APPENDIX 135

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

SHAPE CHARGE, PACKED 4 PER WIREBOUND BOX, UNITIZED 60 BOXES PER 40" X 48" PALLET; APPROX BOX SIZE 14 % L X 12 % W X 9 % H

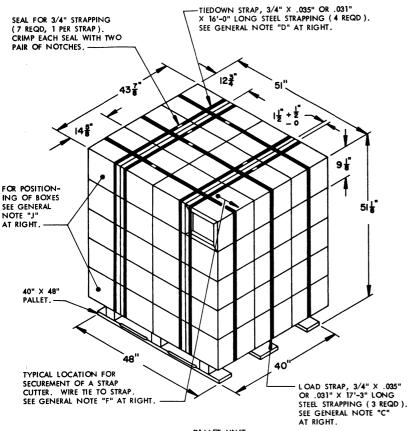
PALLET UNIT DATA									
ITEMS IN	CLUDED	HAZARD CLASSIFICATION ●				WEIGHT			
NSN	DODIC	DOT CLASS	CG CLASS	QD CLASS	COMP GROUP	(LBS)			
1375- 01-004-1083	M832	A	IX-B	1, 1	D	1, 649			

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

• 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). REVISIONS

| DAYSMAN | PROJ. ENC. | PROJ. EN

DO NOT SCALE



PALLET UNIT SEE GENERAL NOTE "B" AT RIGHT.

60 BOXES OF SHAP	PE CHARGES (4 PER BOX) @ 26 LBS	1,560	LBS (APPROX)
PALLET		- 80	LBS
	TOTAL WEIGHTCUBE	1,649	

BILL OF MATERIAL									
PALLET, 40" X 48"	115,75	REQD		8.27 LBS					

GENERAL NOTES

- A. THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19-48-4116-20PA 1002. 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 MAY BE THREADED THROUGH THE STRAP SLOTS
 OF A PALLET OR 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. NOTE THAT THE STRAPS WILL BE LOCATED AS DIMENSIONED, NEAR THE SIDE CLEATS OF THE END PANELS OF THE BOX. TIEDOWN STRAPS WILL NOT BE APPLIED UNTIL THE LOAD STRAPS HAVE BEEN TENSIONED AND SEALED.
- E. THE FOLLOWING DARCOM DRAWINGS ARE APPLICABLE FOR OUT-LOADING AND STORAGE OF THE ITEMS COVERED BY THIS APPENDIX.

CARLOADING ------ DRAWING 19-48-4115-5PA 1002
TRUCKLOADING ----- DRAWING 19-48-4117-11PA 1003
DRAWING 19-48-4118-1-2-3-4-14----22PA 1002

- 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 SHAPE CHARGES 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.
- J. POSITION THE THREE OUTBOARD BOXES OF THE BOTTOM LAYER ON THE 40" SIDES OF THE PALLET WITH THE TOPS DOWNWARD, AND THE THREE OUTBOARD BOXES OF THE TOP LAYER ON THE 40" SIDES OF THE PALLET WITH THE TOPS UPWARD,
- K. WHEN THE UNIT LOAD DEPICTED AT LEFT IS TO BE USED FOR UNITIZING MARINE CORPS AMMUNITION, ONE LAYER OF BOXES MUST BE OMITTED, TIEDOWN STRAP LENGTHS MUST BE DECREASED TO 14"-6", AND LOAD STRAP LENGTHS MUST BE DECREASED TO 15"-8". THIS WILL RESULT IN AN OVERALL UNIT HEIGHT OF 42", A GROSS UNIT WEIGHT OF 1,336 POUNDS, AND A UNIT CUBE OF 54.4 CUBIC FEET. ADDITIONALLY, THE UNIT LOAD MAY BE MODIFIED AS DESCRIBED WHEN BEING SHIPPED BY MILVAN OR COMMERCIAL INTERMODAL FREIGHT CONTAINER, CONVENTIONAL VAN TRAILER OR CONVENTIONAL OR HIGH-CAPACITY BOXCAR. THE DETERMINATION TO REDUCE THE LOAD BY A LAYER FOR TRANSPORTATION WILL BE MADE BY THE RESPONSIBLE COMMAND AND WILL BE BASED UPON ECONOMICS OF TRANSPORTATION AND HANDLING.

