# APPENDIX 171B

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

ALARM UNIT, CHEMICAL AGENT, AUTOMATIC, M42, PACKED 1 PER PPP-B-621 WOODEN BOX OR PPP-B-601 WOODEN BOX, OR PPP-B-585 WIREBOUND BOX BOX UNITIZED 84 PPP-B-621 BOXES PER 40" X 48" PALLET (UNIT LOAD A), OR 112 PPP-B-601 BOXES PER 40 X 48" PALLET (UNIT LOAD B), OR 140 PPP-B-585 BOXES PER 40" X 48" PALLET (UNIT LOAD C); APPROX PPP-B-621 BOX SIZE 13-15/16" L X 9-1/8" W X 6-7/8" H; APPROX PPP-B-601 BOX SIZE 13-3/16" L X 9-7/8" W X 5-7/8" H; APPROX PPP-B-585 BOX SIZE 12-13/16" L X 8-1/4" W X 6" H

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

DISTRIBUTION STATEMENT A.

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	William Frankt		APRIL 1985				
	U.S. ARMY DEFENSE AMMUNITION CENTER	CLASS	MOIZIVIO	DRAWING	FILE		
	REVISION NO. 1 DECEMBER 1998	19	48	4116/	20PA		
	SEE THE REVISION LISTING ON PAGE 2	2		171B	1002		

DO NOT SCALE

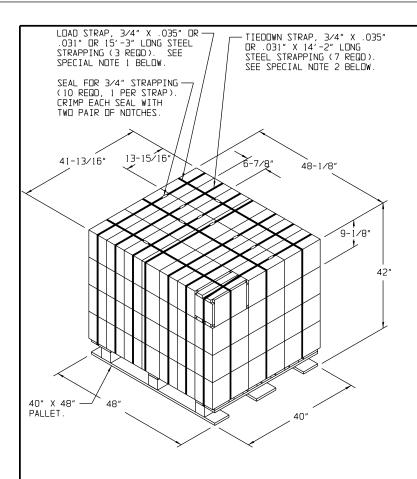
PALLET UNIT DATA								
ITEMS INCLUDED		HAZARD CLASS AND DIVISION •		APPROX WEIGHT LBS				
NZN	DODIC	DD CLASS	COMP GROUP	APPRUX WEIGHT LBS				
				UNIT A	UNIT B	UNIT C		
6665- 00-859-2215		INERT		1,185	1,181	1,730		

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

# REVISION

REVISION NO. 1, DATED DECEMBER 1998, CONSISTS OF:

- 1. CHANGING THE BOX SIZES.
- 2. CHANGING THE QUANTITY PER PACK.
- 3. ADDING WIREBOUND BOX PPP-B-585.
- 4. DELETING GENERAL NOTE RELATING TO STRAP CUTTER AND RE-LETTERING OTHER GENERAL NOTES.



#### 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 BETING UNITIZED.
- C. THE FOLLOWING AMC DRAWINGS ARE APPLICABLE FOR DUTLDADING AND STORAGE OF THE ITEMS COVERED BY THIS APPENDIX.

CARLDADING - - - 19-48-4115-5PA1002
TRUCKLDADING - - 19-48-4117-11PA1003
STORAGE - - - 19-48-4118-1-2-3-4-14-22PA1002
END OPENING ISO
CONTAINER - - - 19-48-4153-15PA1002
MILVAN - - - - 19-48-4166-15PA1003
SIDE OPENING ISO

- CONTAINER - 19-48-4267-15PA1009
- D. IF ITEMS COVERED HEREIN ARE UNITIZED PRIOR TO ISSUANCE OF THIS APPENDIX, THE BOXES NEED NOT BE REUNITIZED SOLELY TO CONFORM TO THIS APPENDIX.
- E. THE UNITIZATION PROCEDURES DEPICTED HEREIN MAY ALSO BE USED FOR UNITIZING ALARM, CHEMICAL AGENT, WHEN IDENTIFIED BY DIFFERENT NATIONAL STOCK NUMBERS (NSN) THAN WHAT IS SHOWN ON PAGE 2, 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.
- F. THE STYLE I PALLET DELINEATED IN THE DETAIL AT LEFT, AND ON PAGES 4 AND 5, NEED NOT HAVE CHAMFERS OR STRAP SLOTS AS SPECIFIED WITHIN MILITARY SPECIFICATION MIL-P-15011 WHEN USED FOR THE UNITIZATION OF ITEMS COVERED BY THIS APPENDIX.

#### PALLET UNIT A

SEE GENERAL NOTE "B" AT RIGHT.

TOTAL WEIGHT - - - - - - - - - - 1,185 LBS (APPROX)
CUBE ---- - - - - - - - - 48.9 CU FT (APPROX)

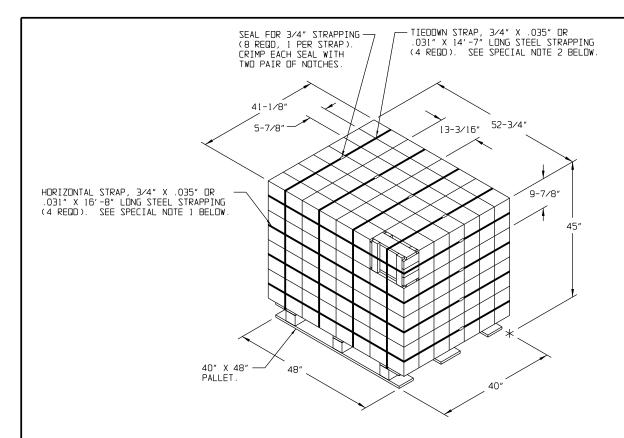
#### BILL OF MATERIAL

PALLET, 40" X 48" - - - - - - 1 REGD - - - 80 LBS STEEL STRAPPING, 3/4" - 144.92' REGD - 12.94 LBS SEAL FOR 3/4" STRAPPING - - 10 REGD - - NIL

#### SPECIAL NOTES

- I. 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.
- 2. INSTALL EACH TIEDDWN STRAP TO PASS UNDER THE DECK/ STRINGER BOARDS OF THE PALLET AND TO BE LOCATED AS SHOWN. TIEDDWN STRAPS WILL NOT BE APPLIED UNTIL THE LOAD STRAPS HAVE BEEN TENSIONED AND SEALED.

PAGE 3



#### PALLET UNIT B

SEE GENERAL NOTE "B" ON PAGE 3.

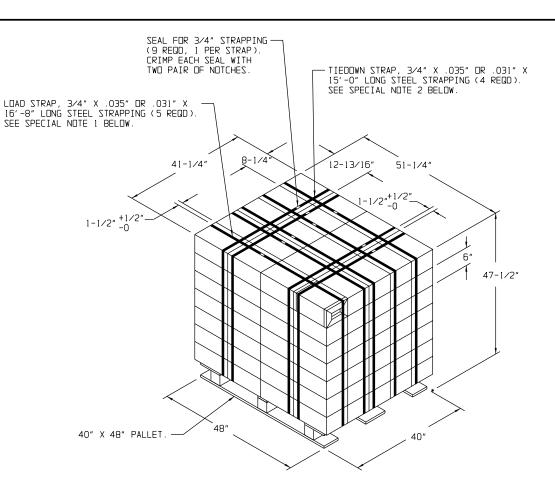
112 BOXES OF ALARM UNITS (1 PER BOX) AT 13 LBS 1,456 LBS (A DUNNAGE 12 LBS PALLET 80 LBS	APPROX)
TDTAL WEIGHT 1,548 LBS (A	

#### BILL OF MATERIAL

PALLET, 40" X 48" - - - - - - 1 REGD - - - 80 LBS STEEL STRAPPING, 3/4" - 112.58' REGD - 11.16 LBS SEAL FOR 3/4" STRAPPING - - - 8 REGD - - - NIL

#### SPECIAL NOTES

- 1. INSTALL EACH HORIZONTAL STRAP TO ENCIRCLE A LAYER OF BOXES ON THE PALLET. NOTE THAT THE STRAPS WILL BE LOCATED AS SHOWN. HORIZONTAL STRAPS MUST BE TENSIONED AND SEALED PRIOR TO THE APPLICATION OF TIEDDWN STRAPS.
- 2. INSTALL EACH TIEDOWN STRAP TO PASS UNDER THE DECK/ STRINGER BOARDS OF THE PALLET AND TO BE LOCATED AS SHOWN. TIEDOWN STRAPS WILL NOT BE APPLIED UNTIL THE HORIZONTAL STRAPS HAVE BEEN TENSIONED AND SEALED.



#### PALLET UNIT C

SEE GENERAL NOTE "B" ON PAGE 3.

140 BOXES OF ALARM UNIT (1 PER DUNNAGE	 	 	13 LBS	(APPR□X)
TOTAL WEIGHT CUBE				

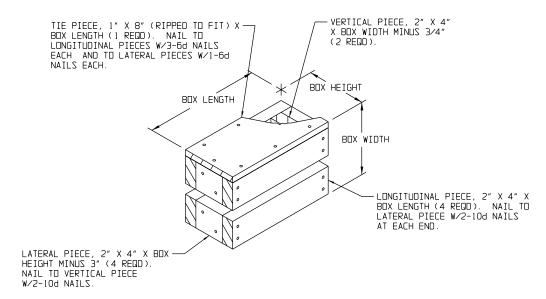
## BILL OF MATERIAL

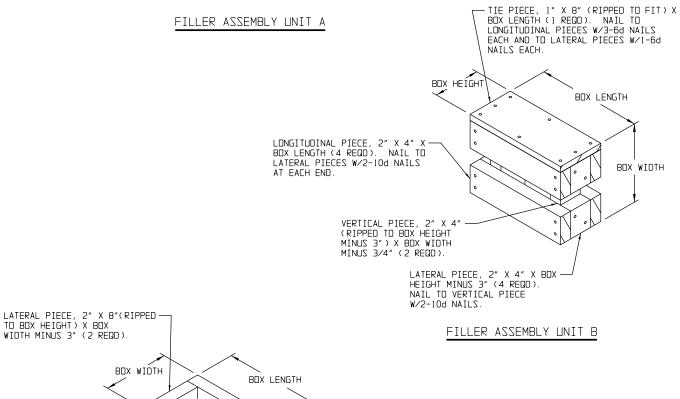
PALLET, 40" X 48" - - - - - - 1 REGD - - - 80 LBS STEEL STRAPPING, 3/4" - 144.92' REGD - 12.94 LBS SEAL FOR 3/4" STRAPPING - - 10 REGD - - NIL

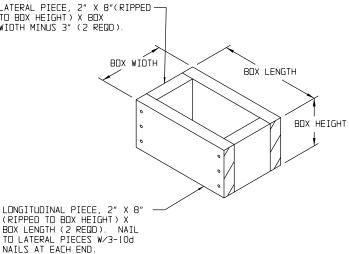
### SPECIAL NOTES

- 1. THE LOAD STRAPS MUST 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 TIEDDWN STRAPS.
- 2. INSTALL EACH TIEDOWN STRAP TO PASS UNDER THE TOP DECK BOARDS OF THE PALLET. NOTE THAT THE STRAPS WILL BE LOCATED AS SHOWN, 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.

PAGE 5







FILLER ASSEMBLY UNIT C

PAGE 6