

APPENDIX 139

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

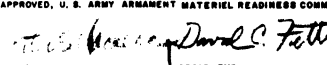
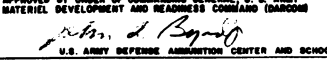
TNT, PACKED ONE BAG PER WOODEN BOX,
UNITIZED 24 BOXES PER 35" X 45 $\frac{1}{2}$ " PALLET;
• APPROX BOX SIZE 19 $\frac{1}{2}$ " L X 12" W X 11 $\frac{1}{4}$ " H

PALLET UNIT DATA						
ITEMS INCLUDED		HAZARD CLASSIFICATION				WEIGHT
NSN	DODIC	DOT CLASS	CG CLASS	OD CLASS	COMP GROUP	(LBS)
1376-00-628-3333	ML51	A	IX-B	1.1	D	1,535

REVISION

REVISION NO. 1, DATED AUGUST 1989, CONSISTS OF:
ADDING DODIC TO "PALLET UNIT DATA" CHART.

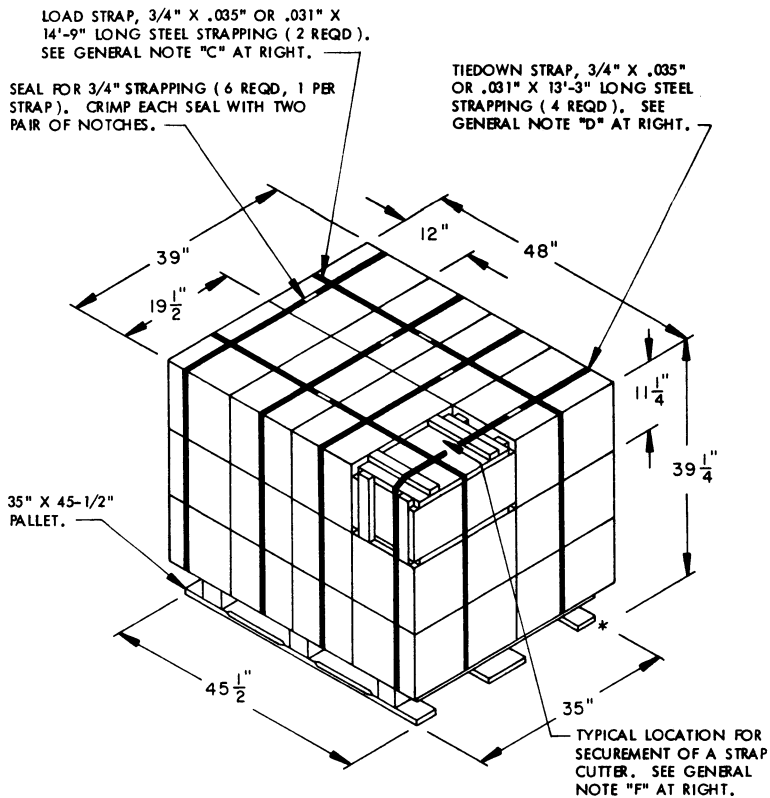
NOTICE: THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19-48-4116-20PA1002.

REVISIONS		DRAFTSMAN	PROJ ENG	WH (CP)
1	AUG 89	<i>WRF</i>	<i>WRF</i>	<i>WRF</i>
<div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; padding: 2px;"> <small>WRF</small> <small>WRF</small> </div> <div style="border: 1px solid black; padding: 2px;"> <small>Supervisor</small> <small>WRF</small> </div> </div>		<i>WRF</i>	<i>WRF</i>	<i>WRF</i>
<small>APPROVED, U. S. ARMY ARMAMENT MATERIEL READINESS COMMAND</small> <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; padding: 2px;"> <small>DODIC - EBN</small> <small>WRF</small> </div> <div style="border: 1px solid black; padding: 2px;"> <small>LOG ENGRG OFFICE</small> <small>WRF</small> </div> </div>		<small>APPROVED, U. S. ARMY ARMAMENT MATERIEL READINESS COMMAND</small> <div style="text-align: center;">  <small>Donald C. Feethy</small> </div>		
<small>APPROVED BY CHIEF OF COMMISSION GENERAL, U. S. ARMY MATERIEL DEVELOPMENT AND READINESS COMMAND (DARCOM)</small> <div style="text-align: center;">  <small>WRF</small> </div>		<small>U. S. ARMY DARCUM DRAWING</small> <div style="text-align: center;"> <small>DECEMBER 1980</small> </div>		
CLASS	DIVISION	DRAWING	FILE	
19	48	4116/ 139	20PA 1002	

DO NOT SCALE

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 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 DECK/STRINGER BOARDS OF THE PALLET AND TO BE LOCATED BETWEEN THE VERTICAL END CLEATS OF THE BOXES. TIEDOWN STRAPS WILL NOT BE APPLIED UNTIL THE LOAD STRAPS HAVE BEEN TENSIONED AND SEALED.
- E. THE FOLLOWING AMC (DARCOM) DRAWINGS ARE APPLICABLE FOR OUTLOADING AND STORAGE OF THE ITEMS COVERED BY THIS APPENDIX.
 - CARLOADING ----- DRAWING 19-48-4115-5PA1002
 - TRUCKLOADING ----- DRAWING 19-48-4117-11PA1003
 - STORAGE ----- DRAWING 19-48-4118-1-2-14-22PA1002
- 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 TNT 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. THE STYLE 1A PALLET DELINEATED IN THE DETAIL AT LEFT NEED NOT HAVE CHAMFERS OR STRAP SLOTS AS SPECIFIED WITHIN MILITARY SPECIFICATION MIL-P-15011 WHEN USED FOR THE UNITIZATION OF THE ITEMS COVERED BY THIS DRAWING.



PALLET UNIT

SEE GENERAL NOTE "B" AT RIGHT.

24 BOXES OF TNT (ONE BAG PER BOX) @ 61 LBS	-----	1,464 LBS (APPROX)
DUNNAGE	-----	6 LBS
PALLET	-----	65 LBS
<hr/>		
TOTAL WEIGHT	-----	1,535 LBS (APPROX)
CUBE	-----	42.5 CU FT (APPROX)

BILL OF MATERIAL

PALLET, 35" X 45-1/2"	-----	1 REQD	-----	65 LBS
STEEL STRAPPING, 3/4"	-----	82.50' REQD	-----	5.89 LBS
SEAL FOR 3/4" STRAPPING	-----	6 REQD	-----	NIL

