

CHAPTER 3

RIGGING FARE IN 1 1/4-TON CARGO TRUCK

3-1. Description of Load

The FARE is stowed in the M561, 1 1/4-ton cargo truck. The FARE weighs 860 pounds. The load requires either three G-11A or G-11B cargo parachutes. Except for the changes outlined in this chapter, the truck is rigged as shown in chapter 3 of FM 10-508/TO 13C7-2-491.

3-2. Stowing FARE (Low Velocity and LAPE)

a. Preparing Pump/Engine Assembly. Prepare the pump/engine assembly as shown in figure 3-1.

b. Preparing Carrier. Prepare the carrier as shown in figure 3-2.

c. Stowing the Components. Stow the components of the FARE as shown in figures 3-3 and 3-4.

3-3. Stowing Cargo Parachutes (Low Velocity)

a. Stowage Platform. Build a parachute stowage platform in the carrier as shown in figure 3-5.

b. Cargo Parachutes. Prepare either three G-11A or G-11B cargo parachutes, adapting the procedures in FM 10-500/TO 13C7-1-5.

Note: Use only the M-1 cargo parachute release with the G-11B cargo parachute.

3-4. Positioning Extraction Parachute (Low Velocity)

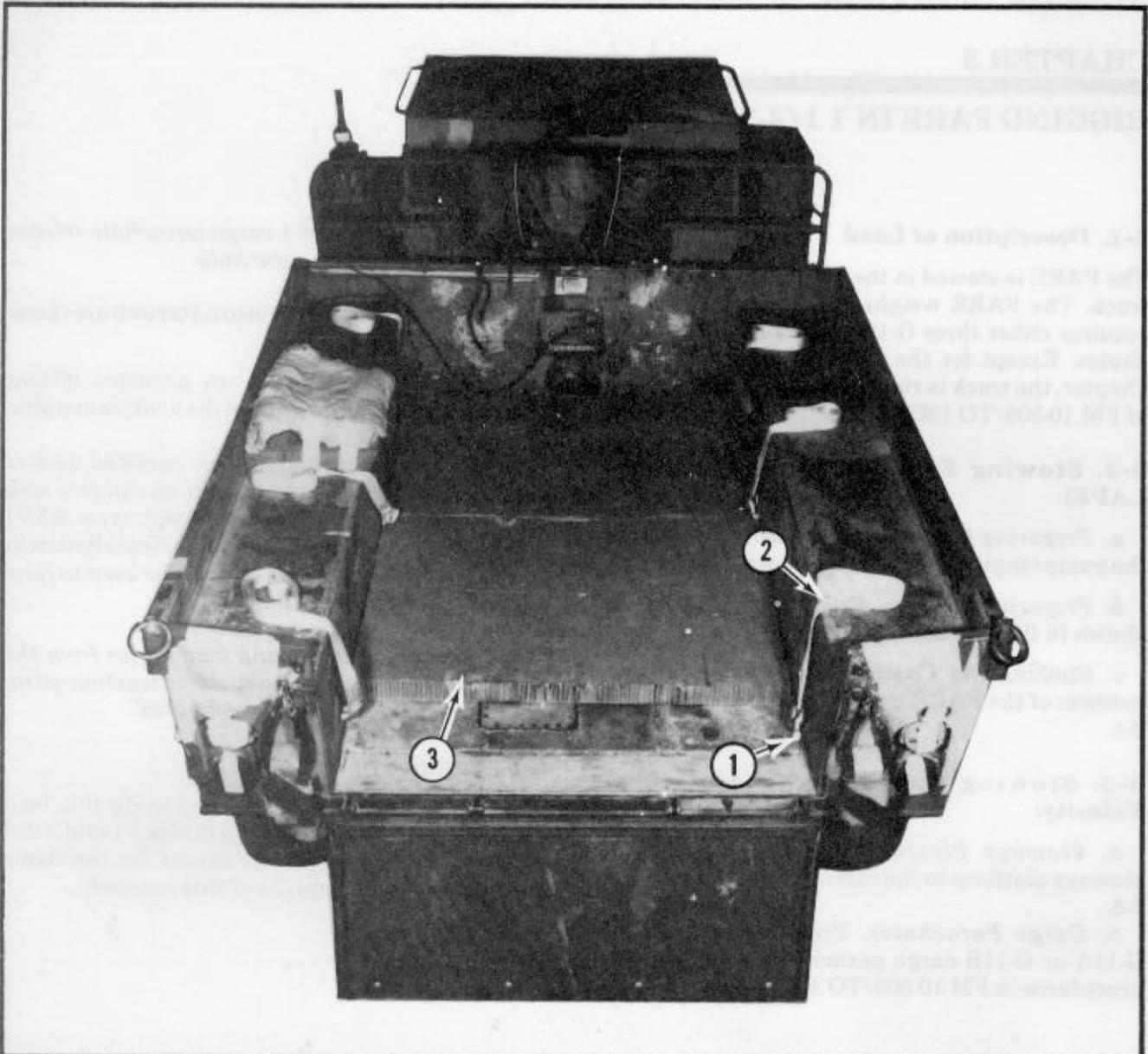
a. C-130 Aircraft. Place an unreefed 22-foot cargo extraction parachute on the load for installation in the aircraft.

b. C-141B Aircraft. Place an unreefed 15-foot cargo extraction parachute with an adapter web and a continuous 160-foot (1-loop) type XXVI nylon extraction line on the load for installation in the aircraft. Shorter lines will not be used to form the 160-foot extraction line.

Note: If the accompanying load varies from the load shown in this manual the extraction parachute requirement must be computed.

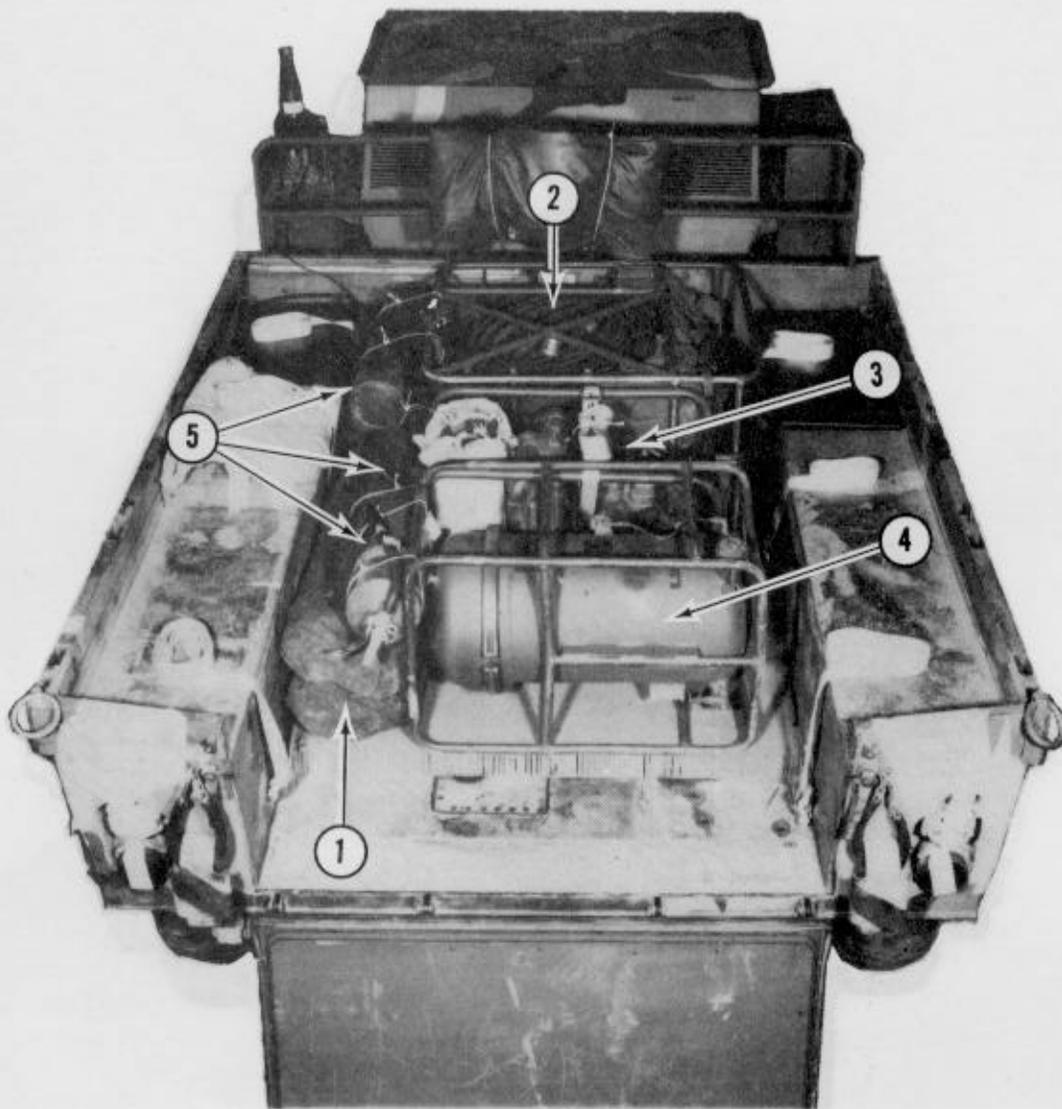
3-5. Equipment Required

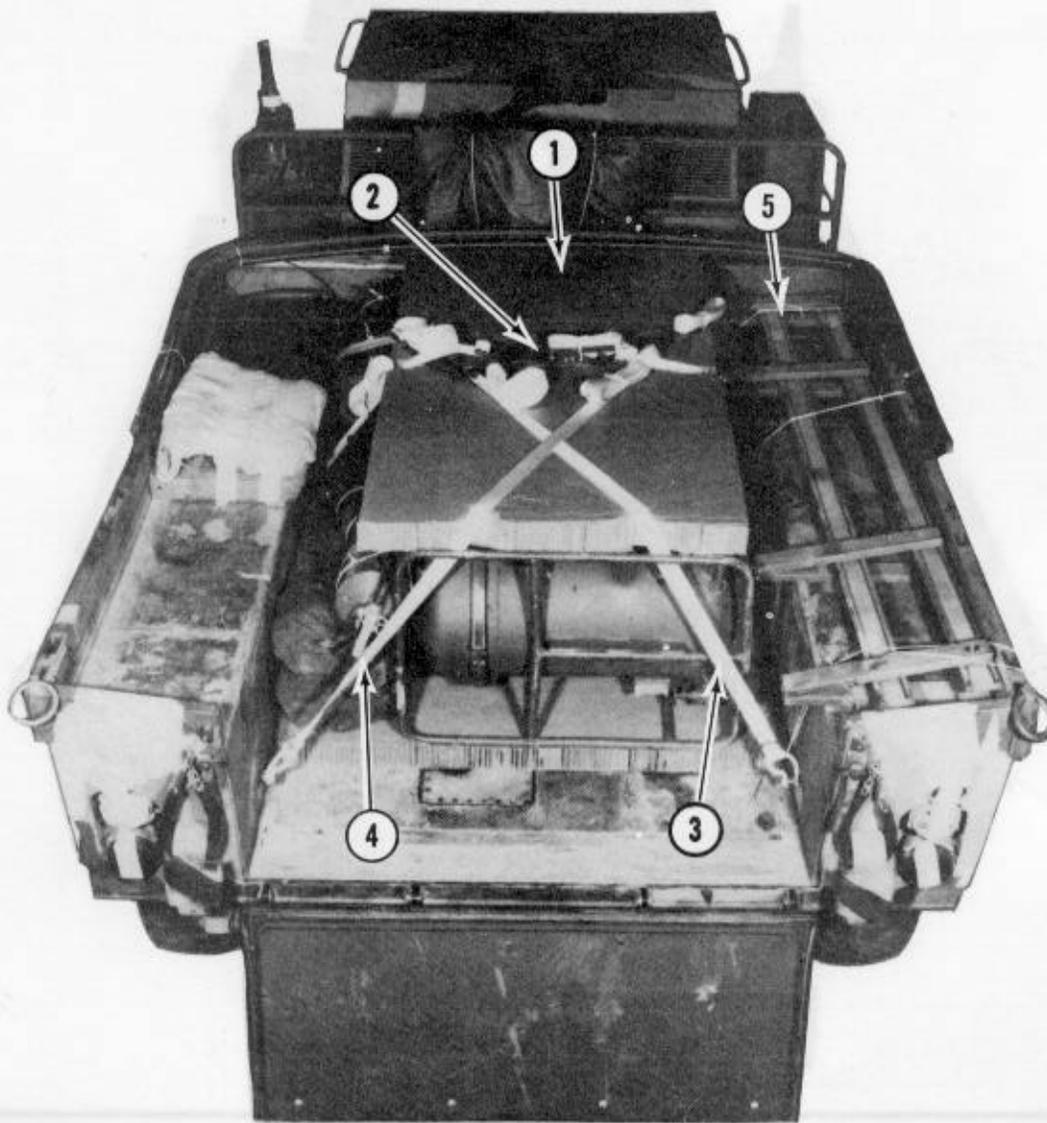
The items of equipment required to rig this load are the same as those listed in tables 3-1 and 3-2 of FM 10-508/TO 13C7-2-491, except for the items listed in tables 3-1 and 3-2 of this manual.



- ① Bolt six load tiedown clevises to the tiedown provisions in the carrier.
- ② Pass a 15-foot tiedown strap through each tiedown clevis, then through its own D-ring.
- ③ Set two 36- by 51-inch pieces of honeycomb on the carrier floor.

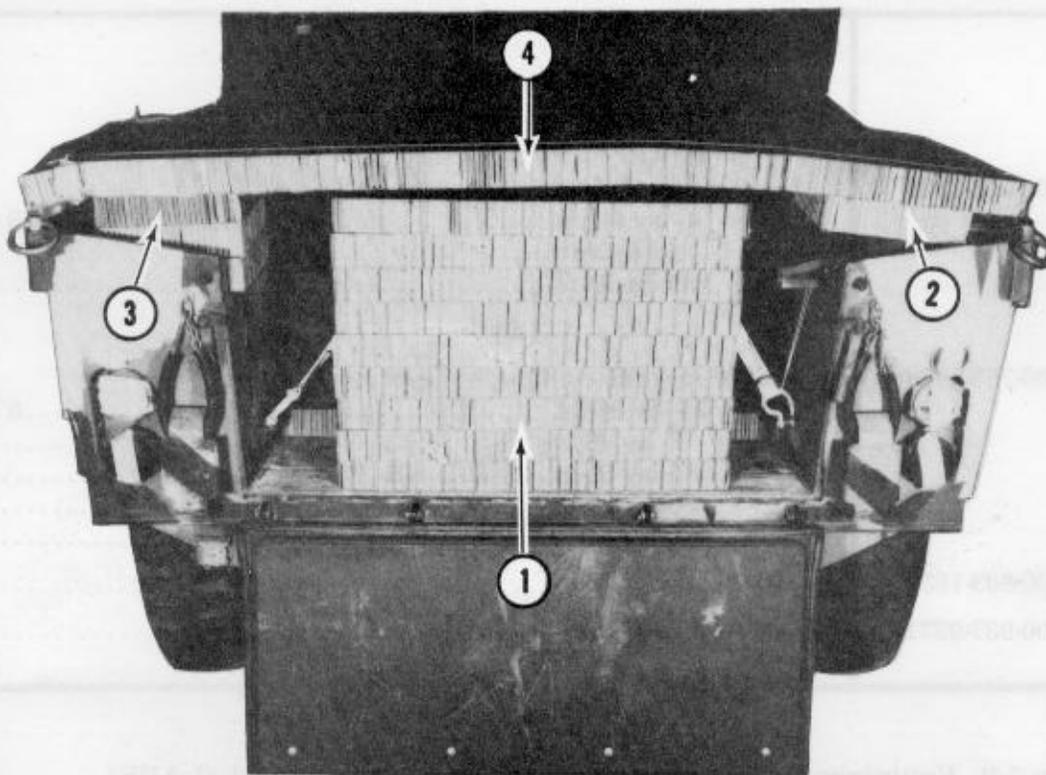
Figure 3-1. Carrier prepared.





- ① Place a 36- by 72-inch piece of honeycomb on top of the frame assemblies.
- ② Fasten the two center tiedown straps together on top of the honeycomb using two D-rings and a load binder.
- ③ Pass the right rear tiedown strap under the filter/separator frame and fasten to the left front tiedown strap using two D-rings and a load binder.
- ④ Pass the left rear tiedown strap under the filter/separator frame and fasten to the right front tiedown strap using two D-rings and a load binder.
- ⑤ Place the seat backs on the right side seat and tie in place with type III nylon cord.

Figure 3-3. FARE and seat backs secured.



- ① Glue nine 12- by 36-inch pieces of honeycomb together. Place the honeycomb in the rear of the carrier.
- ② Place a 12- by 36-inch piece of honeycomb on the seat backs.
- ③ Place three 12- by 36-inch pieces of honeycomb on the left seat.
- ④ Place a 36- by 84-inch piece of honeycomb across the top of the three honeycomb stacks at the rear of the carrier. Tie the piece of honeycomb in place with two lengths of type III nylon cord.

Note: *When marking the load, the rigged weight must be computed.*

3-4. Cargo Parachute stowage platform installed.

Table 3-1. Equipment required to rig FARE in 1 1/4-ton truck (low velocity)

National Stock Number	Item	Quantity
Delete		
1670-00-753-3928	Pad, energy-dissipating, honeycomb, 3- by 36- by 96-in: 3 sheets 12- by 24-in (16) 36- by 78-in (1)	
Add		
1670-00-753-3928	Pad, energy-dissipating, honeycomb, 3- by 36- by 96-in: 5 sheets 12- by 36-in (13) 36- by 51-in (2) 36- by 72-in (1) 36- by 84-in (1)	
1670-00-893-1631	Clevis, load tiedown	6
1670-00-937-0271	Tiedown Assembly, 15-ft	6

Table 3-2. Equipment required to rig FARE in 1 1/4-ton truck (LAPE)

National Stock Number	Item	Quantity
Add		
1670-00-753-3928	Pad, energy-dissipating, honeycomb 3- by 36- by 96-in: 5 sheets 12- by 36-in (13) 36- by 51-in (2) 36- by 72-in (1) 36- by 84-in (1)	
1670-00-893-1631	Clevis, load tiedown	6
1670-00-937-0271	Tiedown Assembly, 15-ft	6