

APPENDIX 107Q

UNITIZATION PROCEDURES FOR BOXED AMMUNITION AND COMPONENTS ON 4-WAY ENTRY PALLETS

MARKER, LOCATION, MARINE, PACKED 32 PER
WOODEN BOX, UNITIZED 24 BOXES PER 40" X 48"
PALLET; APPROX BOX SIZE $15\frac{3}{8}$ " L X $12\frac{3}{8}$ " W X $14\frac{7}{16}$ " H

PALLET UNIT DATA						
ITEMS INCLUDED		HAZARD CLASSIFICATION ^①				WEIGHT
NSN	DODIC	DOT CLASS	CG CLASS	QD CLASS	COMP GROUP	(LBS)
1370-00-166-6381	L584	B	II-C	1.3	G	1,839

NOTICE: THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19-48-4116-20PA1002.

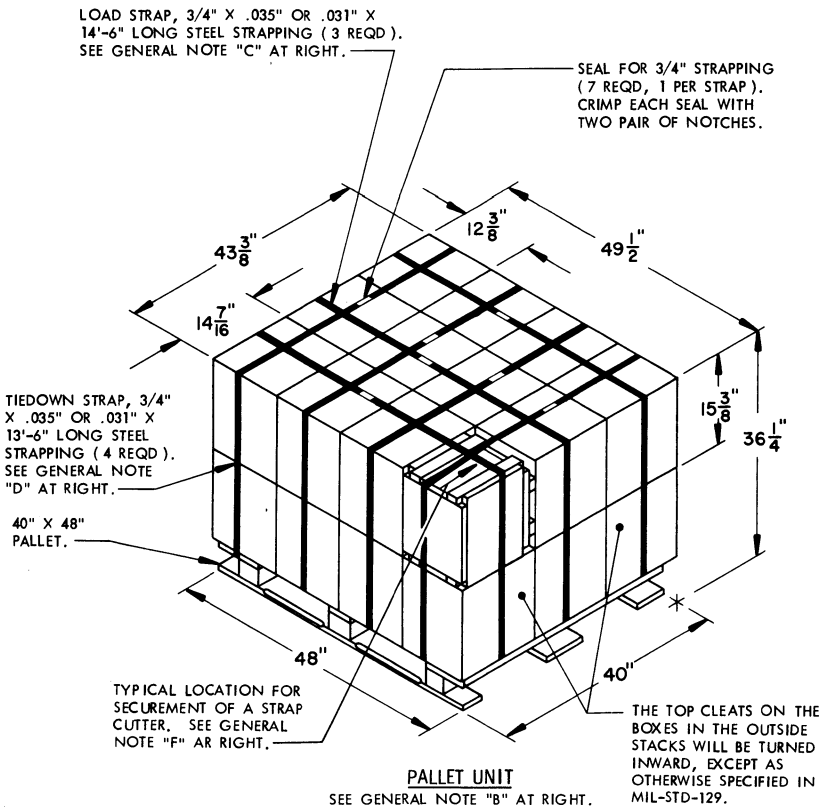
① HAZARD CLASSIFICATION DATA CONTAINED IN THE ABOVE CHART IS FOR GUIDANCE AND INFORMATIONAL PURPOSES ONLY. VERIFICATION OF THE SPECIFIED DATA SHOULD BE MADE BY CONSULTING THE MOST RECENT JOINT HAZARD CLASSIFICATION SYSTEM LISTING OR OTHER APPROVED LISTING(S).

DO NOT SCALE

REVISIONS				DRAFTSMAN <i>KLC</i>	rh	PROJ ENG <i>RAR</i>	<i>KEW</i>
				CHECKER <i>JMM</i>		LOG ENGRG OFFICE <i>W. Ernst</i>	
				APPROVED U. S. ARMY ARMAMENT, MUNITIONS AND CHEMICAL COMMAND			
				<i>Keith H. Benton</i>		<i>A. Bunnell</i>	
				DRMCM - LEP		DRMCM - TMD	
				APPROVED BY ORDER OF COMMANDING GENERAL, U. S. ARMY MATERIAL DEVELOPMENT AND READINESS COMMAND (DARCOM)			
				<i>John L. Byrd</i>			
				U. S. ARMY DEFENSE AMMUNITION CENTER AND SCHOOL			
				U. S. ARMY DARCOM DRAWING			
				FEBRUARY 1984			
CLASS	DIVISION	DRAWING	FILE				
19	48	4116/ 107Q	20PA 1002				

GENERAL NOTES

- A. THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19-48-4116-20PA1002. TO PRODUCE AN APPROVED UNIT LOAD, ALL PERTINENT PROCEDURES, SPECIFICATIONS AND CRITERIA SET FORTH WITHIN THE BASIC DRAWING WILL APPLY TO THE PROCEDURES DELINEATED IN THIS APPENDIX. ANY EXCEPTIONS TO THE BASIC PROCEDURES ARE SPECIFIED IN THIS APPENDIX.
- B. DIMENSIONS, CUBE AND WEIGHT OF A PALLET UNIT WILL VARY SLIGHTLY DEPENDING UPON THE ACTUAL DIMENSIONS OF THE BOXES AND THE WEIGHT OF THE SPECIFIC ITEM BEING UNITIZED.
- C. THE LOAD STRAPS WILL BE PRE-POSITIONED ON THE PALLET DECK PRIOR TO PLACING BOXES ON THE PALLET. LOAD STRAPS MUST BE TENSIONED AND SEALED PRIOR TO APPLICATION OF TIEDOWN STRAPS.
- D. INSTALL EACH TIEDOWN STRAP TO PASS UNDER THE TOP DECK BOARDS OF THE PALLET AND TO BE LOCATED AS SHOWN. TIEDOWN STRAPS WILL NOT BE APPLIED UNTIL THE LOAD STRAPS HAVE BEEN TENSIONED AND SEALED.
- E. THE FOLLOWING DARCOM DRAWINGS ARE APPLICABLE FOR OUTLOADING AND STORAGE OF THE ITEMS COVERED BY THIS APPENDIX.
 CARLOADING-----DRAWING 19-48-4115-5PA1002
 TRUCKLOADING ----DRAWING 19-48-4117-11PA1003
 STORAGE -----DRAWING 19-48-4118-1-2-3-4-14-22PA1002
- F. FOR METHOD OF SECURING A STRAP CUTTER TO THE PALLET UNIT, SEE DARCOM DRAWING 19-48-4127-20P1000.
- G. IF ITEMS COVERED HEREIN ARE UNITIZED PRIOR TO ISSUANCE OF THIS APPENDIX, THE BOXES NEED NOT BE REUNITIZED SOLELY TO CONFORM TO THIS APPENDIX.
- H. THE UNITIZATION PROCEDURES DEPICTED HEREIN MAY ALSO BE USED FOR UNITIZING MARINE LOCATION MARKERS WHEN IDENTIFIED BY DIFFERENT NATIONAL STOCK NUMBERS (NSN) THAN WHAT IS SHOWN ON THE TITLE PAGE, PROVIDED THE BOX PACK DOES NOT VARY FROM WHAT IS DELINEATED HEREIN. THE EXPLOSIVE CLASSIFICATION OF OTHER ITEMS MAY BE DIFFERENT THAN WHAT IS SHOWN.



24 BOXES OF MARINE LOCATION MARKERS (32 PER BOX) @ 73 LBS-----	1,752 LBS (APPROX)
DUNNAGE -----	7 LBS
PALLET -----	80 LBS
TOTAL WEIGHT -----	1,839 LBS (APPROX)
CUBE -----	45.0 CU FT (APPROX)

BILL OF MATERIAL

PALLET, 40" X 48"-----	1 REQD -----	80 LBS
STEEL STRAPPING, 3/4"-----	97.50' REQD -----	6.96 LBS
SEAL FOR 3/4" STRAPPING-----	7 REQD -----	NIL

TIE PIECE, 1" X 4" X BOX HEIGHT (2 REQD). NAIL TO LONGITUDINAL PIECES W/2-6d NAILS AT EACH END AND TO LATERAL PIECE W/1-6d NAIL.

