## APPENDIX 120L

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

CHARGE, DEMOLITION, BLOCK, PACKED 24 PER WOODEN BOX, UNITIZED 36 BOXES PER 40" X 48" PALLET; APPROX BOX SIZE 174" L X 138" W X 114" H

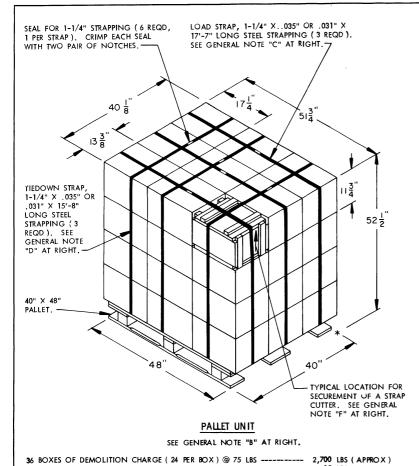
| PALLET UNIT DATA     |         |              |             |             |               |        |  |  |  |
|----------------------|---------|--------------|-------------|-------------|---------------|--------|--|--|--|
| ITEMS II             | NCLUDED | НА           | WEIGHT      |             |               |        |  |  |  |
| NSN                  | DODIC   | DOT<br>CLASS | CG<br>CLASS | QD<br>CLASS | COMP<br>GROUP | (LBS)  |  |  |  |
| 1375-<br>00-028-5148 | M038    | Α            | IX-B        | 1, 1        | D             | 2, 795 |  |  |  |

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 |    |  |  | Mar Bu   | / LAU   |      |  |
|-----------|----|--|--|----------|---------|------|--|
|           |    |  | CHECKER  | Ou/      | Signal  |      |  |
|           |    |  | APPROVED, U. S. ARMY ARMAMENT, MUNITIONS AND CHEMICAL  |          |         |      |  |
|           | 1/ |  | DREAR-LEP DREAR-THO  |          |         |      |  |
|           |    |  | APPROVED BY ORDER OF COMMANDING GENERAL, U. S. ARMY<br>MATERIEL DEVELOPMENT AND READINESS COMMAND (DARCOM) |          |         |      |  |
|           |    |  | G.S. ARMY DEFENSE ASSUMPTION CENTER & SCHOOL   |          |         |      |  |
|           |    |  | U. S. ARMY DARCOM DRAWING  |          |         |      |  |
|           |    |  | AUGUST 1983  |          |         |      |  |
|           |    |  | CLASS  | DIVISION | DRAWING | FILE |  |
|           |    |  | 19   | 48       | 4116/   | 20PA |  |
|           |    |  |  |          | 120L    | 1002 |  |

DO NOT SCALE



## BILL OF MATERIAL 1 REOD -----80 189 -- 99.75 REQD ---- 14.25 LBS SEAL FOR T-1/4" STRAPPING----6 REQD

15 LBS

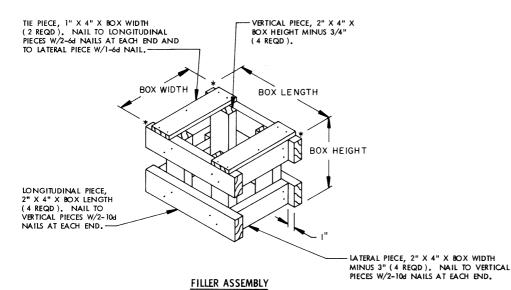
63.1 CU FT (APPROX)

36 BOXES OF DEMOLITION CHARGE ( 24 PER BOX ) @ 75 LBS -----

TOTAL WEIGHT ----

DUNNA GE --

PALLET --



( 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 APPENDIXY AND EXCEPTIONS TO THE BASIC 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 WALL BE PRE-POSITIONED ON THE PALLET DECK PRIOT TO PLACING BOXES ON THE PARLET,
- D. INSTALL EACH TIEDOWN STRAP TO PASS UNDER THE TOP DECK BOARDS OF THE PALLET AND TO BE LOCATED AS SHOWN. TIEDOWN STRAPS WILL BE TENSIONED AND SEALED PRIOR TO LOAD STRAPS.
- 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 19-48-4118-1-2-3-4-14-22PA1002.

- 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 DEMOLITION 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.
- WHEN THE UNIT LOAD DEPICTED AT LEFT IS TO BE USED FOR UNITIZING 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'-8", AND LOAD STRAP LENGTHS MUST BE DECREASED TO 15'-7". THIS WILL RESULT IN AN OVERALL UNIT HEIGHT OF 40-3/4", A GROSS UNIT WEIGHT OF 2,112 POUNDS, AND A UNIT CUBE OF 49.0 CUBIC FEET. ADDITIONALLY, THE UNIT LOAD MAY BE MODIFIED AS DESCRIBED WHEN BEING SHIPPED. BY MILVAN OR COMMERCIAL INTERMODAL FREIGHT CONTAINER, CONVENTIONAL VAN TRAILER OF 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.

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