAINERS AS SHOWN.
 LOAD STRAPS WILL NOT BE APPLIED UNTIL THE HORIZONTAL STRAPS
 HAVE BEEN TENSIONED AND SEALED.
- M. INSTALL THE TIEDOWN STRAPS TO ENCIRCLE THE CONTAINERS AS SHOWN. TIEDOWN STRAPS WILL NOT BE APPLIED UNTIL THE LOAD STRAPS HAVE BEEN TENSIONED AND SEALED.
- N. CONVERSION TO METRIC EQUIVALENTS: DIMENSIONS WITHIN THIS DOCUMENT ARE EXPRESSED IN INCHES AND WEIGHTS ARE EXPRESSED IN POUNDS. WHEN NECESSARY, THE METRIC EQUIVALENTS MAY BE COMPUTED ON THE BASIS OF ONE INCH EQUALS 25.4MM AND ONE POUND EQUALS 0.454 KG.
- O. POWER DRIVEN STAPLES MAY BE USED AS ALTERNATIVE FASTENERS FOR NAILS WHEN CONSTRUCTING THE DUNNAGE ASSEMBLIES WHICH ARE SPECIFIED WITHIN THIS DRAWING. THE STAPLES TO BE USED MUST BE EQUAL IN LENGTH TO THE SPECIFIED NAIL SIZE AND MUST BE SUBSTITUTED ON A ONE STAPLE FOR ONE NAIL BASIS. STAPLES WHICH ARE 2-1/2" OR LESS IN LENGTH SHOULD BE IN ACCORDANCE FEDERAL SPECIFICATION FF-N-105, AS NEARLY AS PRACTICABLE. STAPLES WHICH ARE LONGER THAN 2-1/2" WILL BE A COMMERCIAL GRADE, OF A QUALITY EQUIVALENT TO THOSE MANUFACTURED BY SENCO PRODUCTS INCORPORATED.
- P. THE TWO PAIDS CONTAINERS COMPRISING A UNIT LOAD WILL BE ORIENTED IN A UNIT LOAD SO THAT THE HUMIDITY INDICATORS OF THE CONTAINERS ARE VISIBLE FROM ONE END OF THE UNIT LOAD.

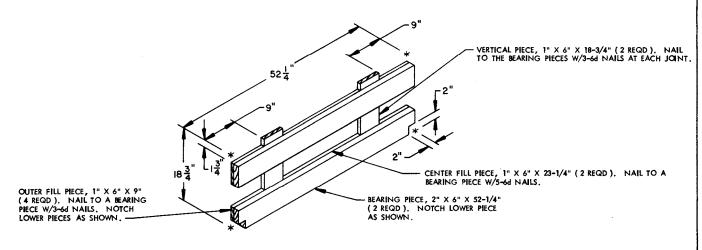
MATERIAL SPECIFICATIONS

<u> </u>	TM 743-200-1 (DUNNAGE LUMBER) AND FED SPEC MM-L-751.
NAILS	FED SPEC FF-N-105; COMMON.
STRAPPING, STEEL:	FED SPEC QQ-S-781; CLASS 1, TYPE I OR \(\frac{\textbf{X}}{\text{P}}\), HEAVY DUTY, FINISH B (GRADE 2), SIZE 3/4" X .035" OR .031".
SEAL, STRAP:	FED SPEC QQ-S-781; TYPE D, STYLE I, II, OR IX, CLASS H, FINISH B (GRADE 2).
ANTI-CHAFING MATERIAL	MIL-SPEC MIL-B-121 (OR EQUAL); NEUTRAL



LUMBER	LINEAR FEET	BOARD FEET
1" × 6"	70.67	35.33
2" X 6"	60.33	60.33
NAILS	NO. REQD	POUNDS
6d (2")	256	1.51





SIDE BLOCKING ASSEMBLY