

APPENDIX 80N *

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

ROCKET, 2.75 INCH, WITH WARHEAD, PACKED 4
PER WOODEN BOX, UNITIZED 15 BOXES PER 40"
X 48" PALLET; APPROX BOX SIZE 66" L X
X 8-1/2" W X 9-1/2" H

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

* THIS DRAWING SUPERSEDES DRAWING 19-48-4116/80F-20PA1002, DATED SEPTEMBER 1985.

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DISTRIBUTION IS UNLIMITED.

U.S. ARMY MATERIEL COMMAND DRAWING			
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APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIEL COMMAND <i>[Signature]</i> U.S. ARMY DEFENSE AMMUNITION CENTER	FEBRUARY 1986		
	CLASS	DIVISION	DRAWING
REVISION NO. 4	FEBRUARY 1998	19	48
SEE THE REVISION LISTING ON PAGE 2		4116/ 80N	20PA 1002

DO NOT SCALE

PALLET UNIT DATA				
ITEMS INCLUDED		HAZARD CLASS AND DIVISION ●		APPROX WEIGHT LBS
NSN	DODIC	OD CLASS	COMP GROUP	
1340-				
01-108-8851	H163	1.1	E	2,215
01-223-9188	H163	1.1	E	2,215
01-223-9189	H164	1.1	E	2,215
01-110-2672	H164	1.1	E	2,215
01-269-9122	H582	1.1	E	2,215
01-269-9123	H583	1.1	E	2,215
01-238-2067	H972	1.3	G	2,215
01-238-2068	H973	1.3	G	2,215
01-269-1446	H975	1.3	G	2,215
01-448-8889	HA12	1.1	E	2,215
01-449-1240	HA13	1.3	G	2,215

● 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 DECEMBER 1986, CONSISTS OF:

1. ADDING ITEM BY NATIONAL STOCK NUMBER (NSN) TO THE "PALLET UNIT DATA" CHART.

REVISION NO. 2, DATED JULY 1992, CONSISTS OF:

1. ADDING ITEMS BY NATIONAL STOCK NUMBER (NSN) TO THE "PALLET UNIT DATA" CHART.

REVISION NO. 3, DATED MARCH 1996, CONSISTS OF:

1. DELETING HORIZONTAL STRAP FROM THE UNIT LOAD.
2. ADDING ITEM BY NATIONAL STOCK NUMBER (NSN) TO THE "PALLET UNIT DATA" CHART.
3. UPDATING GENERAL NOTES.

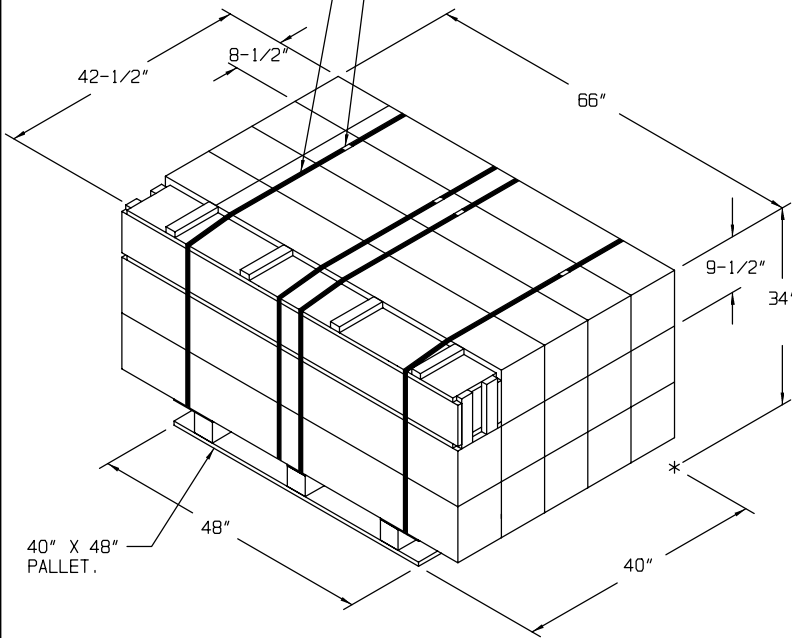
REVISION NO. 4, DATED FEBRUARY 1998, CONSISTS OF:

1. ADDING ITEMS BY NATIONAL STOCK NUMBER (NSN) TO "PALLET UNIT DATA" CHART.

GENERAL NOTES

TIEDOWN STRAP, 3/4" X .035" OR .031" X 12'-11" LONG STEEL STRAPPING (4 REQD). SEE GENERAL NOTE "C" AT RIGHT.

SEAL FOR 3/4" STRAPPING (4 REQD, 1 PER STRAP). CRIMP EACH SEAL WITH TWO PAIR OF NOTCHES.



- 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. INSTALL EACH TIEDOWN STRAP TO PASS UNDER THE DECK/STRINGER BOARDS OF THE PALLET AND TO BE LOCATED AS SHOWN.
- D. THE FOLLOWING AMC DRAWINGS ARE APPLICABLE FOR OUTLOADING AND STORAGE OF THE ITEMS COVERED BY THIS APPENDIX.
 - CARLOADING - - - - 19-48-4115-5PA1002
 - TRUCKLOADING - - - - 19-48-4117-11PA1003
 - STORAGE - - - - - 19-48-4125-1-2-3-4-14-22PA1003
 - END OPENING ISD
 - CONTAINER - - - - 19-48-4153-15PA1002
 - MILVAN - - - - - 19-48-4166-15PA1003
 - SIDE OPENING ISD
 - CONTAINER - - - - 19-48-4267-15PA1009
- E. IF ITEMS COVERED HEREIN ARE UNITIZED PRIOR TO ISSUANCE OF THIS APPENDIX, THE BOXES NEED NOT BE RELUNITIZED SOLELY TO CONFORM TO THIS APPENDIX.
- F. THE UNITIZATION PROCEDURES DEPICTED HEREIN MAY ALSO BE USED FOR UNITIZING 2.75 INCH ROCKETS 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.
- G. THE STYLE 1 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 ITEMS COVERED BY THIS APPENDIX.

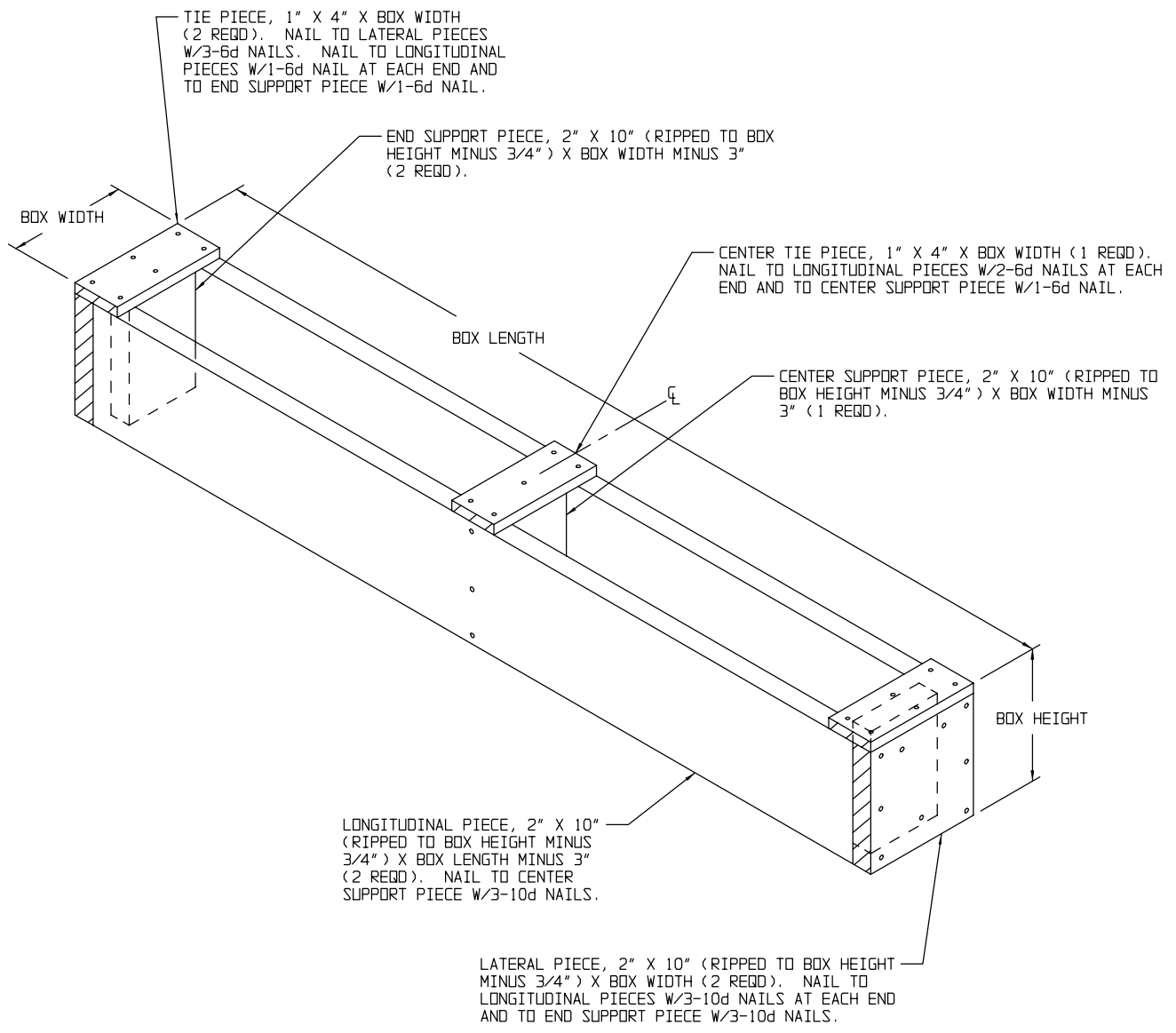
PALLET UNIT

SEE GENERAL NOTE "B" AT RIGHT.

15 BOXES OF 2.75 INCH ROCKETS AT 142 LBS	- - - - -	2,130 LBS (APPROX)
DUNNAGE	- - - - -	5 LBS
PALLET	- - - - -	80 LBS
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TOTAL WEIGHT	- - - - -	2,215 LBS (APPROX)
CUBE	- - - - -	55.2 CU FT (APPROX)

BILL OF MATERIAL

PALLET, 40" X 48"	- - - - -	1 REQD	- - - - -	80 LBS
STEEL STRAPPING, 3/4"	- -	51.67' REQD	- - -	4.62 LBS
SEAL FOR 3/4" STRAPPING	- - -	4 REQD	- - -	NIL



FILLER ASSEMBLY
(FOR MINUS ONE BOX)