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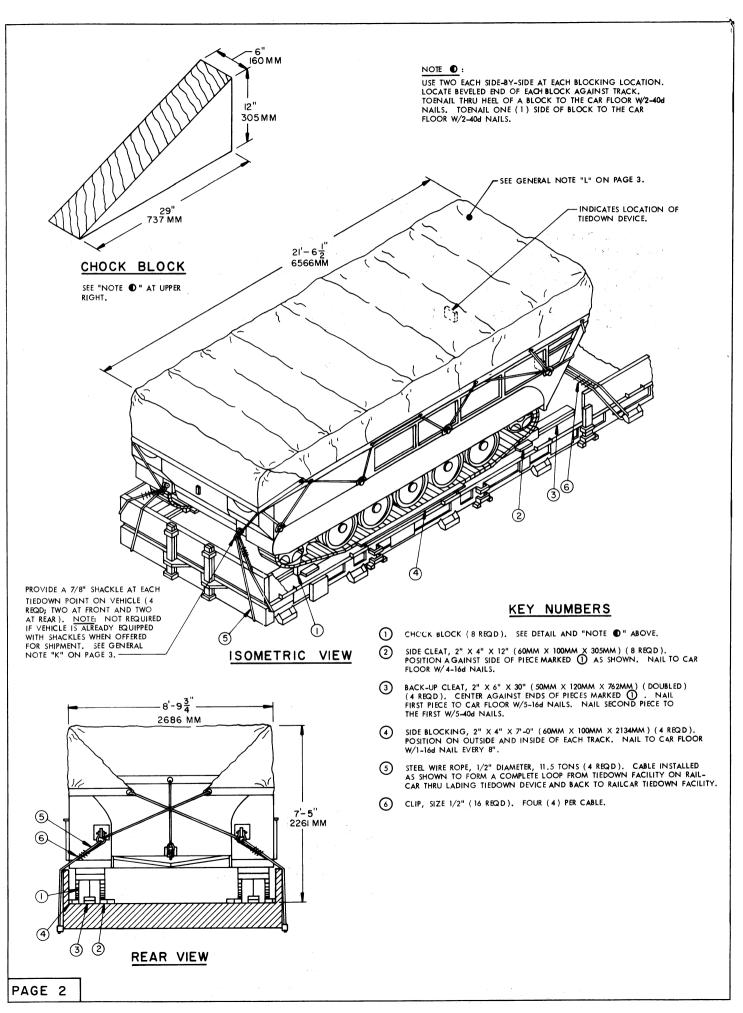
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LOADING & BRACING ON GERMAN RAILCAR OF LOADER-TRANSPORTER, GUIDED MISSILE, XM688EI

DRAFT	SMAN	Phos Die/		AMCPM-LCSM	-	SUBMITTED			
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	LIST OF RAILCARS THAT MAY BE USED FOR SHIPMENTS						
	RAILCARS	NO. OF ITEMS	TOTAL WEIGHT OF ITEMS				
*	RMS 31	1	15,479 LBS (7021 KG)				
*	RMMS 33	1	15,479 LBS (7021 KG)				
*	RLMMS 56	1	15,479 LBS (7021 KG)				
*	SM 24	1	15,479 LBS (7021 KG)				
*	SSLMAS 53	2 .	30,958 LBS (14042 KG)				
	SSY 45	1	15,479 LBS (7021 KG)				
	SSYM46	1	15,479 LBS (7021 KG)				
	XLM57	1	15,479 LBS (7021 KG)				

INDICATES THE PREFERRED CARS TO BE USED FOR SHIPMENT OF THE SPECIFIED ITEM. OTHER LISTED CARS CAN BE USED IF PRE-FERRED CARS ARE NOT AVAILABLE.

LUMBER	LINEAR FEET	BOARD FEET
2" X 4"	36	24
2" X 6"	20	20
6" X 12"	10	60
NAILS	NO. REQD	POUNDS
16d (3-1/2")	72	1-3/4
40d (5")	52	3-1/4

GENERAL NOTES

- THIS DOCUMENT HAS BEEN PREPARED AND ISSUED IN ACCORDANCE WITH AMCR 740-13.
- THE OUTLOADING PROCEDURES SHOWN HEREIN ARE APPLICABLE TO GERMAN RAIL-CARS AND OTHER FOREIGN RAIL CARS OF SIMILAR DESIGN AND CONSTRUCTION.
- C. THE LOAD AS SHOWN IS BASED ON A GERMAN RAILCAR (RLMMS) 40'-11" (12471MM) LONG BY 9'-1-1/2" (2781MM) WIDE WITH 18" (457MM) HIGH CAR SIDES. ADDITIONAL UNITS OR OTHER ITEMS MAY BE LOADED ON THE CAR, WITH THE VIEW TOWARD FULL UTILIZATION OF CARRIER EQUIPMENT.
- D. LADING DATA-

DIMENSIONS ------ 21'-6-1/2" (6566MM) LONG X 8'-9-3/4" (2686MM) WIDE X 7'-5" (2261MM) HIGH. **GROSS WEIGHT**

(W/O FUEL) ------ 15,479 POUNDS (APPROX) (7021 KG).

- E. REMOVE ALL POSTS FROM THE SIDES OF THE CAR AND PLACE IN RACKS UNDER THE
- F. NOTICE: A STAGGERED NAILING PATTERN WILL BE USED WHEN DUNNAGE IS NAILED TO THE FLOOR OF THE TRANSPORTING VEHICLE, OR WHEN LAMINATING DUNNAGE. ADDITIONALLY, THE NAILING PATTERN FOR AN UPPER 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
- G. ALL HAND BRAKES ON VEHICLE MUST BE "SET" WITH HAND LEVERS WIRE TIED OR BLOCKED, AND GEAR SHIFT LEVERS OF MOTOR VEHICLES EQUIPPED WITH CONVENTIONAL OR AUTOMATIC TRANSMISSIONS MUST BE PLACED AND WIRE TIED IN NEUTRAL POSITION.
- H. CAUTION: DURING WIRE ROPE INSTALLATION AVOID CONTACT WITH ALL ELECTRICAL WIRING, VEHICLE CONTROLS AND OTHER APPURTENANCES.
- J. WIRE ROPE CABLE MUST BE TENSIONED SUFFICIENTLY TO CAUSE SLIGHT VEHICLE BODY DEPRESSION. TENSIONING CAN BE ACCOMPLISHED BY EMPLOYING TWO

 (2) CABLE "GRIPPERS" AND AN APPLICABLY SIZED "COME-A-LONG" TYPE MECHAN-ICAL HOIST
- K. MORE DISTANCE MAY BE REQUIRED BETWEEN THE DRILLED PADS AT THE OPEN END OF A SHACKLE SO. THAT IT WILL FIT PROPERLY OVER THE THICKNESS OF THE TOWING/TIEDOWN BRACKET ON THE VEHICLE. TO PROVIDE THE NEEDED CLEARANCE, EQUAL AMOUNTS OF MATERIAL MAY BE REMOVED FROM THE SHACKLE PADS BY CHARLESTED THE SHACKLE PADS BY GRINDING OR MACHINING.
- L. CAUTION: PRIOR TO SHIPPING THE DESIGNATED ITEM, THE TACTICAL COVER WILL BE STORED ON THE VEHICLE. THE VEHICLE TRANSIT COVER (PART NUMBER 10162360) WILL BE INSTALLED, AS SHOWN IN THE LOAD VIEWS, TO PROVIDE WEATHER PROTECTION: THE TACTICAL COVER WILL NOT BE USED FOR THIS PURPOSE. IF A SLING IS USED FOR HANDLING THE LOADER-TRANSPORTER, AND THE TRANSIT COVER IS INSTALLED, THE ENDS OF THE COVER WILL BE TURNED BACK TO EXPOSE THE LIFTING LOOPS FOR ATTACHMENT OF THE SLING. THE COVER WILL BE RESPCIJEDED AS SHOWN PRIOR TO MOVEMENT OF THE LOAD WILL BE RESECURED AS SHOWN PRIOR TO MOVEMENT OF THE LOAD.

REVISIONS

REVISION NO. 1, DATED JUNE 1972, CONSISTS OF:

- SHOWING THE ITEM WITH A TRANSIT COVER INSTALLED. UPDATING GENERAL NOTES.
- ADDING FEDERAL SPECIFICATION FOR CLIPS.

MATERIAL SPECIFICATIONS

LUMBER: DOUGLAS FIR OR COMPARABLE LUMBER WITH STRAIGHT GRAIN AND FREE OF MATERIAL DEFECTS, REF: FED SPEC MM-L-751.

NAILS-: COMMON, CEMENT COATED OR CHEMICALLY ETCHED.
REF: FED SPEC FF-N-105.
ALT: ANNULAR-RING TYPE NAIL OF SAME SIZE.

ROPE -: STEEL, WIRE, PLAIN, PREFORMED, REGULAR LAY, 11.5 TONS, 6 X 19, FLEXIBLE IWRC, MACWHYTE WIRE ROPE CO (OR EQUAL). REF: FED SPEC RR-W-410.

CLIPS -: "U" BOLT, CROSBY, HEAVY DUTY (OR EQUAL). REF: FED SPEC FF-C-450, TYPE I, CLASS 1.

LOAD AS SHOWN

ITEM QUANTITY WEIGHT (APPROX) LOADER-TRANSPORTER, XM688E1 (W/O FUEL) ------ 1 ---DUNNAGE -300 LBS TOTAL WEIGHT ----- 15,779 LBS (7157 KG)

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