

INSTALLING AND SAFETY TYING SUSPENSION SLINGS

3-24. Install, pad and safety tie the suspension slings according to FM 4-20.102/ TO 13C7-1-5, and as shown in Figure 3-15.

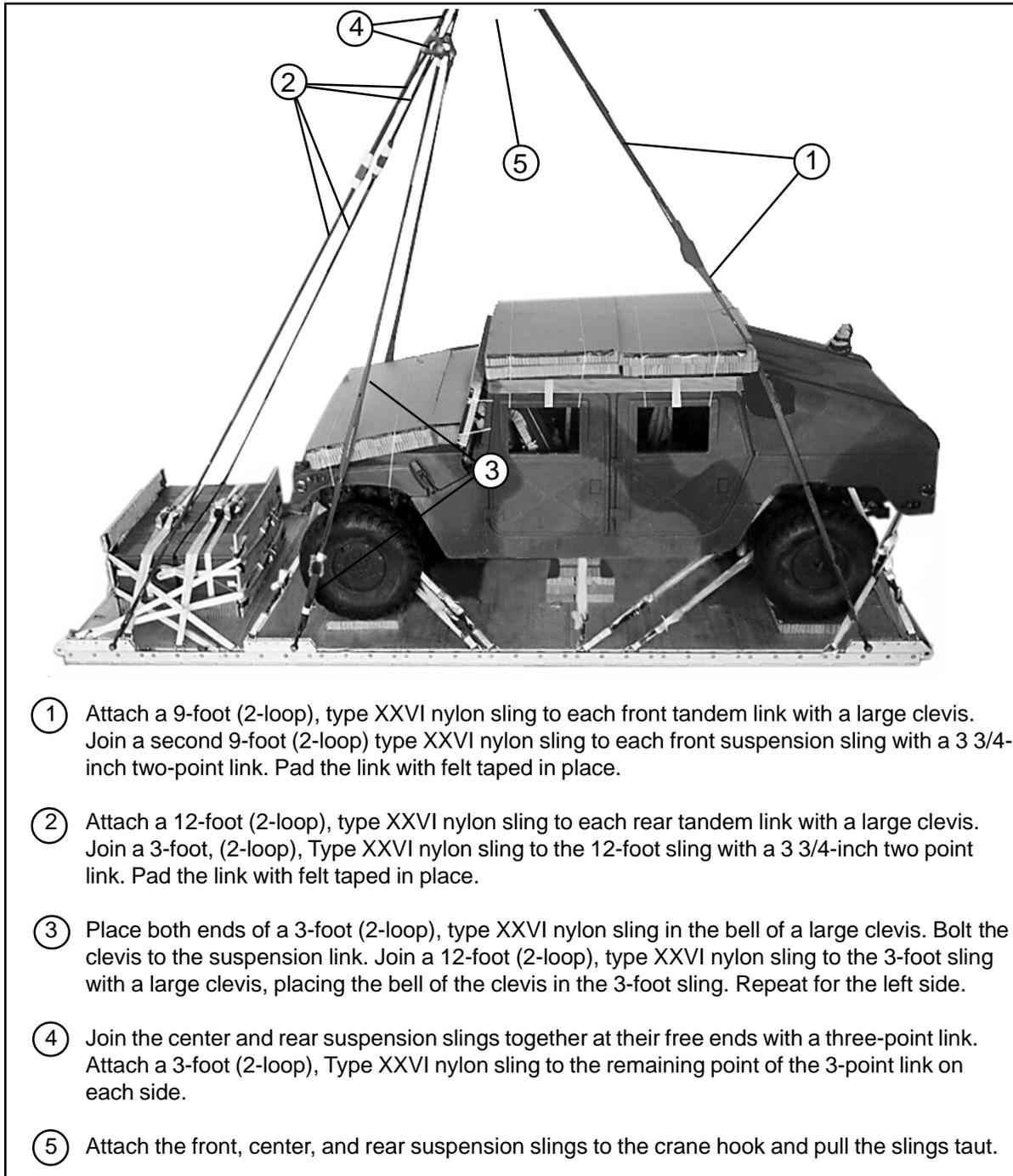
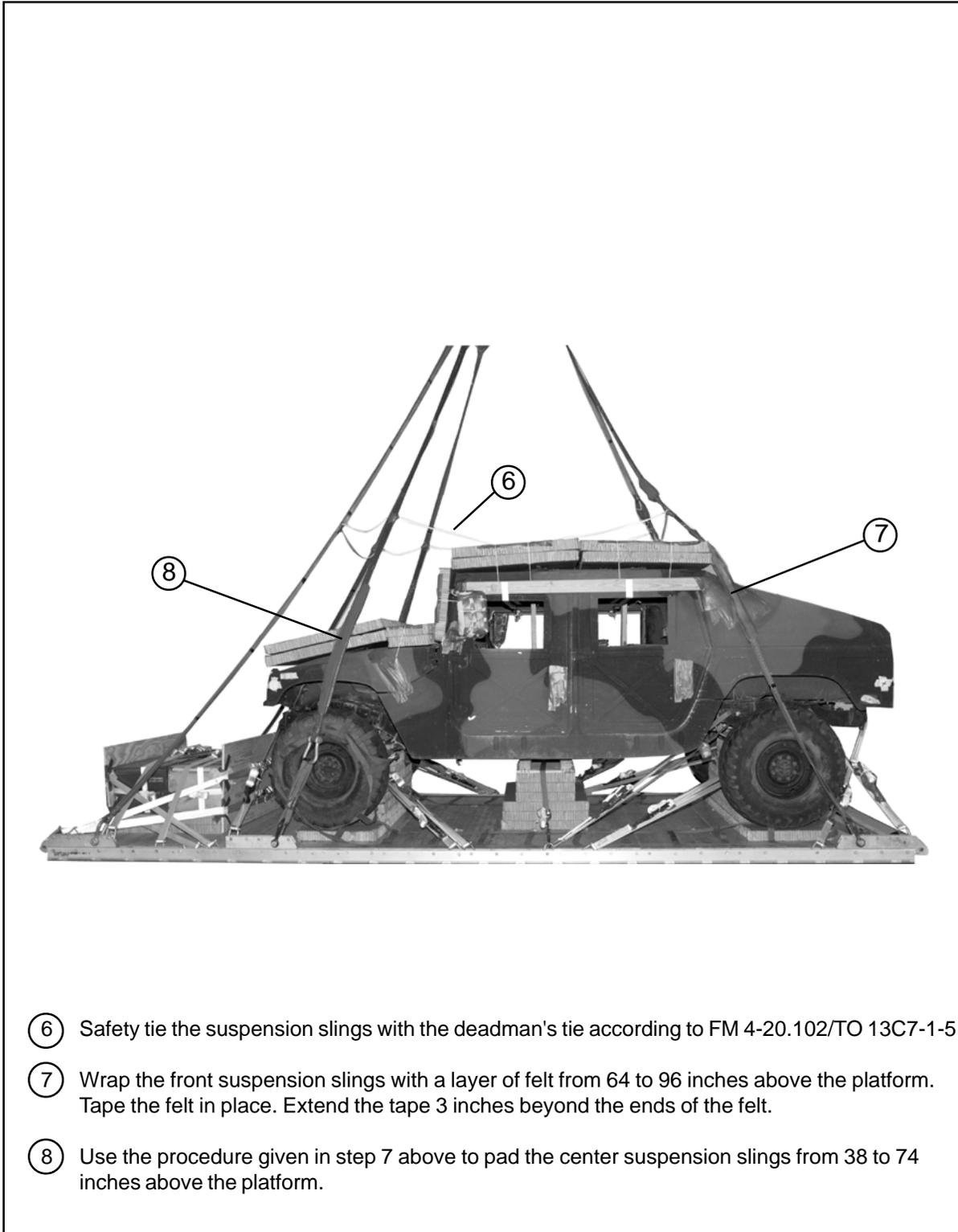


Figure 3-15. Suspension Slings Installed, Padded and Safety Tied



- ⑥ Safety tie the suspension slings with the deadman's tie according to FM 4-20.102/TO 13C7-1-5
- ⑦ Wrap the front suspension slings with a layer of felt from 64 to 96 inches above the platform. Tape the felt in place. Extend the tape 3 inches beyond the ends of the felt.
- ⑧ Use the procedure given in step 7 above to pad the center suspension slings from 38 to 74 inches above the platform.

Figure 3-15. Suspension Slings Installed, Padded and Safety Tied (continued)

STOWING CARGO PARACHUTES

3-25. Use three G-11 cargo parachutes on this load. Stow the cargo parachutes according to FM 4-20.102/TO 13C7-1-5, and as shown in Figure 3-16.

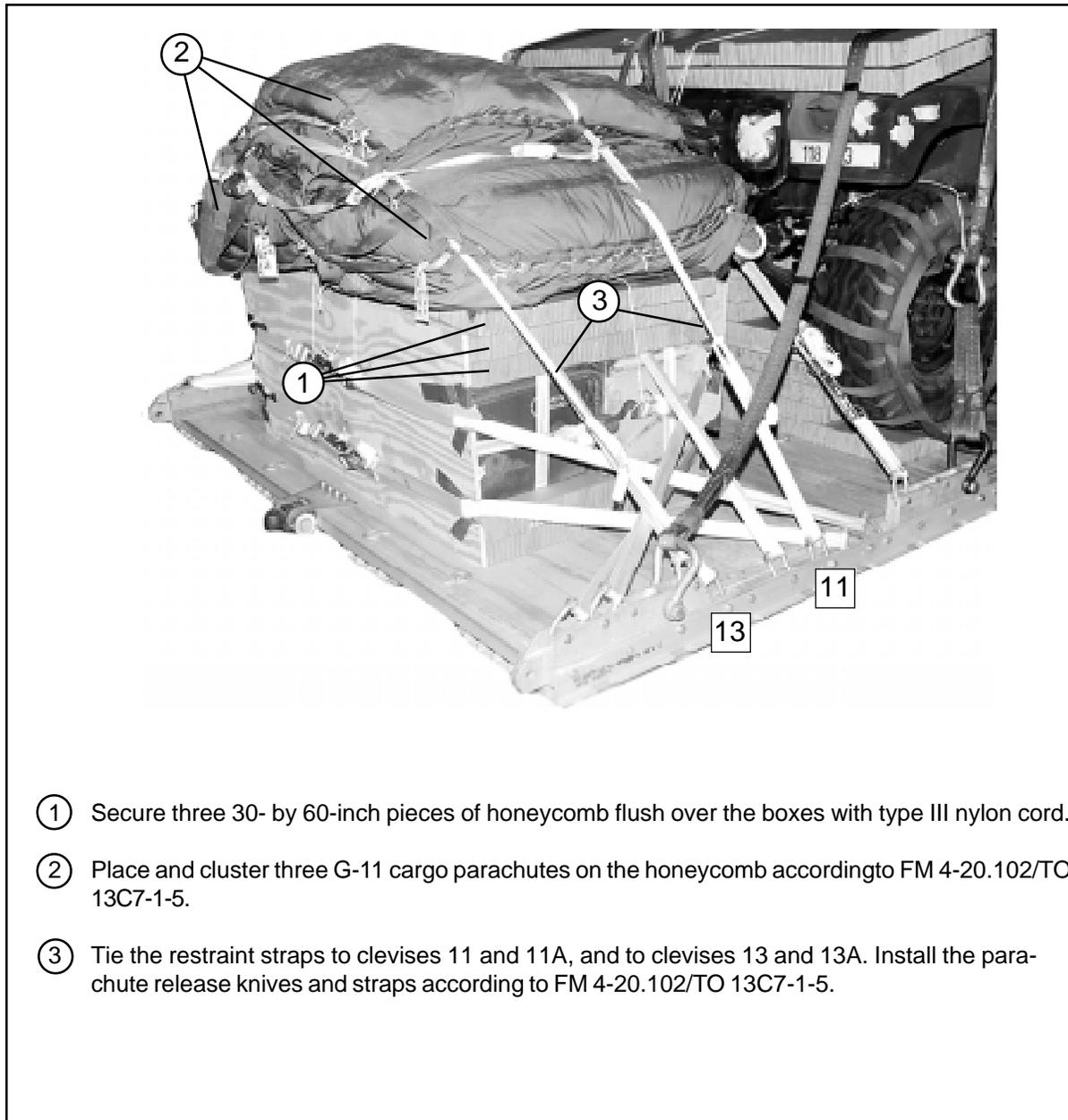


Figure 3-16. Cargo Parachutes Stowed

INSTALLING PARACHUTE RELEASE

3-26. Prepare and install an M-1 cargo parachute release according to FM 4-20.102/TO 13C7-1-5, and as shown in Figure 3-17.

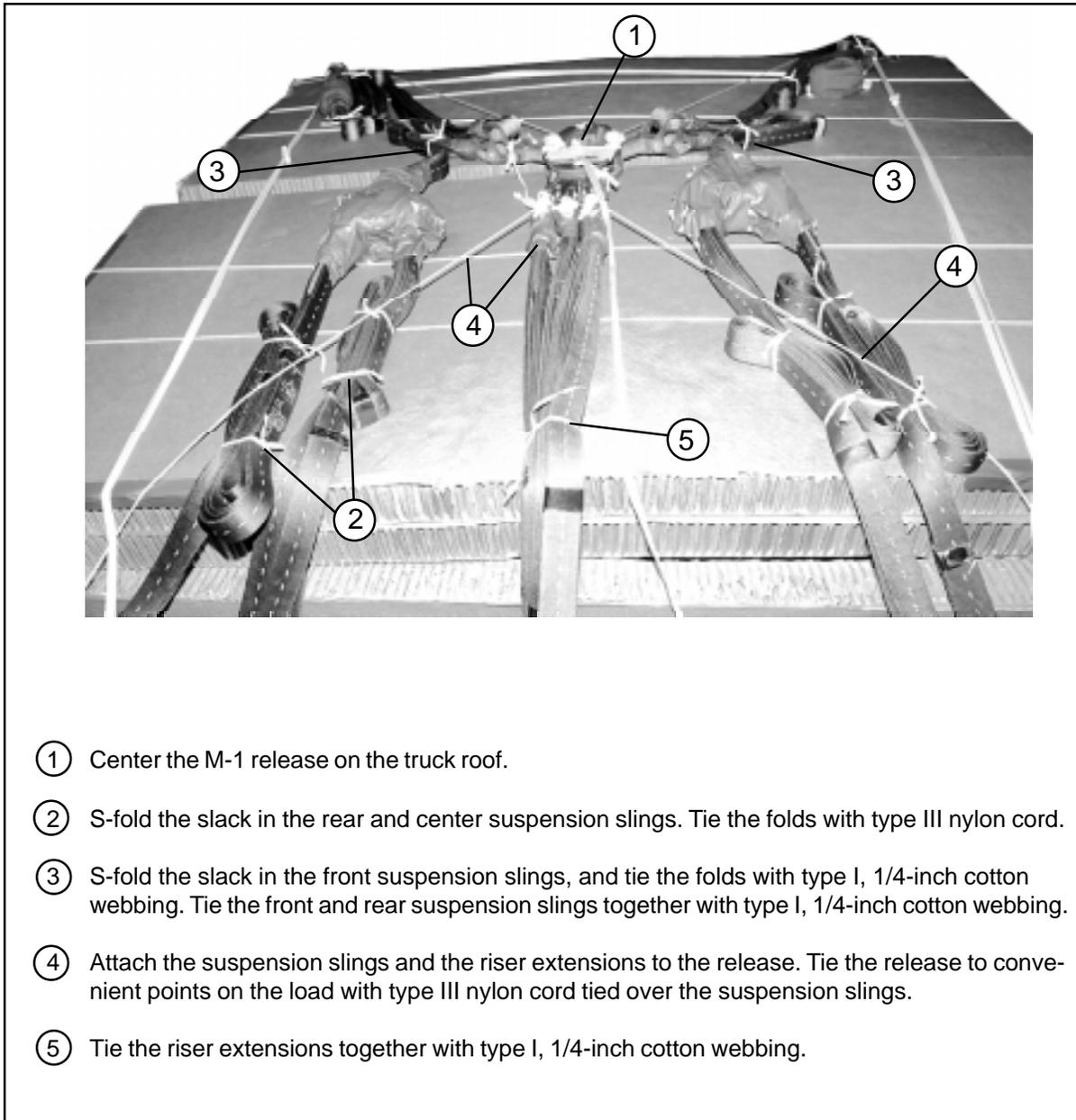
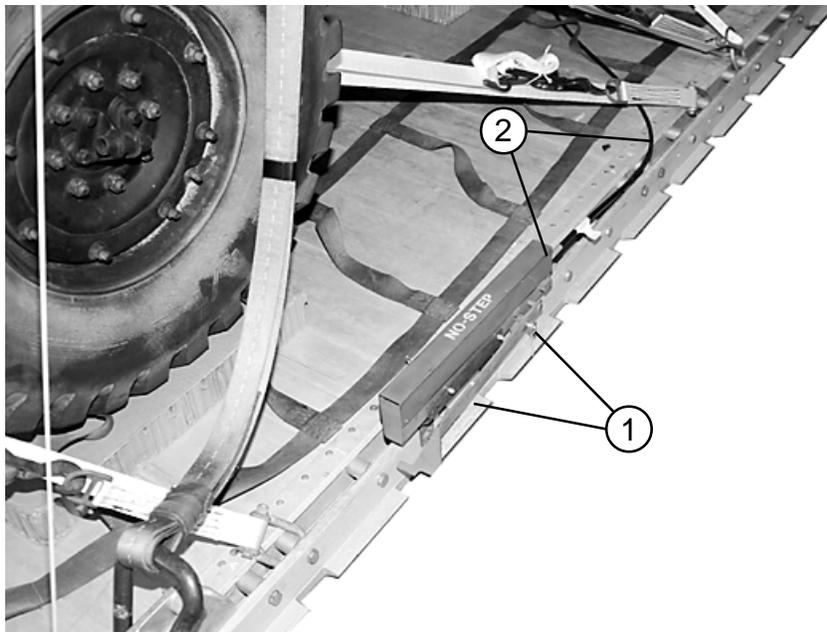


Figure 3-17 . M-1 Cargo Parachute Release Installed

INSTALLING EXTRACTION SYSTEM

3-27. Install the EFTC extraction system according to FM 4-20.102/TO 13C7-1-5, and as shown in Figure 3-18.



- ① Install the EFTC mounting brackets in the rear mounting holes in the left platform side rail.
- ② Attach a 20-foot release cable to the actuator. Install the actuator to the EFTC brackets.

Figure 3-18. EFTC Installed

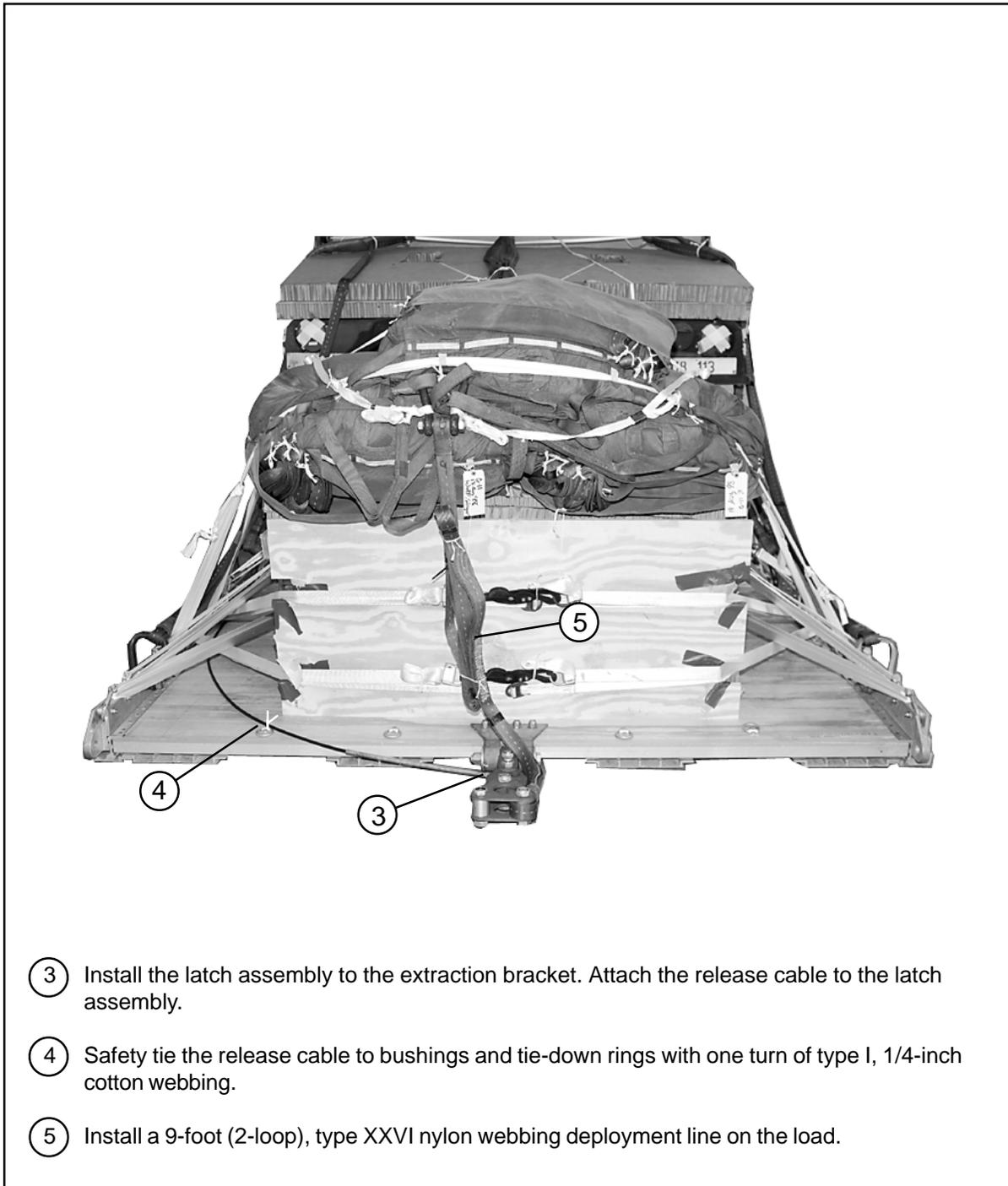


Figure 3-18. EFTC Installed (continued)

INSTALLING PROVISIONS FOR EMERGENCY RESTRAINTS

3-28. Install the provisions for emergency restraints on the load according to FM 4-20.102/TO 13C7-1-5.

PLACING EXTRACTION PARACHUTE

3-29. Select the extraction parachute and extraction line needed using the extraction line requirements table in FM 4-20.102/TO 13C7-1-5. Rig the extraction line in an extraction line bag according to TM 10-1670-286-20/TO 13C5-2-41. Place the extraction parachute and extraction line on the load for installation in the aircraft.

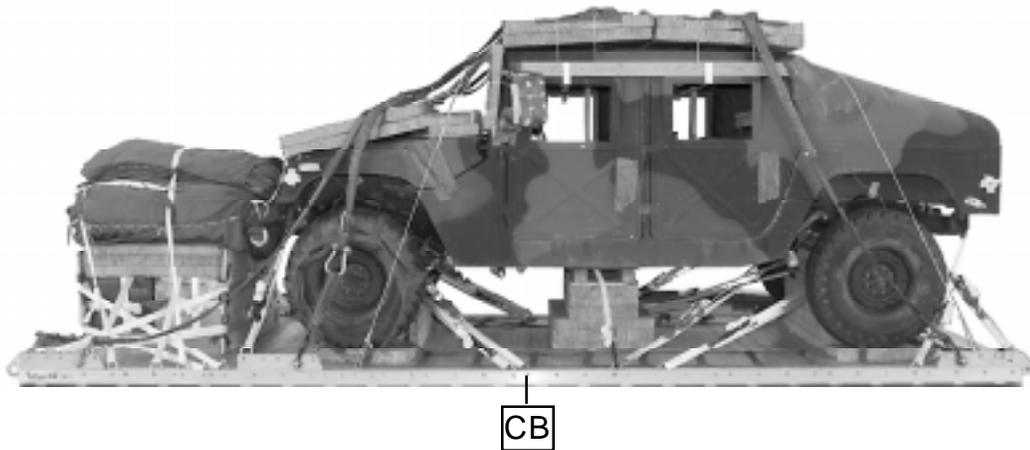
MARKING RIGGED LOAD

3-30. Mark the rigged load according to FM 4-20.102/TO 13C7-1-5, and as shown in Figure 3-19. Complete Shipper's Declaration for Dangerous Goods according to AFJMAN 24-204/TM 38-250. If the load varies from the one shown, the weight, height, CB, and parachute requirements must be recomputed.

EQUIPMENT REQUIRED

3-31. Use the equipment listed in Table 3-2 to rig this load. The equipment for rigging the accompanying load is NOT given in Table 3-2.

CAUTION
**Make the final rigger inspection required by FM 4-20.102/
 TO 13C7-1-5 before the load leaves the rigging site.**



RIGGED LOAD DATA

Weight: Load shown	11,740 pounds
Maximum load allowed	12,100 pounds
Height	91 inches
Width	108 inches
Length (overall)	265 inches
Overhang: Front	0 inches
Rear (EFTC).....	18 inches
CB (from front edge of platform)	112 inches

Figure 3-19. M1025 Armament Carrier Rigged on a 20-Foot Platform

Table 3-2. Equipment Required for Rigging M1025 Armament Carrier with Accompanying Load on 20-Foot Platform

National Stock Number	Item	Quantity
8040-00-273-8713	Adhesive, paste, 1-gal	As required
4030-00-090-5354	Clevis, suspension, 1-in (large)	9
4020-00-240-2146	Cord, nylon, type III, 550-lb	As required
1670-00-434-5795	Coupling assembly, airdrop, extraction force transfer with cable, 20ft	1
1670-00-360-0328	Cover: Clevis, large	1
8135-00-664-6958	Cushioning material, packaging, cellulose wadding	As required
8305-00-958-3685	Felt, 1/2-in thick	As required
1670-01-183-2678	Leaf, extraction line (line bag)	2
1670-01-062-6313	Line, drogue (for C-17) 60-ft (3-loop), type XXVI	1
1670-01-062-6313	Line, extraction: For C-130: 60-ft (3-loop), type XXVI	1
1670-01-107-7651	For C-141: 140-ft (3-loop), type XXVI	1
1670-01-062-6313	For C-5: 60-ft, (3-loop), type XXVI and	1
1670-01-107-7651	140-ft (3-loop), type XXVI	1
1670-01-107-7651	For C-17: 140-ft (3-loop), type XXVI	1
5306-00-435-8994	Link Assembly: Two-point: Bolt, 1-in diam, 4-in long	6 (12)
5310-00-232-5165	Nut, 1-in, hexagonal	(12)
1670-00-003-1953	Plate, side, 3 3/4-in	(12)
5365-00-007-3414	Spacer, large	(12)
5510-00-220-6146	Lumber: 2- by 4-in	As required
5510-00-220-6448	2- by 6-in	As required
5510-00-220-6274	4- by 4-in	As required
5315-00-010-4659	Nail, steel wire, 8d	As required

Table 3-2. Equipment Required for Rigging M1025 Armament Carrier with Accompanying Load on 20-Foot Platform (continued)

National Stock Number	Item	Quantity
1670-00-753-3928	Pad, energy-dissipating (honeycomb) 3- by 36- by 96-in	15 sheets
1670-01-016-7841	Parachute: Cargo: G-11B	3
1670-01-063-3716	Cargo extraction: 22-ft (for C-17, use H-block with this parachute.)	1
1670-01-063-3715	Drogue (for C-17) 15-ft	1
1670-01-353-8425	Platform, airdrop, type V, 20-ft	(1)
1670-01-162-2372	Bracket assembly, EFTC	(46)
1670-01-162-2376	Clevis assembly, type V	(1)
1670-01-247-2389	Bracket assembly, extraction	(2)
1670-01-162-2381	Link, suspension bracket, type V	(4)
5530-00-128-4981	Tandem link assembly (Multipurpose link)	5 sheets
1670-01-097-8816	Plywood, 3/4-in	1
1670-01-062-6301	Release, cargo parachute, M-1	6
1670-01-062-6304	Sling, cargo, airdrop	4
1670-01-062-6303	For suspension: 3-ft (2-loop), type XXVI nylon webbing	4
1670-01-062-6304	9-ft (2-loop), type XXVI nylon webbing	4
1670-01-062-6303	12-ft (2-loop), type XXVI nylon webbing	2
1670-01-062-6304	For lifting: 9-ft (2-loop), type XXVI nylon webbing	2
1670-01-062-6303	12-ft (2-loop), type XXVI nylon webbing	1
1670-01-062-6304	For deployment: 9-ft (2-loop), type XXVI nylon webbing	6
1670-01-062-6302	For riser extension: 20-ft (2-loop), type XXVI nylon webbing	2
5340-00-040-8219	Strap, parachute release, multi-cut, comes w/ 3 knives	As required
7510-00-266-5016	Tape, adhesive, 2-in	39
1670-00-937-0271	Tie-down assembly, 15-foot	2
1670-01-344-0825	Vehicle drive-off aid	As required
8305-00-268-2411	Webbing: Cotton, 1/4-in, type I	As required
8305-00-082-5752	Nylon, tubular, 1/2-in	As required
No NSN	Type V	As required
8305-00-263-3591	Type VIII	As required