APPENDIX 4 UNITIZATION PROCEDURES FOR BOXED WHITE PHOSPHORUS (WP) AND PLASTICIZED WHITE PHOSPHORUS (PWP) LOADED AMMUNITION ON 4 - WAY ENTRY PALLETS

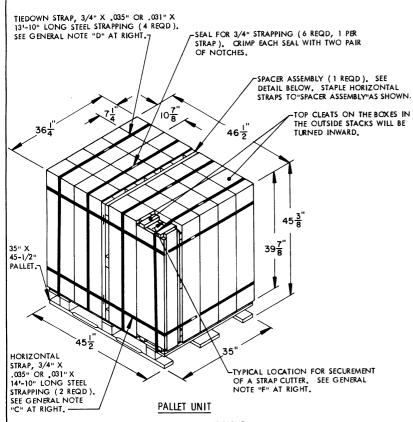
CARTRIDGE, 76MM, PACKED 2 PER WOODEN BOX, UNITIZED 20 BOXES PER 35" X $45\frac{1}{2}$ " PALLET; APPROX BOX SIZE $39\frac{7}{8}$ " L X $10\frac{7}{8}$ " W X $7\frac{1}{4}$ " H

| PALLET UNIT DATA | | | | | | |
|----------------------|-------|-----------------------|-------------|-------------|---------------|--------|
| ITEMS INCLUDED | | HAZARD CLASSIFICATION | | | | WEIGHT |
| NSN | DODIC | DOT CLASS | CG CLASS | QD CLASS | COMP GROUP | (LBS) |
| 1315- 00-028-4737 | C128 | A | П-D | (12) 1. 2 | н | 1, 806 |

NOTE: THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19-48-4015-20PA1004.

| REVISIONS | | DRAFTSMAN Diur CHECKER | | F/LLUV | | |
|-----------|--|---|-------------|---------------------------|--------------|--|
| | | GRG APPROVED L | S ARMY ARMA | Smat | Traband | |
| | | APPROVED BY ORDER OF COMMANDING GENERAL, U. S. ARMY MATERIEL DEVELOPMENT AND READINESS COMMAND (DARCOM) US ARMY DEFENSE AMMUNITION CENTER AND SCHOOL | | | | |
| | | | | DARCOM DRAWING RUARY 1983 | | |
| | | CLASS | DIVISION | DRAWING | FILE | |
| | | 19 | 48 | 4015/4 | 20PA 1004 | |

DO NOT SCALE



SEE GENERAL NOTE "B" AT RIGHT.

TOTAL WEIGHT -------1,806 LBS (APPROX)
CUBE ------44.3 CU FT (APPROX)

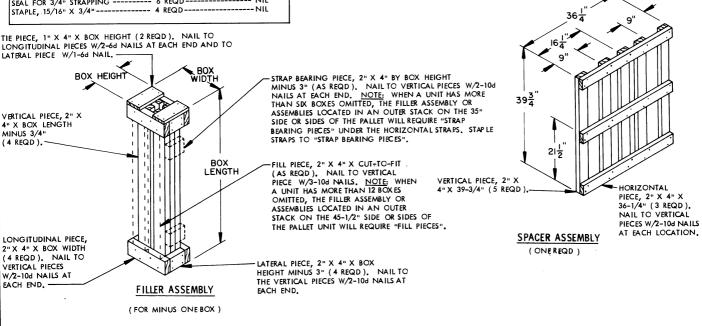
| LUMBER | LINEAR FEET | BOARD FEET | |
|--|-------------|------------|--|
| 2" X 4" | 25.63 | 17.08 | |
| NAILS | NO. REQD | POUNDS | |
| 10d (3") | 30 | 0.46 | |
| ALLET, 35" X 45-1/2" TEEL STRAPPING, 3/4 | | NIL | |

GENERAL NOTES

- A. THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19-48-4015-20PA.1004. 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. INSTALL THE HORIZONTAL STRAPS TO ENCIRCLE THE LAYER OF BOXES ON THE PALLET. HORIZONTAL STRAPS MUST BE TENSIONED AND SEALED PRIOR TO APPLICATION OF TIEDOWN STRAPS.
- D. 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 REEN 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
STORAGE ---------- 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 TO CONFORM TO THIS APPENDIX.
- H. THE UNITIZATION PROCEDURES DEPICTED HEREIN MAY ALSO BE USED FOR UNITIZING 76MM CARTRIDGES 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. IF THERE IS A NEED TO USE FILLER ASSEMBLIES AND AT LEAST TWO PALLET UNITS ARE BEING CONSTRUCTED, NOT MORE THAN 16 FILLERS WILL BE INSTALLED IN ANY ONE PALLET UNIT. ADDITIONAL FILLERS CAN BE PUT IN A SECOND PALLET UNIT AS REQUIRED WHEN THE QUANTITY OF 16 FILLERS IN THE FIRST REDUCED PALLET UNIT IS INSUFFICIENT TO SATISFY THE TOTAL REDUCTION NEEDED. USING TWO PALLET UNITS TO SATISFY THE PALLETIZATION CRITERIA APPLICABLE TO LESS-THAN-FULL PALLET UNITS IS AN EXCEPTION TO THE BASIC ROCEDURES. HOWEVER, THE EXCEPTION IS NECESSARY FOR THE AMMUNITION PACK COVERED BY THIS APPENDIX, TO MOST EFFECTIVELY GET AN ACCEPTABLE, COMPACT AND SOUND UNIT.



PAGE 2