APPENDIX 156S

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

FUZE, ELECTRONIC TIME, PACKED 8 PER M2 SERIES CONTAINER, 2 CONTAINERS PER WIREBOUND BOX, UNITIZED 36 BOXES PER 40" X 48" PALLET; APPROX BOX SIZE 14-5/8" L X 12-13/16" W X 8-9/16" 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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U.S. ARMY MATERIEL COMMAND DRAWING APPROVED, U.S. ARMY OPERATIONS SUPPORT COMMAND CAUTION: VERIFY PRIOR TO USE AT WWW.DAC.ARMY.MIL/DET THAT THIS IS THE MOST CURRENT VERSION OF THIS DOCUMENT. THIS IS PAGE 1 OF 4. DO NOT SCALE AMSTA-AR-WEP-RP DECEMBER 1980 BASIC WILLIAM R. FRERICHS ENGINEER OR **TECHNICIAN** LAURA A. FIEFFER RFV **REVISION NO. 2 JUNE 2002** APPROVED BY ORDER OF COMMANDING GENERAL. TRANSPORTATION U.S. ARMY MATERIEL COMMAND ENGINEERING SEE THE REVISION LISTING ON PAGE 2 CLASS DIVISION DRAWING VALIDATION ENGINEERING DIVISION 4116/ 20PA1002 19 48 **ENGINEERING** lion P. French **156S** DIRECTORAT U.S. ARMY DEFENSE AMMUNITION CENTER

| PALLET UNIT DATA | | | | | | | | | | |
|---|--|--|-----------------------------|--|--|--|--|--|--|--|
| ITEMS INCLUDED | | ●HAZARD | | | | | | | | |
| NSN | DODIC | CLASS AND DIVISION | COMPA- TABILITY GROUP | APPROX WEIGHT LBS | | | | | | |
| 1390- 01-282-6038 01-283-6532 01-068-3936 01-341-8659 01-474-2262 01-474-2272 | N289 N290 N601 NA15 NA16 NA17 | 1. 4 1. 2. 2 1. 2. 2 1. 4 1. 1 1. 4 1. 4 | S D D D S D S S | 1, 529 1, 601 1, 853 1, 529 1, 601 1, 529 1, 529 | | | | | | |

[•] 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).

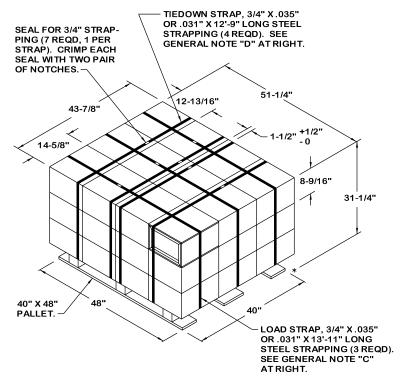
REVISIONS

REVISION NO. 1, DATED JUNE 1994, CONSISTS OF:

ADDING ITEM BY NATIONAL STOCK NUMBER TO THE "PALLET UNIT DATA" CHART.

REVISION NO. 2, DATED JUNE 2002, CONSISTS OF:

ADDING ITEMS BY NATIONAL STOCK NUMBER TO THE "PALLET UNIT DATA" CHART.



PALLET UNIT

SEE GENERAL NOTE "B" AT RIGHT.

| 36 BOXES OF DUNNAGE PALLET | | | | . 9 ι | |
|----------------------------------|---------------|--------|----------|--------------------------|----------------------------|
| | TOTAL CUBE | WEIGHT | | 1, 853 ı 40. 7 cu | BS (APPROX) FT (APPROX) |

PALLET, 40" x 48" - - - - - 1 REQD - - - 8.28 LBS STEEL STRAPPING, 3/4" - 92.75' REQD - - 8.28 LBS SEAL FOR 3/4" STRAPPING - - 7 REQD - - - - NIL

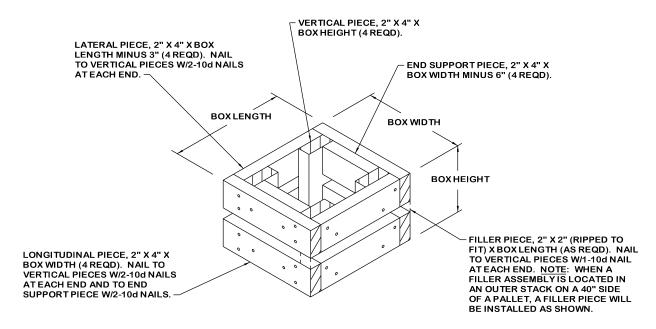
GENERAL NOTES

- 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 MAY BE THREADED THROUGH THE STRAP SLOTS OF A PALLET OR PRE-POSITIONED ON THE PALLET DECK PRIOR TO PLACING THE 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 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.
- E. THE FOLLOWING AMC DRAWINGS ARE APPLICABLE FOR OUTLOADING AND STORAGE OF THE ITEMS COVERED BY THIS APPENDIX.

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CARLOADING - - - - 19-48-4115-5PA1002
TRUCKLOADING - - - 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
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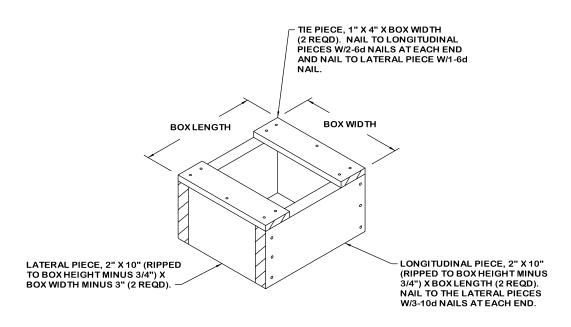
- F. IF ITEMS COVERED HEREIN ARE UNITIZED PRIOR TO ISSUANCE OF THIS REVISION TO THIS APPENDIX, THE BOXES NEED NOT BE REUNITIZED SOLELY TO CONFORM TO THIS REVISION.
- G. THE UNITIZATION PROCEDURES DEPICTED HEREIN MAY ALSO BE USED FOR UNITIZING FUZES WHEN IDENTIFIED BY DIFFERENT NATIONAL STOCK NUMBERS (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.
- H. IF DEEMED MORE ECONOMICALLY FEASIBLE, THE ALTERNATIVE FILLER ASSEMBLY MAY BE SUBSTITUTED FOR THE FILLER ASSEMBLY TO COMPLETE A LAYER ON A PALLET.
- J. POSITION THE THREE OUTBOARD BOXES ON THE 40" SIDES OF THE BOTTOM LAYER OF THE UNIT WITH THE TOPS DOWNWARD, AND THE THREE OUTWARD BOXES ON THE 40" SIDES OF THE TOP LAYER OF THE UNIT WITH TOPS UPWARDS.
- K. THE STYLE 1 PALLET DELINEATED IN THE DETAIL ABOVE 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.
- L. FOR DETAILS OF THE WIREBOUND BOX SEE ARDEC DRAWING 8861213.

PAGE 3



FILLER ASSEMBLY

(FOR MINUS ONE BOX)



ALTERNATIVE FILLER ASSEMBLY

(FOR MINUS ONE BOX)
SEE GENERAL NOTE "H" ON PAGE 3.

PAGE 4

PROJECT FSA 146/156S-75

DRAWING 19-48-4116/156S