

APPROVED BY
MTMC

Frank L. Paul

TEA, MTMC

DATE *17 Apr 78*

AADCP

MINIMUM REQUIREMENTS FOR THE
HANDLING, STOWAGE, AND BRACING
ABOARD SHIPS OF AN/TSQ-73
SYSTEM SHELTER, MOUNTED ON
A 5 TON CARGO TRUCK, M814

REVISIONS				DRAFTSMAN	PROJ ENG	DRSMI-SP
				<i>Max</i>	<i>RHA New</i>	<i>as of 17 Apr 78</i>
				CHECKER	LOG ENGRG OFFICE	
				<i>RSH</i>	<i>John Boyd</i>	<i>Gons</i>
				APPROVED, U. S. ARMY MISSILE MATERIEL READINESS COMMAND		
				<i>William J. Hogan</i>		
				APPROVED BY ORDER OF COMMANDING GENERAL, U. S. ARMY MATERIEL DEVELOPMENT AND READINESS COMMAND (DARCOM)		
				<i>W. Ehringer</i>		
				DARCOM AMMO CENTER		
				U. S. ARMY DARCOM DRAWING		
				MAY 1978		
CLASS	DIVISION	DRAWING	FILE			
19	48	7272	GSE 18AD2			

DO NOT SCALE

NOTES

GENERAL:

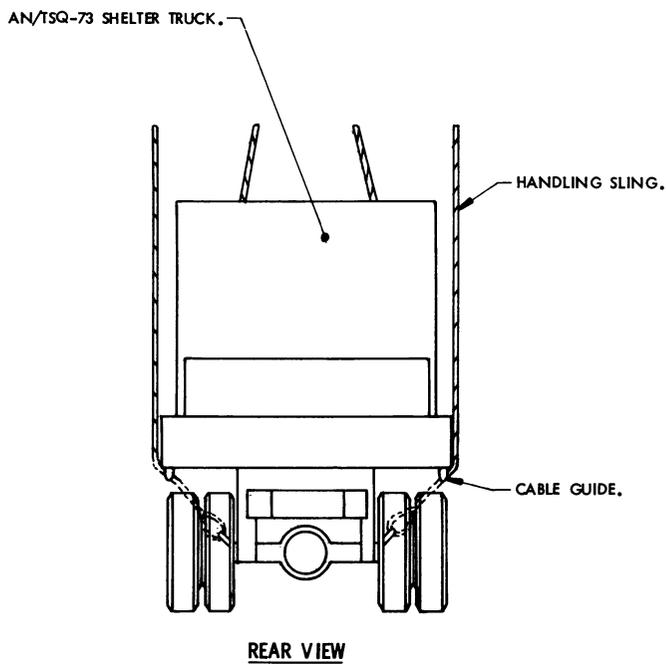
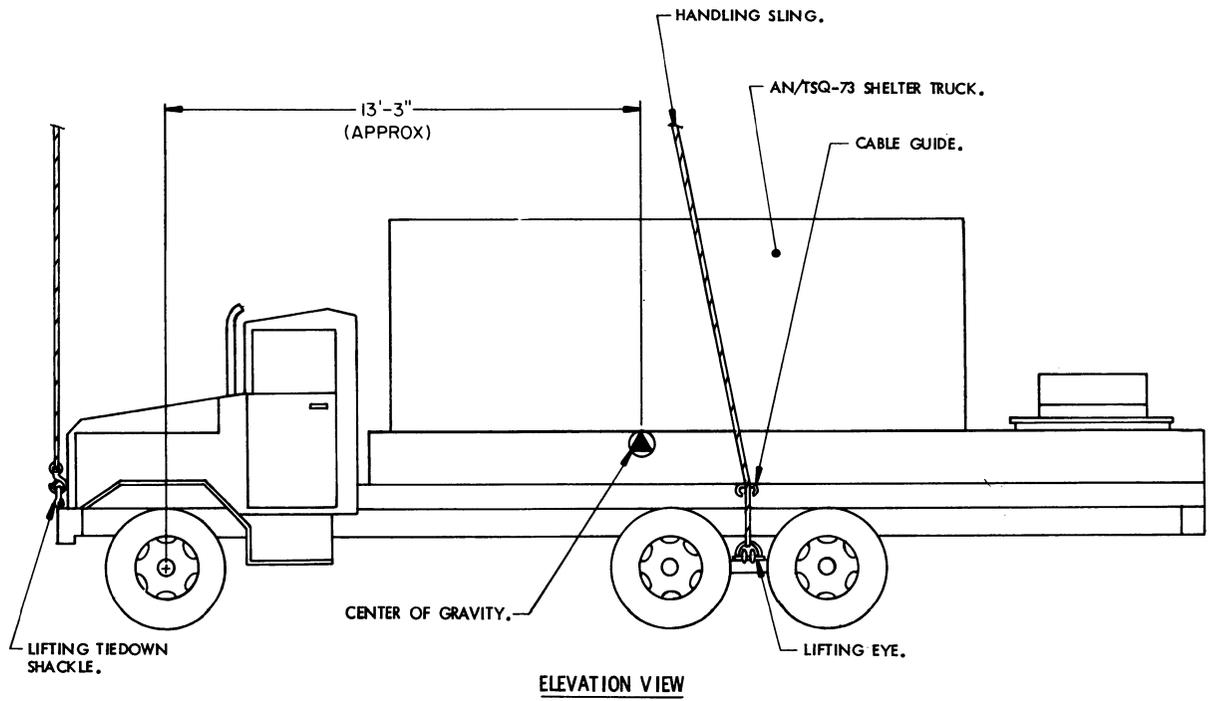
- A. THIS DOCUMENT HAS BEEN PREPARED AND ISSUED IN ACCORDANCE WITH AR 740-1.
- B. THIS DRAWING DEPICTS MINIMUM PROCEDURES APPLICABLE TO THE HANDLING, STOWAGE AND BRACING ABOARD SHIPS OF AN/TSG-73 SHELTER TRUCK FOR THE AADCP SYSTEM.
- C. THE SHELTER TRUCK SHOWN HEREIN MAY BE STOWED IN THE SAME HOLD OR TWEEN DECK WITH OTHER TYPES OF CARGO. HOWEVER, IF THIS ITEM IS TO BE STOWED IN PROXIMITY TO MILITARY EXPLOSIVES, PERTINENT REQUIREMENTS OF TITLE 46 CODE OF FEDERAL REGULATIONS, 146.29, MUST BE APPLIED.
- D. LADING DATA:
 - DIMENSIONS ----- 32'-2" LONG X 8'-2" WIDE X 11'-8-1/2" HIGH.
 - GROSS WEIGHT ---- 32,400 LBS (APPROX).
 - CUBE----- 3,076 CU. FT.

HANDLING:

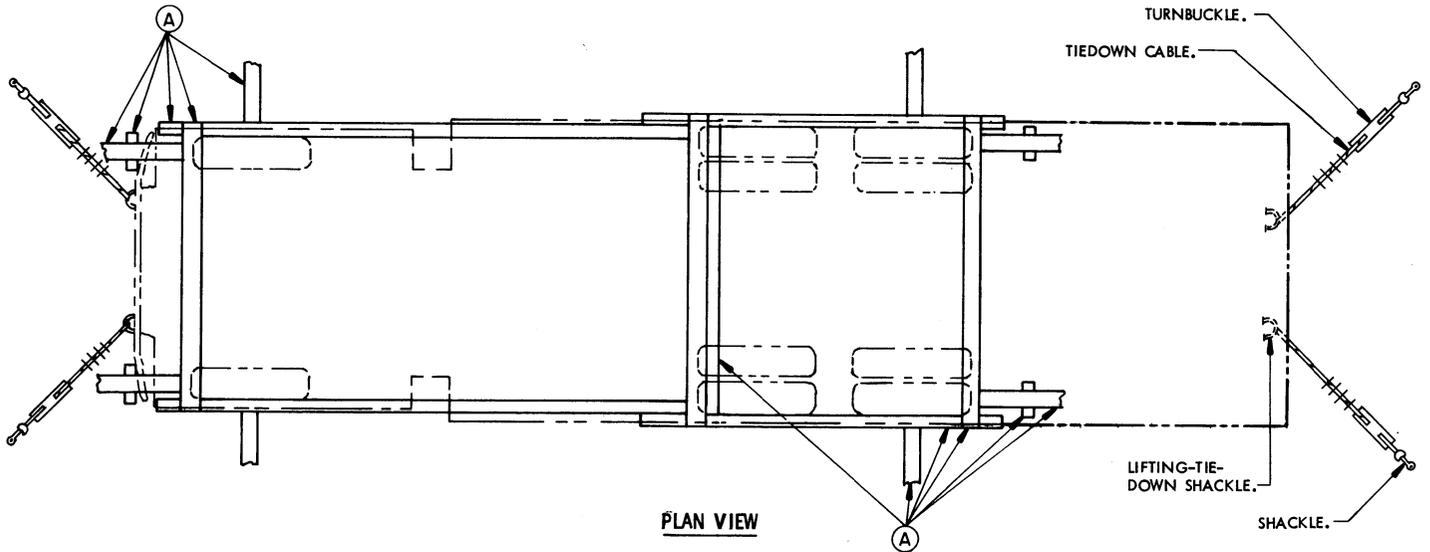
- A. PERTINENT PROVISIONS OF TITLE 46/49 CODE OF FEDERAL REGULATIONS APPLY.
- B. HANDLING OF THE SHELTER TRUCK SHOULD BE ACCOMPLISHED BY USING THE LIFT POINTS DESIGNATED HEREIN.
- C. THE HANDLING SLING SHALL BE OF A DESIGN AND CONFIGURATION TO LIFT THIS ITEM IN SUCH A MANNER THAT THE CABLE LEGS DO NOT APPLY EXCESSIVE PRESSURE AGAINST THE FRAMING, SUPERSTRUCTURE OR OTHER MEMBERS OF THE ITEM, WHICH MAY DAMAGE THE ITEM.
- D. EACH LEG OF THE HANDLING SLING MUST BE SECURELY ATTACHED TO A LIFT POINT PRIOR TO LIFTING.
- E. ALTHOUGH DESIRABLE, A LEVEL LIFT IS NOT MANDATORY. THE APPROXIMATE CENTER OF GRAVITY OF THIS ITEM IS SHOWN TO ASSIST IN DETERMINING CABLE LENGTHS TO ASSURE A SAFE LIFT.

STOWAGE AND BRACING:

- A. WHEN STOWING THE SHELTER TRUCK WITHIN THE HOLD OR TWEEN DECK, BRACING BETWEEN VEHICLES OR BETWEEN A VEHICLE AND OTHER CARGO SHALL ONLY BE APPLIED AGAINST THE WHEELS OF THE VEHICLE. ALSO, OTHER CARGO ITEMS MUST NOT BE STACKED ON TOP OF OR AGAINST ANY OTHER PART OF THE SHELTER TRUCK THAN AS IDENTIFIED IMMEDIATELY ABOVE.
- B. SPECIES, GRADE AND SIZE OF LUMBER TO BE USED WILL COMPLY WITH REQUIREMENTS OF CURRENT SHIPWRIGHT-CARPENTRY AND RELATED SERVICES CONTRACTS. BRACING METHODS AND LUMBER SIZES DEPICTED IN THIS DRAWING ARE CONSIDERED MINIMUM AND ARE NOT INTENDED TO CONFLICT WITH CONTRACT REQUIREMENTS.
- C. THE SHELTER TRUCK IS EQUIPPED WITH TIEDOWN DEVICES AS SHOWN HEREIN AND ARE SYMMETRICAL ABOUT THE LONGITUDINAL LINE OF CENTER. THE ITEM SHOULD BE SECURED FORE AND AFT TO SHIP TIEDOWN POINTS USING A MINIMUM OF TWO SYMMETRICALLY LOCATED TIEDOWN DEVICES IN EACH DIRECTION AS TYPICALLY SHOWN WITHIN THIS DOCUMENT.
- D. A TYPICAL TIEDOWN PROCEDURE IS SHOWN AND DEPICTS THE PREFERRED METHOD OF USING CABLES AND TURNBUCKLES. IF USED, A TURNBUCKLE MUST BE OF A SIZE EQUAL IN STRENGTH TO THE MINIMUM SIZE CABLE REQUIRED TO SECURE THE ITEM. IN LIEU OF CABLES AND TURNBUCKLES, SECUREMENT MAY BE ACCOMPLISHED BY OTHER ACCEPTED METHODS.

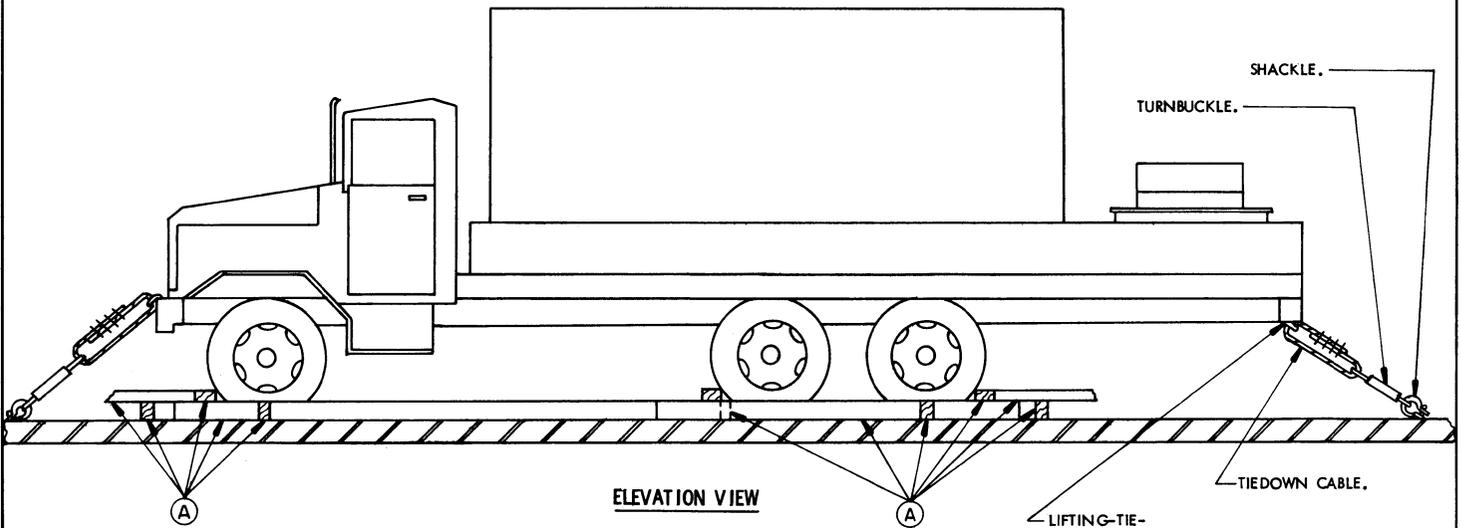


PRECAUTIONARY PROVISIONS FOR HANDLING,
STOWAGE AND BRACING AS SPECIFIED IN THE
NOTES ON PAGE 2 MUST BE OBSERVED.

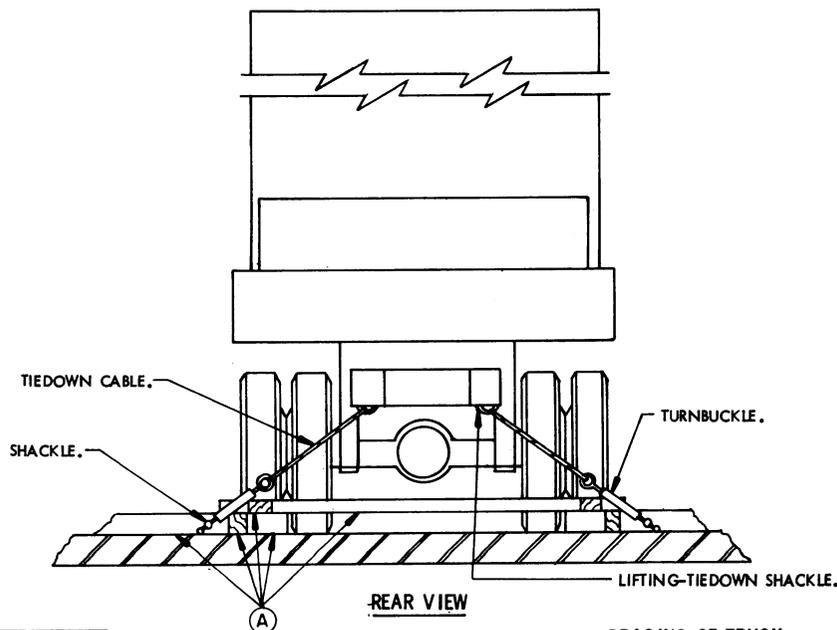


PLAN VIEW

PHANTOM LINES INDICATE TRUCK AND WHEELS.



ELEVATION VIEW



REAR VIEW

MINIMUM LUMBER SIZES	
(A)	4" X 6"

PRECAUTIONARY PROVISIONS FOR HANDLING, STORAGE AND BRACING AS SPECIFIED IN THE NOTES ON PAGE 2 MUST BE OBSERVED.