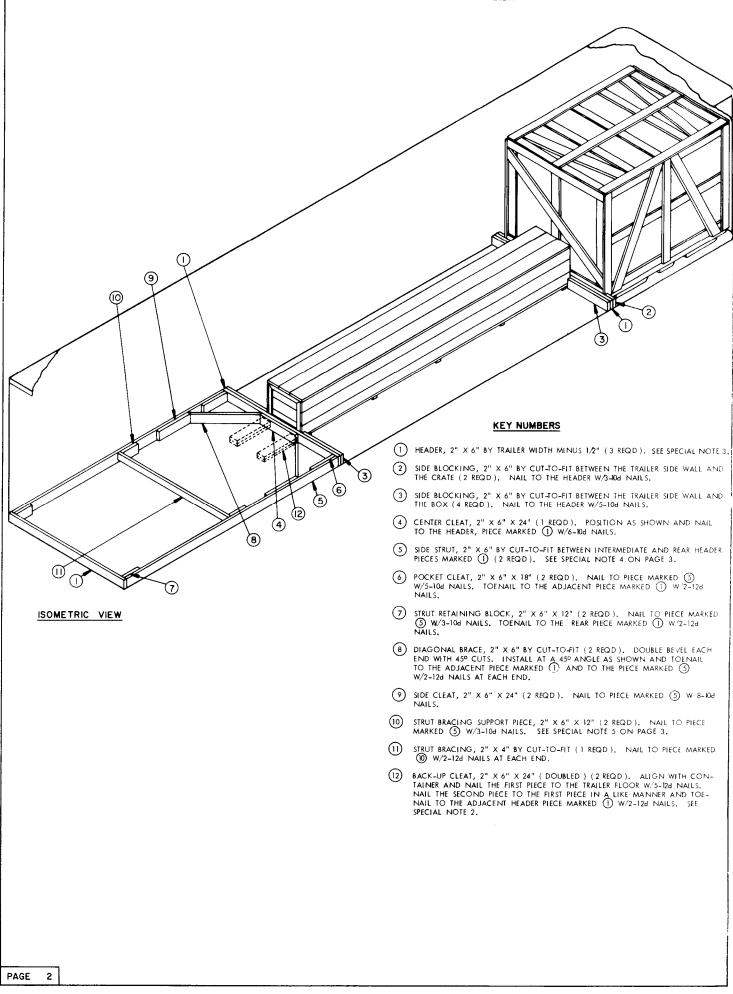
# **LANCE**

LOADING AND BRACING IN CLOSED OR OPEN TOP VAN TRAILER OF HANDLING UNIT, GUIDED MISSILE, XM39EI

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		OCTOBER 1972				
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DO NOT SCALE



#### SPECIAL NOTES:

- A 1-UNIT (2 PACKAGE) LOAD IS SHOWN. THESE OUTLOADING PROCEDURES DEPICT THE USE OF BOTH "K-BRACE" TYPE BLOCKING AND "NAILED-FLOOR-LINE" BLOCKING IN A 7'-6" WIDE (INSIDE DIMENSION) VAN TRAILER.
- PIECES MARKED ② ARE FOR USE IN A TRAILER WHICH HAS A NAILABLE FLOOR AND MAY BE USED IN LIEU OF ONE HEADER PIECE MARKED ① AT THE REAR OF THE TRAILER AND PIECES MARKED ④ THRU ① WHICH APPLY TO TRAILERS HAVING NON-NAILABLE FLOORS.
- IF A SQUARE-FRONT TRAILER IS OFFERED FOR SHIPMENT OF THE DESIGNATED ITEM, AN ADDITIONAL HEADER, PIECE MARKED 1, AND TWO (2) ADDITIONAL SIDE BLOCKING PIECES MARKED 2 MUST BE USED AT THE FRONT WALL OF THE TRAILER.
- IF DESIRED, EACH SIDE STRUT PIECE MARKED (3) MAY 8E CUT FROM TWO (2) LENGTHS OF MATERIAL, BUTTED TOGETHER AND SPLICED WITH A 2" X 6" X 24" SPLICE PIECE, CENTERED ON THE JOINT AND NAILED W/4-10d NAILS AT EACH
- THE STRUT BRACE SUPPORT PIECES MARKED (1) MUST BE POSITIONED SO THAT THE STRUT BRACING PIECE MARKED (1) WILL BE CENTERED BETWEEN THE INTERMEDIATE AND REAR HEADER PIECES MARKED (1).

#### BILL OF MATERIAL LINEAR FEET BOARD FEET LUMBER 2" X 4" 2" X 6" 84 NO. REQD POUNDS NAILS 1-1/4 10d (3" 12d (3-1/4") 20 1/2

## MATERIAL SPECIFICATIONS

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

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

### GENERAL NOTES

- A. THIS DOCUMENT HAS BEEN PREPARED AND ISSUED IN ACCORDANCE WITH AMCR 740-13.
- THE OUTLOADING PROCEDURES SPECIFIED HEREIN ARE APPLICABLE TO THE BASE ASSEMBLY AND BOOM ASSEMBLY OF THE HANDLING UNIT, GUIDED MISSILE, XM39E1 WHEN PACKED IN THE WOODEN CRATE AND WOODEN BOX RESPECTIVELY.
- C. LADING DATA

BASE ASSEMBLY (CRATED) --- 8'-1" LONG X 6'-4" WIDE X 6'-1" HIGH. GROSS WEIGHT------------ 1,298 POUNDS (APPROX). BOOM ASSEMBLY (BOXED) --- 17'-3" LONG X 26" WIDE X 22" HIGH. \_\_\_\_\_ 843 POUNDS (APPROX).

- THE LOAD AS SHOWN IS BASED ON A 40'-0" LONG BY 7'-6" WIDE (INSIDE DIMENSION) CLOSED OR OPEN TOP VAN TRAILER WHICH HAS A WOOD, OR A WOOD AND METAL, OR A METAL FLOOR. THE DELINEATED OUTLOADING PROCEDURES ARE ALSO APPLICABLE TO TRAILERS WHICH ARE EIGHTY-NINE INCHES ( 89" ) THROUGH NINETY-THREE INCHES (93") IN WIDTH.
- THE GROSS 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.
- THE NUMBER OF LADING UNITS MAY BE ADJUSTED TO FIT THE SIZE OF THE TRAILER TO BE LOADED OR THE QUANTITY TO BE SHIPPED; HOWEVER THE APPROVED METHODS SHOWN HEREIN MUST BE FOLLOWED AS CLOSELY AS POSSIBLE FOR BLOCKING, BRACING, AND STAYING OF THE DESIGNATED ITEMS.
- OTHER TYPES OF LADING ITEMS MAY BE LOADED INTO TRAILERS WHICH ARE PARTIALLY LOADED WITH THE DEPICTED ITEM, PROVIDING THE TOTAL LOAD IS COMPATIBLE, EXISTING DIRECTIVES ARE NOT VIOLATED, AND THE OTHER LADING ITEMS ARE BLOCKED AND BRACED TO EQUAL THE BLOCKING AND BRACING CRITERIA SPECIFIED HEREIN.
- DUNNAGE LUMBER SPECIFIED THROUGHOUT THIS PROCEDURAL DRAWING IS OF NOMINAL 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.
- NOTICE: A STAGGERED NAILING PATTERN WILL BE USED WHEREVER POSSIBLE WHEN NAILS ARE DRIVEN INTO JOINTS OF DUNNAGE ASSEMBLIES. ALSO, 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 PIECE. A STAGGERED NAILING PATTERN WILL BE USED WHEREVER POSSIBLE WHEN
- PORTIONS OF THE TRAILER BODY DEPICTED WITHIN THIS PROCEDURAL DRAWING, SUCH AS ONE OF THE SIDE WALLS, HAVE BEEN OMITTED FROM THE LOAD VIEWS FOR CLARITY PURPOSES.
- FOR ADDITIONAL GUIDANCE, ATTENTION IS DIRECTED TO THE "SPECIAL NOTES" AT THE LEFT.

LOAD AS SHOWN

QUANTITY ITEM

WEIGHT (APPROX)

HANDLING UNIT (IN 2 PACKAGES) ----- 1 -----\_\_\_\_\_ 227 LBS DUNNAGE --

TOTAL WEIGHT ----- 2,368 LBS