


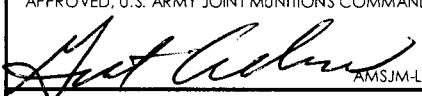

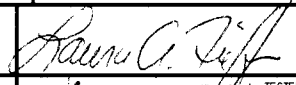
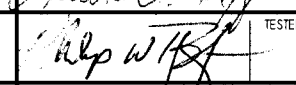
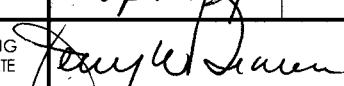
UNITIZATION PROCEDURES[●] FOR BULK EXPLOSIVES PACKED IN FIBERBOARD DRUMS, SECURED WITH STRETCH NET, UNITIZED 8 DRUMS PER 44-3/4" X 49-1/8" PALLET; APPROX DRUM SIZE 16-3/8" DIA X 27-5/8" HIGH

- THE PROCEDURES AS DELINEATED IN THIS DRAWING ARE FOR INTERPLANT/DEPOT SHIPMENT ONLY.

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U.S. ARMY MATERIEL COMMAND DRAWING

APPROVED, U.S. ARMY RESEARCH, DEVELOPMENT AND ENGINEERING COMMAND  AMSRD-AAR-AIL-TP (R) APPROVED, U.S. ARMY JOINT MUNITIONS COMMAND  AMSJM-LIT		CAUTION: VERIFY PRIOR TO USE AT WWW.DAC.ARMY.MIL THAT THIS IS THE MOST CURRENT VERSION OF THIS DOCUMENT. THIS IS PAGE 1 OF 4.		MARCH 2007				
		DO NOT SCALE						
APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIEL COMMAND  U.S. ARMY DEFENSE AMMUNITION CENTER		ENGINEER OR TECHNICIAN TRANSPORTATION ENGINEERING DIVISION 	BASIC REV. MICHAEL BARTOSIAK	TESTED 	CLASS	DIVISION	DRAWING	FILE
		ENGINEERING DIRECTORATE 			19	48	4177/3	20PA1007

PROJECT CA 193/3-83

PALLET UNIT DATA				
ITEMS INCLUDED		HAZARD CLASS AND DIVISION	COMPATIBILITY GROUP	APPROX WEIGHT LBS
NSN	DODIC			
1376-00-451-2881	----	1.3	C	1,052
01-049-1454	----	1.3	C	1,372
01-054-1577	----	1.3	C	1,292
01-055-3436	----	1.3	C	1,292
01-085-7243	----	1.3	C	1,292

- 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).

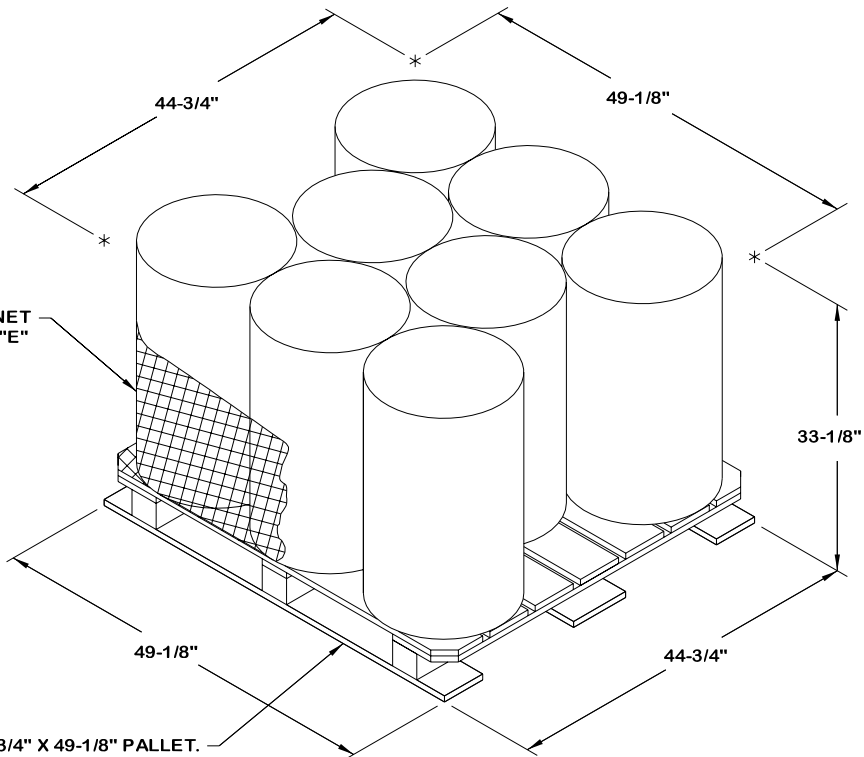
GENERAL NOTES

- A. THIS DOCUMENT HAS BEEN PREPARED AND ISSUED IN ACCORDANCE WITH AR740-1, AND AUGMENTS TM 743-200-1 (CHAPTER 5).
- B. DIMENSIONS, CUBE AND WEIGHT OF A PALLET UNIT WILL VARY SLIGHTLY DEPENDING UPON THE ACTUAL DIMENSIONS OF THE DRUMS AND THE DENSITY OF THE SPECIFIC ITEM BEING UNITIZED.
- C. WHEN ASSEMBLING A PALLET UNIT, CARE SHALL BE TAKEN TO ENSURE THAT THE DRUMS ARE EVENLY ALIGNED HORIZONTALLY AND VERTICALLY SO THAT THE SIDES AND ENDS OF THE PALLET DO NOT EXCEED A 1/2" TOLERANCE.
- D. UNIT LOAD MARKING WILL BE ACCOMPLISHED IN ACCORDANCE WITH DAC DRAWING ACV00561.
- E. THE STRETCH NET WILL BE APPLIED TO THE PALLET UNIT IN THE FOLLOWING MANNER:
 - 1. FOUR COMPLETE WRAPS AROUND THE BOTTOM OF THE PALLET UNIT.
 - 2. ONE COMPLETE WRAP SPIRALING TO THE TOP OF THE PALLET UNIT.
 - 3. FOUR COMPLETE WRAPS AROUND THE TOP OF THE PALLET UNIT.
 - 4. ONE COMPLETE WRAP SPIRALING BACK TO THE BOTTOM OF THE PALLET UNIT.
 - 5. THREE COMPLETE WRAPS AROUND THE BOTTOM OF THE PALLET UNIT WHERE THE END IS TIED.
- F. FOR THE PREFERRED METHOD OF INITIAL AND FINAL ATTACHMENT OF THE STRETCH NET TO THE PALLET UNIT, REFER TO THE STRETCH NET MANUFACTURER'S RECOMMENDATIONS. FOR PROPER/EVEN TENSIONING OF THE STRETCH NETTING BEING APPLIED WITH THE NUMBER OF WRAPS TO THE PALLET UNIT AS SPECIFIED IN GENERAL NOTE "E", THE STRETCH NET SHALL ONLY BE APPLIED USING A STRETCH NET MACHINE.
- G. IF LESS THAN EIGHT DRUMS ARE TO BE LOADED ON A PALLET, IT SHALL BE ACCOMPLISHED BY SUBSTITUTING EMPTY OR SERVICEABLE REJECT DRUMS AS NECESSARY. WHEN (EMPTY/REJECT) FILLER DRUMS ARE USED IN PLACE OF OMITTED DRUMS TO COMPLETELY FILL OUT A PALLET UNIT, THEY WILL BE MARKED AS SPECIFIED IN DAC DRAWING ACV00561.
- H. CONVERSION TO METRIC EQUIVALENTS: DIMENSIONS WITHIN THIS DOCUMENT ARE EXPRESSED IN INCHES AND WEIGHTS IN POUNDS. WHEN NECESSARY, THE METRIC EQUIVALENT MAY BE COMPUTED ON THE BASIS OF 1 INCH EQUALS 25.4MM AND 1 POUND EQUALS 0.454 KG.
- J. THE MAJORITY OF THE STRETCH NET HAS BEEN OMITTED FROM THE "PALLET UNIT" DETAIL ON PAGE 4 FOR CLARITY PURPOSES.

MATERIAL SPECIFICATIONS

- PALLET - - - -: FOR DETAILS OF THE SPECIAL WOOD PALLET SEE DAC DRAWING ACV00229.
- STRETCH NET - -: TENSIONET I, CONWEB CORP, (OR EQUAL).

INDICATES STRETCH NET
SEE GENERAL NOTES "E"
AND "F" ON PAGE 2.



SPECIAL 44-3/4" X 49-1/8" PALLET.
SEE DAC DRAWING ACV00229.

PALLET UNIT

SEE GENERAL NOTE "B" ON PAGE 3.

8 CONTAINERS OF EXPLOSIVES @ 161 LBS	-----	1,288 LBS (APPROX)
DUNNAGE	-----	1 LBS
PALLET	-----	83 LBS
<hr/>		
TOTAL WEIGHT	-----	1,372 LBS (APPROX)
CUBE	-----	42.2 CU FT (APPROX)

BILL OF MATERIAL

PALLET, 44-3/4" X 49-1/8"	- - 1 REQD	- - - - 83 LBS
STRETCH NET	- - - - - 250' REQD	- - - 0.60 LBS