

LOADING AND BRACING^OON FLAT BED TRAILER OF TMU-28/B SPRAY TANK IN CNU-77/E23 CONTAINER

CAUTION: THE PROCEDURES SHOWN HEREIN ARE ONLY APPLICABLE FOR HIGHWAY MOVEMENTS: NOT FOR CONTAINER/TRAILER-ON-FLAT-CAR MOVEMENTS.

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		JUNE 1976			
	CLASS	DIVISION	DRAWING	FILE	
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DO NOT SCALE

GENERAL NOTES

- A. THIS DOCUMENT HAS BEEN PREPARED AND ISSUED IN ACCORDANCE WITH AR 740-1, AND AUGMENTS IM 743-200-1 (CHAPTER 5).
- B. THE LOAD AS SHOWN HEREIN IS BASED ON FLAT BED TRAILERS 40'-0" LONG BY 8'-0" WIDE HAVING WOOD OR WOOD AND METAL FLOORS, TRAILERS HAVING ALL METAL FLOORS WILL NOT BE USED, LONGER TRAILERS CAN BE USED.
- C. THE CHITCOADING PROCEDURES SPECIFIED HEREIN ARE APPLICABLE TO THE TMU-28/8

 SIRAY TANK WHEN PACKED IN THE CNU-77/23 CONTAINER, SUBSEQUENT

 REFERENCE TO CONTAINER HEREIN MEANS THE CNU-77/23 CONTAINER WITH

 CONTENTS. THESE PROCEDURES CAN ALSO BE UTILIZED FOR SHIPMENT OF THE

 DEPICTED CONTAINERS WHEN THEY ARE EMPTY OR LOADED WITH AN ITEM WHICH IS

 IDENTIFIED DIFFERENTLY BY NOMENCLATURE THAN THE ITEM DESIGNATED WITHIN

 THE ITTLE OF THIS DOCUMENT.
- D. FOR DETAIL OF THE CNU-77/E23 CONTAINER, SEE DRAWING NO. 65E9008.

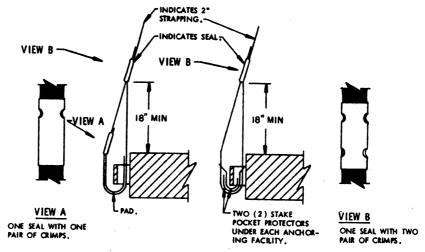
CONTAINER DIMENSIONS -- 193" LONG X 62" WIDE X 73" HIGH.
CRESS WEIGHT --------- 6,100 POUNDS (APPROX.)

4,000 POUNDS (APPROX.)

- E. CAUTION: NON-COMPATIBLE ITEMS MUST NOT BE OUTLOADED ON THE SAME TRAILER.
- F. SELECTION OF A VEHICLE USED TO TRANSPORT THE DESIGNATED ITEMS MUST COMPLY WITH AR 55-355, CHAPTER 213, FOR EXPLOSIVES AND OTHER DANGEROUS ARTICLES, IN FUIL.
- G. CROSS WEIGHT AND AXLE DISTRIBUTION OF WEIGHT FOR A LOAD WILL BE THE RESPONSIBILITY OF THE CARRIER. THE CARRIER WILL ADVISE THE SHIPPER OF THE APPLICABLE LOADING REQUIREMENTS, AND THE SHIPPER WILL LOAD ACCORDINGLY.
- H. NOTICE: A SHIPMENT WILL BE POSITIONED ON A TRAILER CONSISTENT WITH STATE WEIGHT LAWS. THE NUMBER OF UNITS MAY BE ADJUSTED TO FIT THE QUANTITY TO BE SHIPPED; HOWEVER, THE APPROVED METHODS CONTAINED HEREIN MUST BE FOLLOWED AS CLOSELY AS POSSIBLE FOR BLOCKING, BRACING, AND STAYING OF THE DESIGNATED ITEMS.
- J. LADING WILL NOT BE SECURED BY CHAINS AND/OR LOAD BINDERS IN LIEU OF SPECIFIED DUNNAGE.
- K. WHEN ANY STRAP IS SEALED AT AN END-OVER-END LAP JOINT, A MINIMUM OF TWO (2) SEALS, BUTTED TOGETHER, WITH TWO (2) PAIR OF CRIMPS PER SEAL MUST RE USED TO SEAL THE JOINT. CAUTION: EXERCISE CARE DURING TENSIONING TO MEYENT DAMAGE TO THE CONTAINERS.
- L. DUTITIAGE LUMBER SPECIFIED THROUGHOUT THIS PROCEDURAL DRAWING IS OF MOMINAL SIZE. FOR EXAMPLE, 2" X 6" MATERIAL IS ACTUALLY 1-1/2" THICK BY 5-1/2" WIDE OR 1-5/8" THICK BY 5-5/8" WIDE.
- M. MOTICE: A STAC GERED NAILING PATTERN WILL BE USED WHEN DUNNAGE IS NATHO TO THE TEAMSPORTING VEHICLE, OR WHEN LAMINATING DITHERAGE. THE NAILING PATTERN WILL BE ADJUSTED SO THAT A NAIL DOES NOT PENETRATE INTO OP MEAR A CRACK BETWEEN FLOOR BOARDS. ADDITIONALLY, THE TRAILING PATTERN FOR AN OPPER PIECE OF LAMINATED DUNNAGE WILL BE ADJUSTED AS REQUIRED SO THAT A NAIL FOR THAT PIECE WILL NOT BE DRIVEN THROUGH ONTO OR RIGHT BESIDE A NAIL IN A LOWER PIECE.
- N. CHURETONS OF LADRIG HEMS MAY BE LOADED ON A TRAILER WHICH IS PARTIALLY TOADED WITH THE DESIGNATED HEM, PROVIDING THE TOTAL LOAD IS COMPATIBLE, EXISTING DIRECTIONS ARE NOT VIOLATED, AND THE OTHER LADING TEMS ARE BLUETED AND BRACING CRITERIA SPECIFIED.

MATERIAL SPECIFICATIONS

LUMBER:	SEE TM 743-200-1, DUNNAGE LUMBER; FED SPEC MM-L-751.
MAILS	COMMON, CEMENT COATED OR CHEMICALLY ETCHED, FED SPEC FF-N-105. ALT: ANNULAR-RING TYPE NAIL OF THE SAME SIZE.
STRAPPING, STEEL	CLASS I, TYPE I, HEAVY DUTY, FINISH A, B (GRADE 2), OR C, FED SPEC QQ-S-781.
SEAL, STRAP:	TYPE D, STYLE I, II, OR IV, CLASS H, FED SPEC QQ-S-781.
ANTI-CHAFING MATERIAL :	NEUTRAL BARRIER MATERIAL MIL-8-121 (OR EQUAL.).
STAKE POCHET PROTECTOR::	COMMERCIAL GRADE.

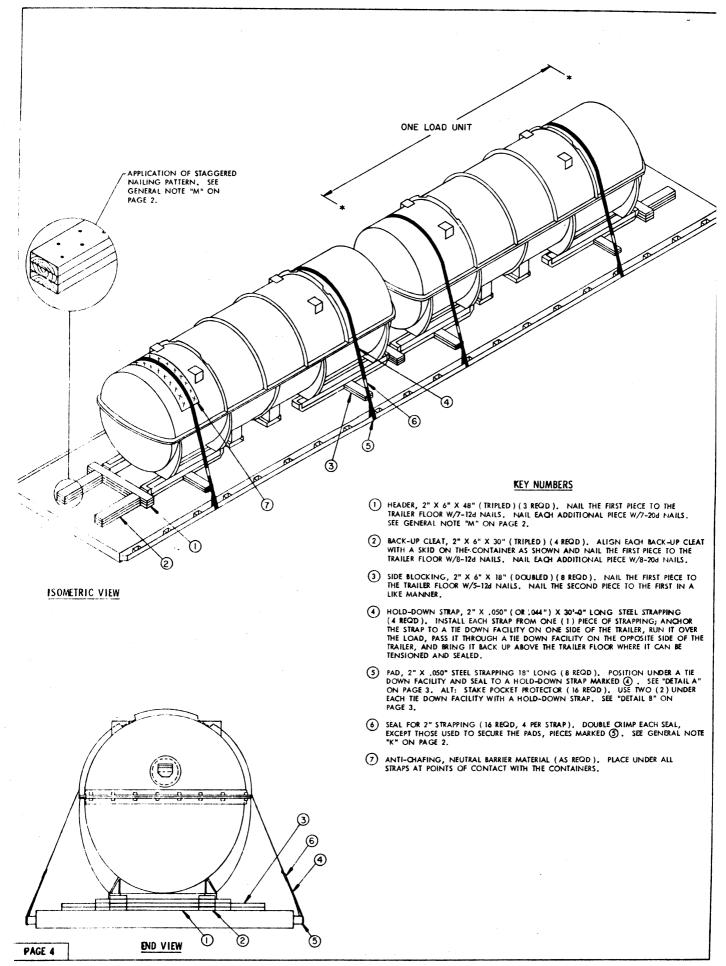


DETAIL A

METHOD OF INSTALLING 2" STRAPPING AND PAD AT ANCHORING FACILITY.

DETAIL B

METHOD OF INSTALLING 2"
STRAPPING AND STAKE POCKET
PROTECTORS (ALT PAD).



SPECIAL NOTES:

- SIMILAR PROCEDURES MAY BE USED FOR THE SHIPMENT OF A ONE-UNIT LOAD, A SINGLE LOAD UNIT WILL BE SECURED WITH A HEADER AND TWO BACK-UP CLEATS AT EACH END. THE SIDE BLOCKING AND HOLD-DOWN STRAPS WILL BE INSTALLED AS SHOWN FOR ONE LOAD UNIT.
- 2. A SHORTER TRAILER MAY BE USED TO TRANSPORT A ONE-UNIT LOAD. HOWEVER, THE TRAILER MUST BE PROPERLY EQUIPPED TO PERMIT INSTALLATION OF THE TIE-DOWN STRAPPING AND WOODEN DUNNAGE AS SHOWN. THE TRAILER MUST HAVE A NAILABLE WOODEN SURFACE AT LEAST 22'-1" LONG BY 6'-3" WIDE.

LUMBER	LINEAR FEET	BOARD FEET	
2" X 6"	90	90	
NAILS	NO. REQD	POUNDS	
12d (3-1/4") 20d (4")	133 106	2-1/4	

LOAD AS SHOWN

ITEM	QUANTITY	WE	GHT	(APPROX)
	NTENTS 2			
TC	TAL WEIGHT	2,435	LBS	

BAGE 6 PROJECT CB 21-76