

UNITIZATION PROCEDURES FOR M55 CHEMICAL FILLED 115MM ROCKETS, PACKED IN SINGLE ROUND CONTAINERS (SRC), UNITIZED 15 ROCKETS PER SPECIAL 4-WAY ENTRY METAL PALLET

U.S. ARMY MATERIEL COMMAND DRAWING			
<p>APPROVED, U.S. ARMY ARMAMENT, MUNITIONS AND CHEMICAL COMMAND</p> <p><i>with</i> <i>David T. Restout</i> <i>David Stechnick</i></p> <p>SMCAR-ESK AMSMC-TMD</p>	DRAFTSMAN	TECHNICIAN	ENGINEER
	D. WHITMORE		<i>L. Fisher</i>
<p>APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIEL COMMAND</p> <p><i>John L. Byrd</i></p> <p>U.S. ARMY DEFENSE AMMUNITION CENTER AND SCHOOL</p>	EVALUATION DIVISION	STORAGE & OUTLOADING DIVISION	LOGISTICS ENGINEERING OFFICE
	<i>W. H. T. M.</i>	<i>W. J. Smith</i>	<i>W. J. Smith</i>
AUGUST 1990			
	CLASS	DIVISION	DRAWING
	19	48	4577
			FILE
			CB 20PM1

DO NOT SCALE

GENERAL NOTES

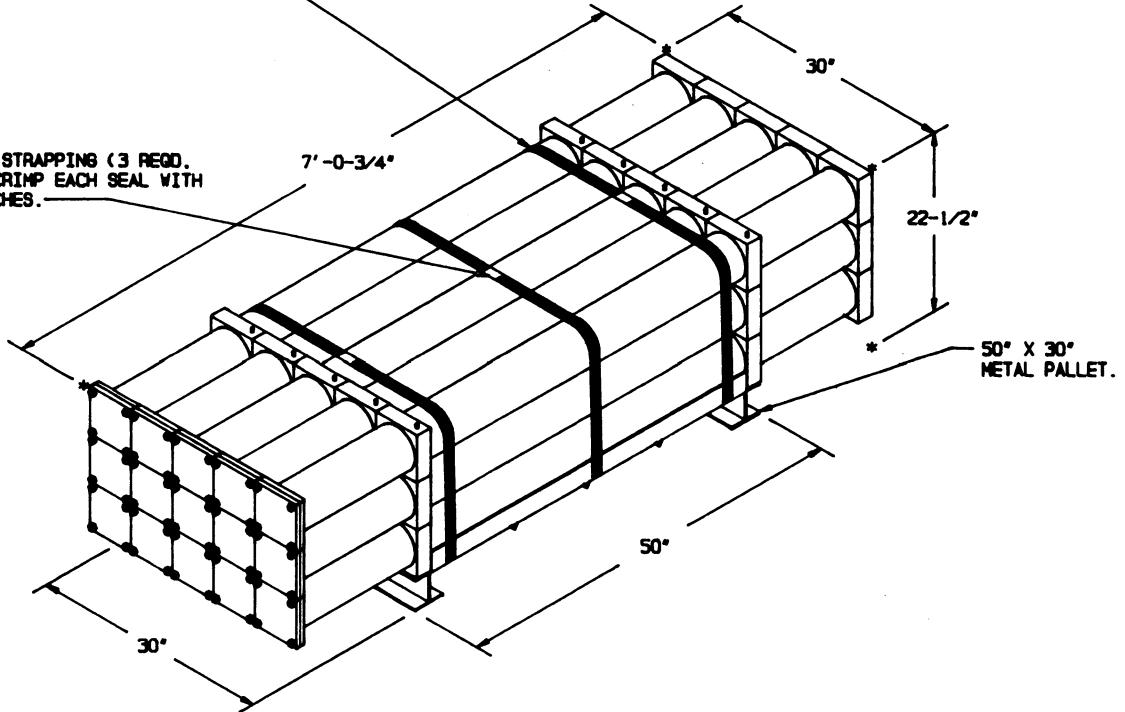
- A. THIS DOCUMENT HAS BEEN PREPARED AND ISSUED IN ACCORDANCE WITH AR 740-1, AND AUGMENTS TM 743-200-1 (CHAPTER 5) AND CONFORMS TO MIL-STD-1660.
- B. DIMENSIONS, CUBE AND WEIGHT OF A PALLET UNIT WILL VARY SLIGHTLY DEPENDING UPON THE ACTUAL DIMENSIONS OF THE CONTAINER AND THE WEIGHT OF THE SPECIFIC ITEM BEING UNITIZED.
- C. FOR OUTLOADING AND STORAGE OF ITEMS COVERED BY THIS DRAWING, CONTACT THE U.S. ARMY DEFENSE AMMUNITION CENTER AND SCHOOL, ATTN: SMCAC-DEO SAVANNA, IL 61074-9639 FOR SPECIFIC PROCEDURAL GUIDANCE.
- D. FOR DETAILS OF THE SINGLE ROUND CONTAINER (SRC), SEE U.S. ARMY ARMAMENT, MUNITIONS AND CHEMICAL COMMAND DRAWING NO. AC200000355.
- CONTAINER DIMENSIONS - - - - - 7'-0-3/4" L X 6" W X 6" H
CONTAINER CUBE - - - - - 1.77 CU FT (APPROX)
CONTAINER WEIGHT (W/ROCKET) - - 116 LBS (APPROX)
- E. IN ORDER TO OBTAIN COMPACT (SOUND) UNITS, ALL STRAPS SHALL BE LOCATED IN PROPER ALIGNMENT AND TENSIONED UNTIL THEY ARE TIGHT. AFTER TENSIONING, ALL STRAPS WILL BE SECURED USING ONE SEAL CRIMPED WITH TWO PAIR OF NOTCHES PER SEAL.
- F. WHEN APPLYING ANY STRAP, CARE MUST BE EXERCISED TO ASSURE THAT THE END OF THE STRAP ON THE UNDERSIDE OF THE JOINT EXTENDS AT LEAST 6" BEYOND THE SEAL. THIS EXTRA MINIMUM LENGTH OF STRAP IS REQUIRED TO PERMIT SUBSEQUENT TIGHTENING OF LOOSENED STRAPPING. RETENSIONING CAN BE ACCOMPLISHED WITHOUT REPLACING STRAPPING OR SPLICING STRAPPING THROUGH THE USE OF A FEEDWHEEL TYPE TENSIONING TOOL, MANUAL OR PNEUMATIC, AND THE APPLICATION OF ONE ADDITIONAL SEAL.
- G. INSTALL EACH TIEDOWN STRAP TO PASS UNDER THE PALLET DECK AND TO BE LOCATED AS SHOWN.
- H. EMPTY OR REJECT SINGLE ROUND CONTAINERS WILL BE USED AS FILLER CONTAINERS AS NECESSARY. FILLER CONTAINERS MUST BE INSTALLED IN THE MIDDLE OF THE TOP LAYER(S) OF CONTAINERS. IF FIVE CONTAINERS ARE TO BE OMITTED, ONE FULL LAYER OF CONTAINERS WILL BE OMITTED. WHEN (EMPTY) FILLER CONTAINERS ARE TO BE USED IN PLACE OF OMITTED CONTAINERS TO COMPLETELY FILL OUT A LAYER ON A PALLET, THEY WILL BE MARKED AS SPECIFIED IN MIL-STD-129.

MATERIAL SPECIFICATIONS

- STRAPPING, STEEL - - - : FED SPEC QQ-S-781; CLASS I, TYPE I OR IV, HEAVY DUTY, FINISH B (GRADE 2), SIZE 1-1/4" X .035" OR .031".
- SEAL, STRAP - - - - - : FED SPEC QQ-S-781; TYPE D, STYLE I, II, OR IV, CLASS H, FINISH B (GRADE 2).
- PALLET - - - - - : SPECIAL METAL 4-WAY ENTRY, SIZE 50" LONG BY 30" WIDE. SEE U.S. ARMY ARMAMENT, MUNITIONS AND CHEMICAL COMMAND DRAWING AC200000358.

TIEDOWN STRAP, 1-1/4" X .035" OR
.031" X 9'-0" LONG STEEL STRAPPING
(3 REQ).

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



PALLET UNIT

SEE GENERAL NOTE "B" ON PAGE 2.

PALLET UNIT DATA

15 M55 ROCKETS AT 116 LBS	-----	1,740 LBS (APPROX)
DUNNAGE	-----	4 LBS
PALLET	-----	106 LBS
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TOTAL WEIGHT	-----	1,850 LBS (APPROX)
CUBE	-----	33.1 CU FT (APPROX)

BILL OF MATERIAL

PALLET, 50" X 30"	-----	1 REQD	-----	106 LBS
STEEL STRAPPING, 1-1/4"	-----	27.00' REQD	-----	3.86 LBS
SEAL FOR 1-1/4" STRAPPING	-----	3 REQD	-----	NIL

