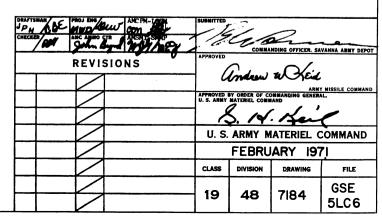
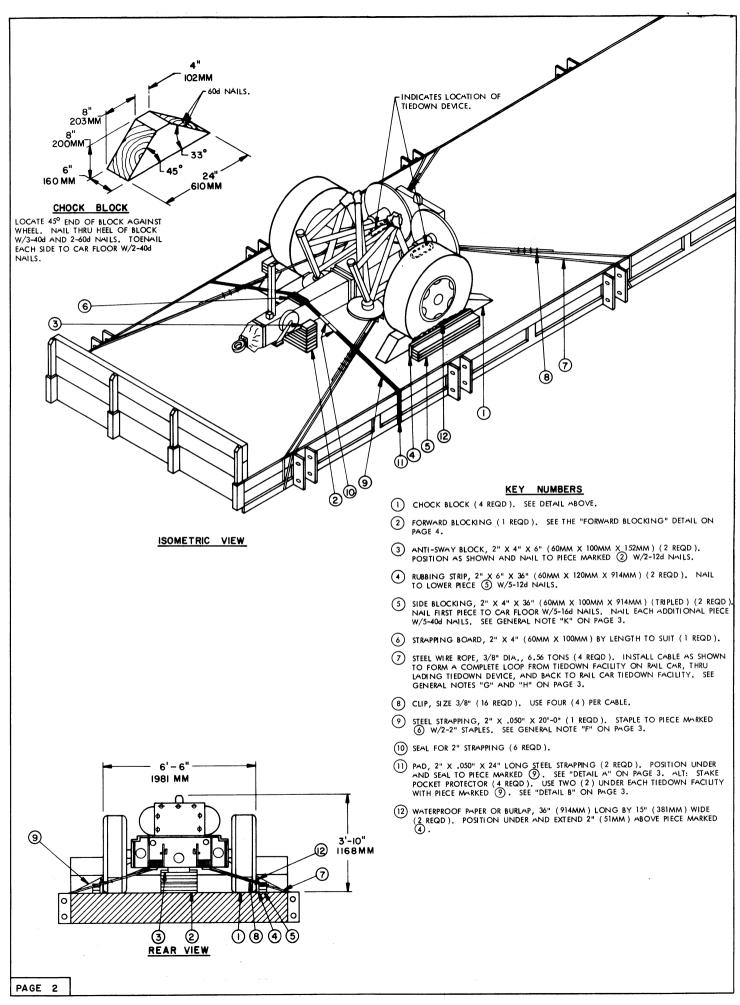
MOVEMENTS CONTROL AGENCY,
U. S. ARMY TRANSPORTATION
COMMAND, EUROPE
SIGNED TC CMDG.

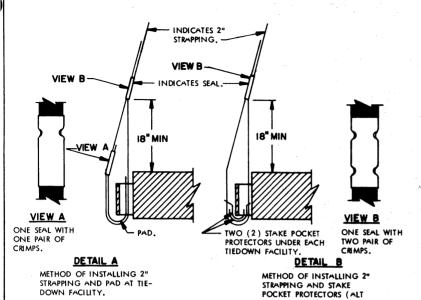
LANCE

LOADING AND BRACING ON GERMAN RAILCAR OF MOBILITY KIT, GUIDED MISSILE LAUNCHER, XM234



DO NOT SCALE





BILL OF MATERIAL						
LUMBER	LINEAR FEET	BOARD FEET				
1" X 6"	2	1				
2" X 4"	20	14				
2" X 6"	15	15				
6" X 8"	6	24				
NAILS	NO. REQD	POUNDS				
12d (3-1/4")	14	1/4				
16d (3-1/2")	14	1/2				
40d (5")	72	4-1/4				
60d (6")	8 1					
CLIPS, 3/8"STEEL STRAPPING, 2" SEALS, FOR 2" STRAP STAPLES, FOR 2" STRAP		2 REQD NIL				

M	ATERIAL SPECIFICATIONS
<u>LUMBER</u> :	DOUGLAS FIR OR COMPARABLE LUMBER WITH STRAIGHT GRAIN AND FREE OF MATERIAL DEFECTS. REF: FED SPEC MM-L-751.
<u>NAILS</u> ::	COMMON, CEMENT COATED OR CHEMICALLY ETCHED. REF: FED SPEC FF-N-105. ALT: ANNULAR-RING TYPE NAIL OF SAME SIZE.
<u>ROPE</u> :	STEEL, WIRE, PLAIN, PREFORMED, REGULAR LAY, 6.56 TONS, 6 X 19, FLEXIBLE IWRC. MACWHYTE WIRE ROPE CO (OR EQUAL). REF: FED SPEC RR-W-410.
<u>CLIPS</u> :	"U" BOLT, CROSBY, HEAVY DUTY (OR EQUAL).
STRAPPING, STEEL -:	TYPE I OR IV, CLASS "A" OR "C", REF: FED SPEC QQ-S-781. FOR FSN SEE S8-38-100.
STRAP SEAL; STRAP	

POCKET PROTECTOR: COMMERCIAL GRADE.

GENERAL NOTES

- A. THIS DOCUMENT HAS BEEN PREPARED AND ISSUED IN ACCORDANCE WITH AMCR 740-13.
- B. THE OUTLOADING PROCEDURES SHOWN HEREIN ARE APPLICABLE TO GERMAN RAILCARS AND OTHER FOREIGN RAILCARS OF SIMILAR DESIGN AND CONSTRUCTION.
- C. THE LOAD AS SHOWN IS BASED ON GERMAN RAILCAR (SM) 42'-7-3/8" (12,990MM) LONG X 9'-2-1/4" (2,800MM) WIDE. ADDITIONAL UNITS OR OTHER ITEMS MAY BE LOADED ON THE CAR WITH THE VIEW TOWARD FULL UTILIZATION OF CARRIER EQUIPMENT.
- D. LADING DATA:

DIMENSIONS ------ 9'-2" (2,794MM) LONG X 6'-6" (1,981MM)
WIDE X 3'-10" (1,168MM) HIGH.
GROSS WEIGHT ---- 1,824 LBS (APPROX) (827 KG).

- E. REMOVE ALL POSTS FROM SIDE OF CAR AND PLACE IN RACKS UNDER CAR.
- F. 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 BE USED TO SEAL THE JOINT.
- G. CAUTION: DURING WIRE ROPE INSTALLATION AVOID ALL CONTACT
 WITH ELECTRICAL WIRING, VEHICLE CONTROLS AND OTHER APPURTENANCES.
- H. 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 MECHANICAL HOIST.
- J. ALL HAND BRAKES MUST BE "SET" WITH THE HAND LEVERS WIRE TIED OR BLOCKED, AND TIRES WILL BE INFLATED TO 10 PSI ABOVE REGULAR OPERATING PRESSURE.
- K. NOTICE: A STAGGERED NAILING PATTERN WILL BE USED WHEN DUN-NAGE 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 PIECE.

LIST OF RAILCARS THAT MAY BE USED FOR SHIPMENTS					
RAILCARS	NO. OF ITEMS	TOTAL WEIGHT OF ITEMS			
SM 24	4	7,2% LBS (3,309 KG)			

	LOAD	AS	SHOW	N		
ITEM		QUAN	ITITY	WEIGH	(APPRC	OX)
MOBILITY KIT DUNNAGE						
	TOTAL	WEIG	HT	1,995 LB	S (905 k	(G)

