APPENDIX 93

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

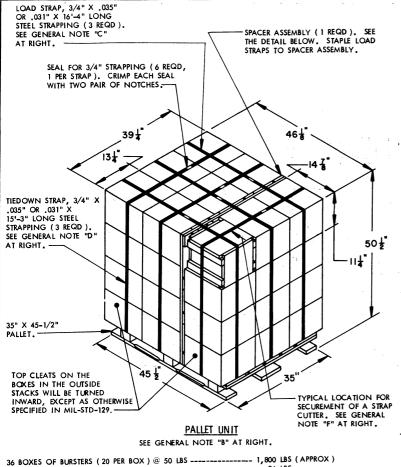
BURSTER, INCENDIARY, M4, PACKED 20 PER WOODEN BOX, UNITIZED 36 BOXES PER 35" X $45\frac{1}{2}$ " PALLET; APPROX BOX SIZE $13\frac{1}{4}$ " L X $11\frac{1}{4}$ " W X $14\frac{7}{8}$ " H

		PALLET	UNIT DA	TA		
ITEMS IN	CLUDED	HA	ZARD CLA	SSIFICAT	ION ®	WEIGHT
NSN	DODIC	DOT CLASS	CG CLASS	QD CLASS	COMP GROUP	(LBS)
1345- 00-690-7338	K010	A	X-A	1, 1	D	1, 891

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

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	ê			MENT, MUNITIONS	
	0*	216	enton	MA SECTION	
	2	APPROVED BY		MANDING GENERAL, READINESS COMMA	U. S. ARMY ND (DARCOM)
		U.S. ARMY	ORPENDE ANDIO	MITION CENTER AND	SCHOOL
$I I V \Gamma$		U. S. /	ARMY D	ARCOM [ORAWING
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		CLASS	DIVISION	DRAWING	FILE
		19	48	4116/93	20PA 1002

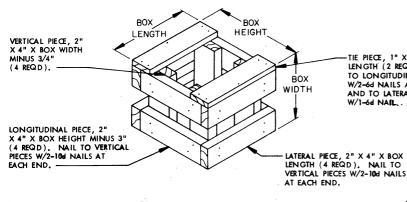
DO NOT SCALE



65 IBS

TOTAL WEIGHT ------ 1,891 LBS (APPROX)
CUBE ----- 52.9 CU FT (APPROX)

	BILL OF MATERIAL		
LUM BER	LINEAR FEET	BOARD FEET	
1" X 4"	28,25	9.42	
NAILS	NO. REQD	POUNDS	
6d (2")	32	0,14	
	" %2,75' REQ ING 6 REQI	D NIL	



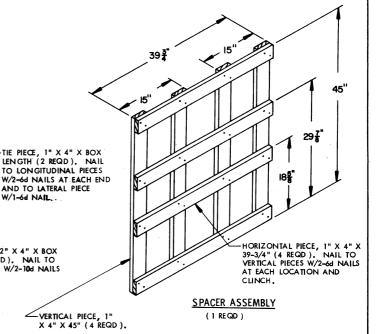
FILLER ASSEMBLY

(FOR MINUS ONE BOX)

GENERAL NOTES

- A. THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CON-JUNCTION 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 TENHIONED AND SEALED PRIOR TO APPLICATION OF TREDOWN 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.

- 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 BURSTERS WHEN IDENTIFIED BY DIFFERENT NATIONAL STOCK NUMBERS (NSN.) THAN WHAT IS SHOWN ON THE ITILE 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. 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 13'-4", LOAD STRAP LENGTHS MUST BE DECREASED TO 14'-5", AND THE SPACER ASSEMBLY MUST BE MODIFIED. SPACER ASSEMBLY MODIFICATIONS INCLUDE CHANGING VERTICAL PIECE LENGTH TO 33-3/4" ELIMINATING THE HORIZONTAL PIECES LOCATED AT THE 29-7/8" HEIGHT DIMENSION AND LOCATING THE UPPER HORIZONTAL IN AN OVERALL UNIT HEIGHT OF 39-1/4", A GROSS UNIT WEIGHT OF 1,436 POUNDS, AND A UNIT CUBE OF 41.6 CUBIC RET. 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



DUNNAGE -

PALLET -