APPENDIX 7D

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

CARTRIDGE, 7.62MM, PACKED 1,500 PER M548
METAL BOX, UNITIZED 24 BOXES PER 40" X 48"
PALLET; APPROX BOX SIZE 18-19/32" L X 8-19/64" W
X 14-19/32" H

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

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U.S. ARMY MATERIEL COMMAND DRAWING

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PALLET UNIT DATA										
ITEMS INCL	UDED	*HAZARD								
NSN	DODIC	CLASS AND DIVISION	*COMPATI- BILITY GROUP	APPROX WEIGHT (LBS)						
1305- 00-143-8486 00-935-9247 01-569-2925 00-926-3942 01-569-2929 00-152-3292 01-380-9803 01-380-9840 01-458-6826 01-458-6823	A163 A164 A164 A165 A165 A168 A168 A257 A258 AA34 AA36	1. 4 1. 4 1. 4 1. 4 1. 4 1. 4 1. 4 1. 4	000000000000000000000000000000000000000	2, 969 2, 969 3, 185 2, 969 3, 185 2, 969 3, 185 2, 969 3, 185 3, 185						
01-598-5928 01-606-7063 01-606-6538	AB81 AB88 AB89	1. 4 1. 4 1. 4	C S S	3, 185 2, 969 2, 969						

^{*}HAZARD CLASSIFICATION DATA CONTAINED IN THE ABOVE CHART IS FOR GUID-ANCE AND INFORMATIONAL PURPOSES ONLY. VERIFICATION OF THE SPECIFIED DA-TA SHOULD BE MADE BY CONSULTING THE MOST RECENT JOINT HAZARD CLASSIFI-CATION SYSTEM LISTING OR OTHER APPROVED LISTING(S).

REVISIONS

REVISION NO. 1, DATED JANUARY 1984, CONSISTS OF:

CHANGING BOX DIMENSIONS.

REVISION NO. 2, DATED JUNE 1985, CONSISTS OF:

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

REVISION NO. 3, DATED SEPTEMBER 1993, CONSISTS OF:

CHANGING A NATIONAL STOCK NUMBER IN THE "PALLET UNIT DATA CHART".

REVISION NO. 4, DATED NOVEMBER 2002, CONSISTS OF:

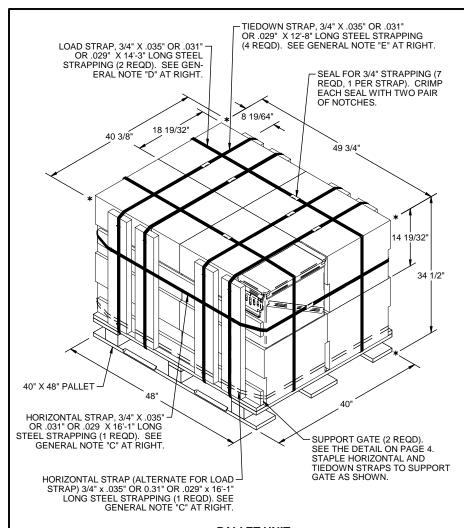
- 1. ADDING ITEM BY NATIONAL STOCK NUMBER TO "PALLET UNIT DATA CHART".

REVISION NO. 5, DATED JULY 2008, CONSISTS OF CHANGES PER ECP R06K3015 (NUMBER 1) INCLUDING:

- ADDING ITEMS BY NATIONAL STOCK NUMBER TO "PALLET UNIT DATA CHART".
 ADDING HORIZONTAL STRAP AND MAKING LOAD STRAPS ALTERNATIVE.
 ADDING .029" THICKNESS STRAPPING.

REVISION NO. 6, DATED MAY 2015, CONSISTS OF CHANGES PER ECP R11K2042-1 (NUMBERS 1 & 2) AND ECP R13K2012 (NUMBER 1) INCLUDING:

- 1. ADDING ITEMS BY NATIONAL STOCK NUMBER TO "PALLET UNIT DATA CHART". 2. UPDATING GENERAL NOTE "J" TO MIL-DTL-15011.



PALLET UNIT SEE GENERAL NOTE "B" AT RIGHT.

24 BOXES OF DUNNAGE PALLET	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-		57		
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TOTAL WEIGHT - - - - - - - - - 3, 185 LBS (APPROX) CUBE - - - - - - - - - - - 40. 0 CU FT (APPROX)

BILL OF MATERIAL									
LUMBER	LINEAR FEET	BOARD FEET							
1" X 4"	16. 00	5. 33							
2" X 6"	19. 00	19. 00							
NAI LS	NO. REQD	POUNDS							
6d (2")	48	0. 28							
PALLET, 40" X 48" - STEEL STRAPPING, 3/4 SEAL FOR 3/4" STRAPI STAPLE, 15/16" X 3/4	4" 95.25' REQD -	8.50 LBS 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 DIMEN-SIONS OF THE BOXES AND THE WEIGHT OF THE SPECIF-IC ITEM BEING UNITIZED.
- C. INSTALL THE HORIZONTAL STRAP(S) TO ENCIRCLE THE TOP LAYER OF BOXES IF ALSO USING LOAD STRAPS OR BOTH LAYERS OF BOXES IF NOT USING LOAD STRAPS. HORIZONTAL STRAPS ARE TO BE ALIGNED WITH THE HORIZONTAL PIECE OF THE "SUPPORT GATES" AS SHOWN. HORIZONTAL STRAPS MUST BE TENSIONED AND SEALED PRIOR TO THE APPLICATION OF THE TIEDOWN AND LOAD STRAPS (IF USED).
- D. 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 AFTER THE APPLICATION OF THE HORIZONTAL STRAP.
- E. INSTALL EACH TIEDOWN STRAP TO PASS UNDER THE TOP DECK BOARDS OF THE PALLET AND TO BE ALIGNED WITH THE VERTICAL PIECES OF THE "SUPPORT GATES" AS SHOWN. TIEDOWN STRAPS WILL NOT BE APPLIED UNTIL THE HORIZONTAL STRAPS AND LOAD STRAPS HAVE BEEN TENSIONED AND SEALED.
- F. THE FOLLOWING AMC DRAWINGS ARE APPLICABLE FOR OUTLOADING AND STORAGE OF THE ITEMS COVERED BY THIS APPENDIX.

CARLOADI NG - - - 19-48-4115-5PA1002
TRUCKLOADI NG - - 19-48-4117-11PA1003
STORAGE - - - 19-48-4118-1-2-3-4-1422PA1002
END OPENI NG I SO
CONTAI NER - - - 19-48-4153-15PA1002
MI LVAN - - - - 19-48-4166-15PA1003
SI DE OPENI NG I SO
CONTAI NER - - - 19-48-4267-15PA1009

- G. 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.
- H. THE UNITIZATION PROCEDURES DEPICTED HEREIN MAY ALSO BE USED FOR UNITIZING 7.62MM CARTRIDGES 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.
- J. THE STYLE 1 PALLET DELINEATED IN THE DETAIL AT LEFT NEED NOT HAVE CHAMFERS OR STRAP SLOTS AS SPECIFIED WITHIN MILITARY SPECIFICATION MIL-DTL-15011 WHEN USED FOR THE UNITIZATION OF ITEMS COVERED BY THIS APPENDIX.
- K. ALL DUNNAGE SHALL BE PRESERVATIVE TREATED IN ACCORDANCE WITH GENERAL NOTE "AA" IN THE BASIC BROCEDURES
- L. DIMENSIONS GIVEN FOR DUNNAGE PIECES WILL BE FIELD CHECKED PRIOR TO THEIR ASSEMBLY TO THE PALLET UNIT. CONTAINERS MUST FIT SNUGLY IN THE DUNNAGE ASSEMBLIES. ALSO, DUE TO THE VARIATION OF CONTAINER DIMENSIONS, ADJUSTMENTS MAY BE REQUIRED AS TO THE LOCATION OF CERTAIN PIECES OF DUNNAGE IN A DUNNAGE ASSEMBLY.
- M. FOR DETAILS OF THE M548 METAL BOX SEE ARDEC DRAWING 10535781, OR NAVAL SEA SYSTEMS COMMAND DRAWINGS 7308300 OR 7308302.

PAGE 3

