22 July 1968 AMC Ammunition Center Savanna Army Depot Savanna, Illinois

# CHANGE ORDER FOR 19-48 SERIES DRAWING

1. Effective date: 1 August 1968

2. Drawing number: 19-48-5059-GM5A9 (Revision 2).

- 3. Drawing title: LOADING AND BRACING (CL & LCL) IN BOX CAR OF IGNITER, ROCKET MOTOR, M24, PACKED EIGHTEEN PER WOODEN BOX, FOR THE NIKE-AJAX AND NIKE-HERCULES GUIDED MISSILES, & (M65 OR M69).
- 4. A copy of this change order should be attached to each copy of drawing GM5A9, or "pen and ink" changes can be made to each copy.

The following changes are applicable to the drawing and are current until superseded by revision three (3) to the drawing.

### 5. Changes:

Page 2 --- The alternative type blocking shown by the "center gate" detail is to be changed.

- a. The bottom gate horizontal piece is to be raised one inch (1") off the car floor.
- b. The leader note identifying the struts is to be changed to read: STRUTS, 2" X 6" X CUT TO FIT (TRIPLED) (16 REQD). LAMINATE W/1-10d NAIL EVERY 5". TOENAIL TO GATE UPRIGHT W/2-12d NAILS AT EACH END.

APPROVED
BUREAU OF EXPLOSIVES

A. J. Grasomuck
DATE 9/20/62 INSPECTOR

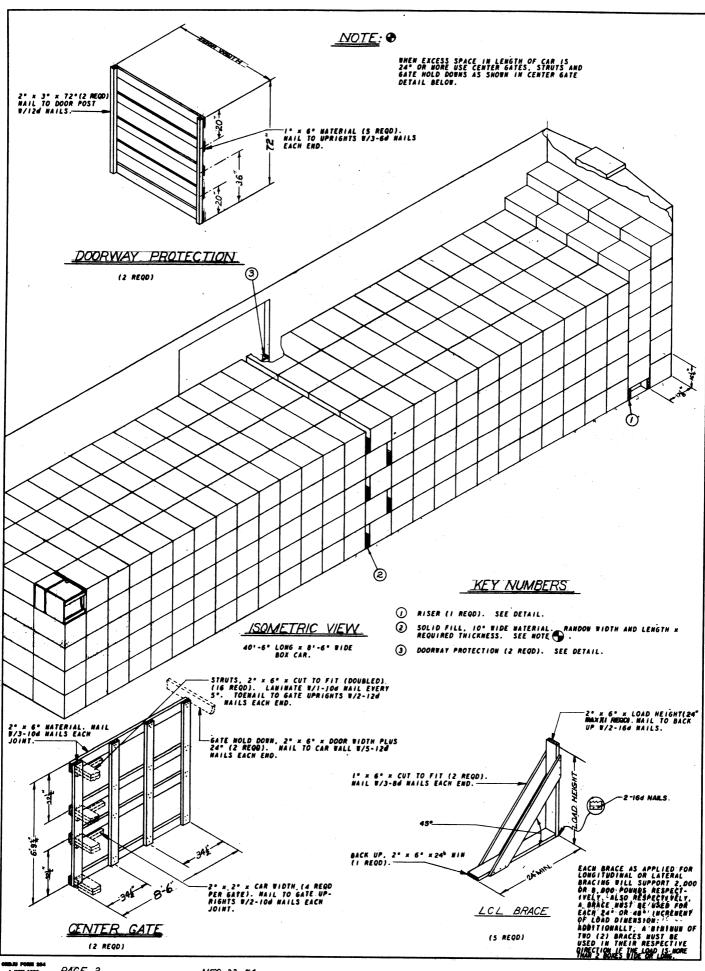


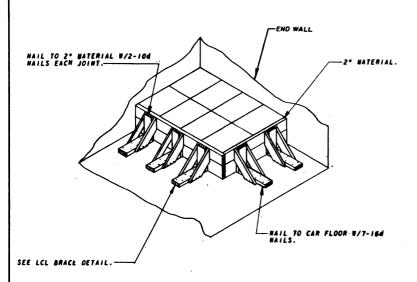
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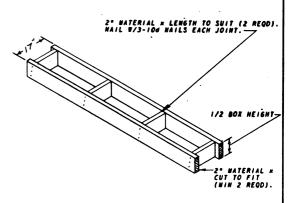
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	L.,							

DO NOT SCALE







#### TYPICAL RISER.

LENGTH AND/OR WIDTH OF RISER MAY BE ADJUSTED TO COMFORM WITH BOX POSITION AND/OR LOAD REQUIREMENTS.

### TYPICAL LCL

## GENERAL NOTES

- A. LOADS AS SHOWN ARE BASED ON BOX CARS 40'-6" LONG x 8'-6" AND 9'-2" WIDE WITH 6'-0" DOORWAY OPENINGS.
- B. SELECTION OF RAIL CARS FOR THE TRANSPORT OF THIS ITEM WILL BE IN ACCORDANCE WITH PARAGRAPH 8,300.4, ORDN 3-4, VOL 3.
- C. NOTICE: SMIPHENTS WILL BE POSITIONED IN THE RAIL CAR IN COMPLIANCE WITH THE WEIGHT, DISTRIBUTION REQUIREMENTS OF THE AAR. THE MUMBER OF UNITS MAY BE ADJUSTED TO FIT THE RAILCAR CONCERNED, OR THE QUANTITY TO BE SHIPPED; HOWEVER, THE APPROVED METHODS CONTAINED HEREIN, FOR FULL OR PARTIAL CARLOAD, MUST BE FOLLOWED FOR BLOCKING, BRACING AND STAYING OF THIS ITEM.
- D. FOR DETAIL OF BOX SEE DRAWING NO. 8026208.

  BOX DIMENSIONS -251° LONG × 161° WIDE × 171° MIGH.

  GROSS WEIGHT 202 LBS (APPROX).
- E. FOR AUTHORIZED METHODS OF BRACING PARTIAL LAYERS SEE ORD CORPS DRAW-ING 19-48-2213-5934.
- F. THIS ITEM IS AN ICC CLASS "A" EXPLOSIVE. PROCEDURES SHOWN HEREIN ARE APPLICABLE FOR THE SHIPMENT OF BOXES WITH INERT LOADED, EMPTY OR PRACTICE IGNITERS AND OF EMPTY AGASES.

BILL OF MATERIAL (CL)						
LUMBER	LINEAL FEET	BOARD FEET				
1. × 6.	60	30				
2° x 3°	24	12				
2" x 0"	- 150	200				
NAILS	NO. REQD	POUNDS				
64 (2*)	60					
104 (3*)	24	1				
120 (31.)	20	1				
	L	1				

#### MATERIAL SPECIFICATIONS

LUBBER: SEE PARAGRAPH 8,400, ORDH 3-4, VOL 3.

NAILS: COUNDN, CEWENT COATED, FED SPEC FF-N-105.

ALT: ANNULAR-RING TYPE NAIL OF SAME SIZE.

LOAD AS SHOWN

	QUANTITY	DEIGHT		
BOXES	564	113,128 LBS (APPROX)		
DUNNAGE		607 LBS		
TOTAL BEIGHT		113,735 LBS (APPROX)		

