

Figure 7-8. Machine Gun and Mount Stowed and Secured

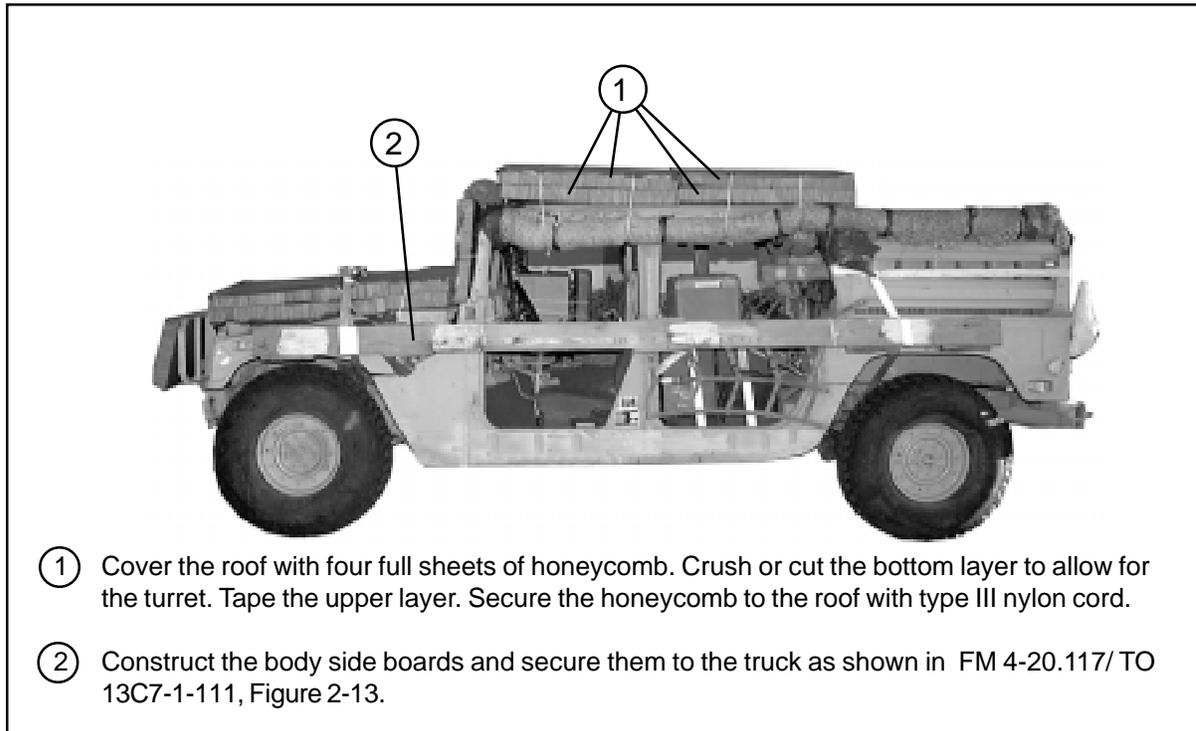


Figure 7-9. Honeycomb Roof Cover and Body Sideboards Installed

LIFTING AND POSITIONING TRUCK AND INSTALLING OPTIONAL DRIVE-OFF AIDS

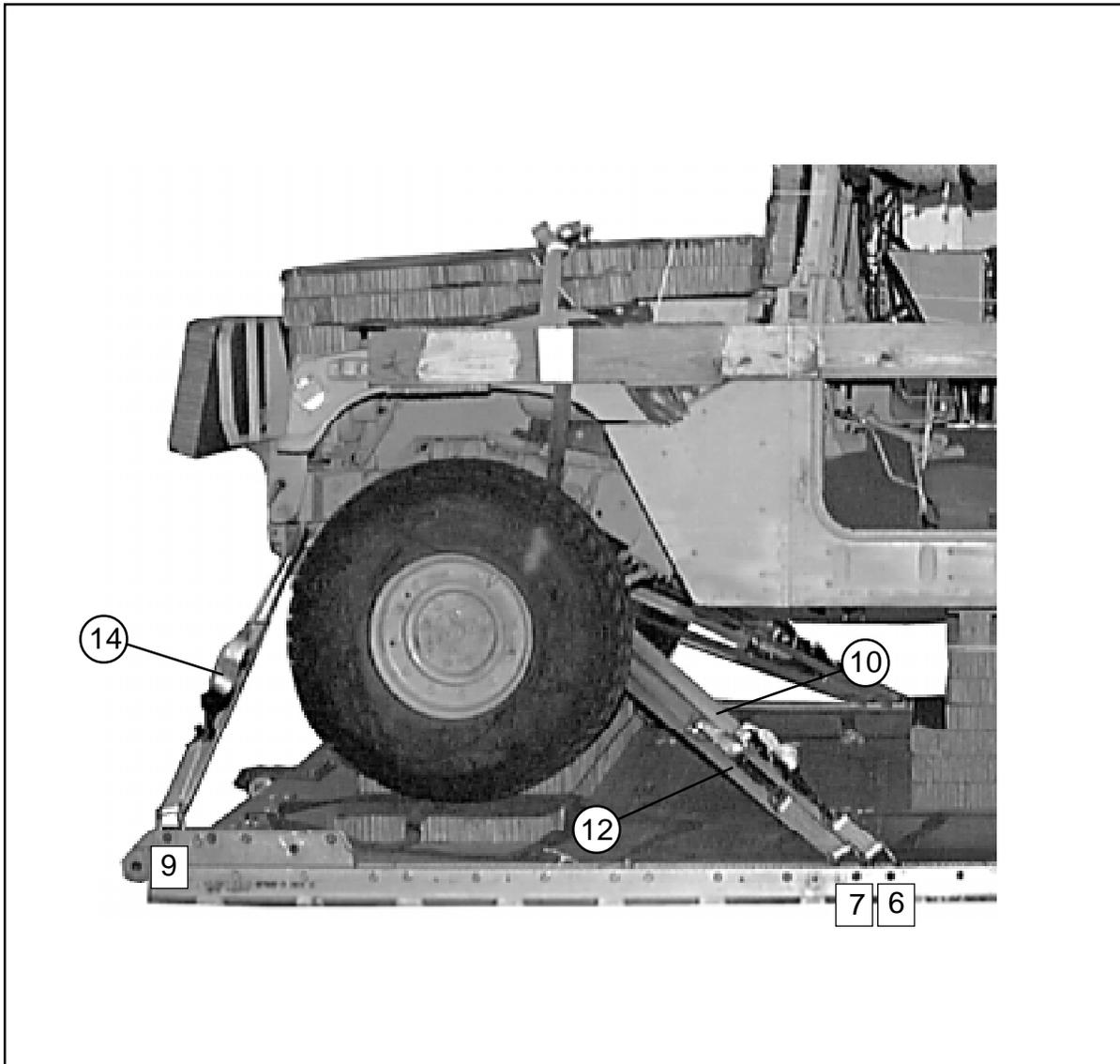
7-5. Install the optional drive-off aids on the platform as shown in Figure 2-15. Install lifting slings on the truck and position the truck on the platform as shown in Figure 2-16. Attach the drive-off aids to the wheels as shown in Figure 2-17.

LASHING TRUCK

7-6. Lash the truck to the platform with fifteen 15-foot tie-down assemblies. Install the lashings according to FM 4-20.102/TO 13C7-1-5, and as shown in Figures 7-10 and 7-11.

Lashing Number	Tie-down Clevis Number	Instructions
1	1	Pass lashing: Through tie-down bracket behind left rear coil spring.
2	1A	Through tie-down bracket behind right rear coil spring.
3	2	Through left rear lifting shackle.
4	2A	Through right rear lifting shackle.
5	3	Around left rear lower control arm.
6	3A	Around right rear lower control arm.
7	4	Through tie-down bracket in front of left rear coil spring.
8	4A	Through tie-down bracket in front of right rear coil spring.
9	5 and 5A	Pass a 15-foot lashing through clevis 5A and through its own D-ring. Pass the lashing through the hole in stack 2. Attach the lashing to clevis 5 with a load binder.

Figure 7-10. Lashings 1 Through 9 Installed



Lashing Number	Tie-down Clevis Number	Instructions
10	6	Pass lashing:
11	6A	Through tie-down bracket behind left front coil spring.
12	7	Through tie-down bracket behind right front coil spring.
13	7A	Around left lower control arm.
14	7A	Around right lower control arm.
15	9	Through tie-down bracket on end of left frame rail.
	9A	Through tie-down bracket on end of right frame rail.

Figure 7-10. Lashing 10 Through 11 Installed

INSTALLING AND SAFETY TYING SUSPENSION SLINGS

7-7. Install and safety tie four 16-foot (2-loop), type XXVI nylon suspension slings according to FM 4-20.102/TO 13C7-1-5, and as shown in Figure 2-20.

STOWING CARGO PARACHUTES

7-8. 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 7-12.

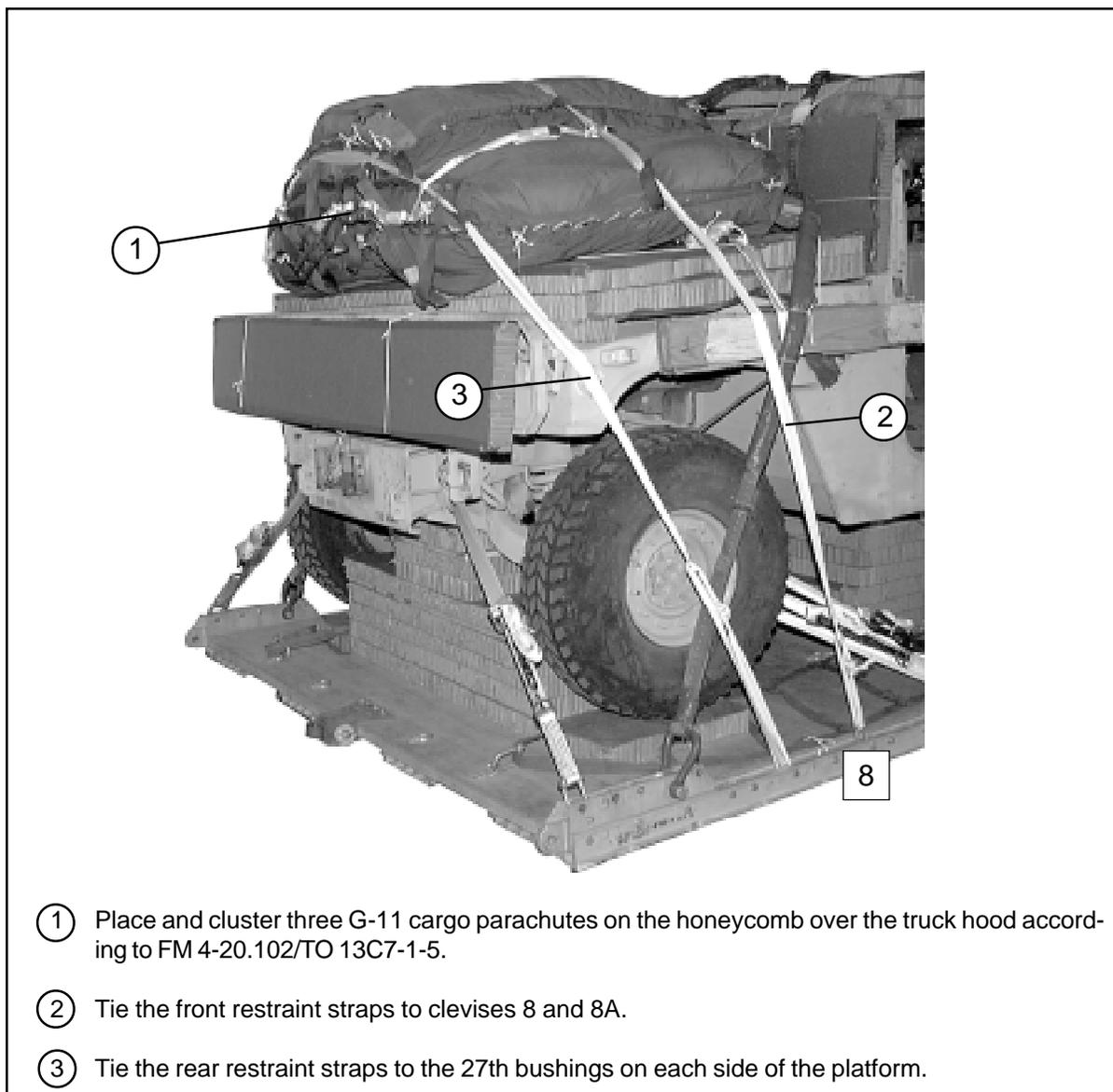


Figure 7-12. Cargo Parachutes Installed

INSTALLING PARACHUTE RELEASE

7-9. Prepare and install an M-1 cargo parachute release according to FM 4-20.102/TO 13C7-1-5, and as shown in Figure 7-13.

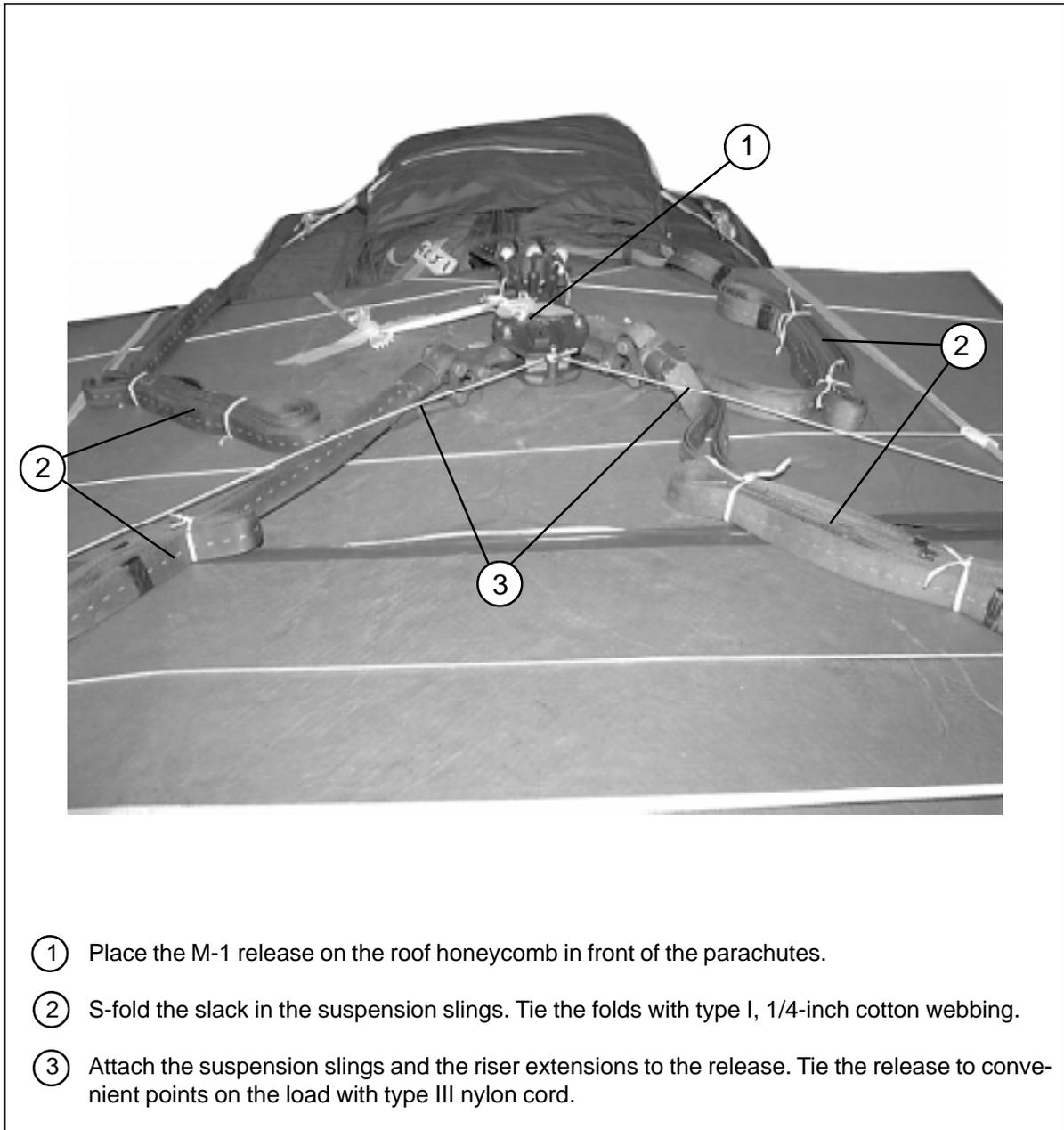


Figure 7-13. M-1 Cargo Parachute Release Installed

INSTALLING EXTRACTION SYSTEM

7-10. Install the EFTC extraction system with a 16-foot release cable according to FM 4-20.102/TO 13C7-1-5, and as shown in Figure 2-23.

INSTALLING PROVISIONS FOR EMERGENCY RESTRAINTS

7-11. Install the provisions for emergency restraints on the load according to FM 4-20.102/TO 13C7-1-5.

PLACING EXTRACTION PARACHUTE

7-12. 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.

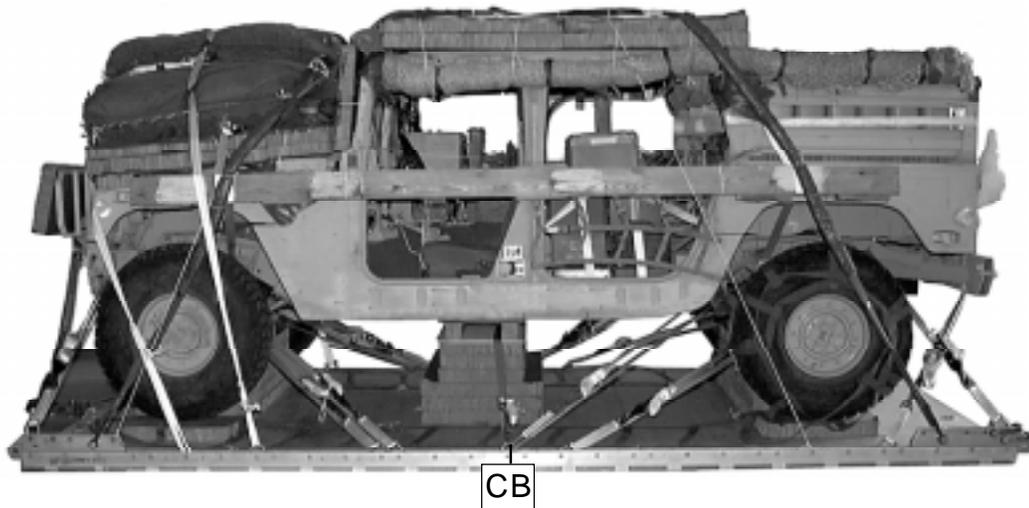
MARKING RIGGED LOAD

7-13. Mark the rigged load according to FM 4-20.102/TO 13C7-1-5, and as shown in Figure 7-14. 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

7-14. Use the equipment listed in Table 7-1 to rig this load.

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



Weight: Load shown	12,420 pounds
Maximum load allowed	14,750 pounds
Height (with three G-11 parachutes)	94 inches
Width.....	108 inches
Length (overall)	210 inches
Overhang: Front	0 inches
Rear (EFTC).....	18 inches
CB (from front edge of platform)	96 inches

Figure 7-14. Ground Mobility Vehicle Rigged for Low-Velocity Airdrop

Table 7-1. Equipment Required for Rigging Ground Mobility Vehicle for Low-Velocity Airdrop

National Stock Number	Item	Quantity
8040-00-273-8713	Adhesive, paste, 1-gal	As required
4030-00-090-5354	Clevis, suspension, 1-in (large)	5
4020-00-240-2146	Cord, nylon, type III, 550-lb	As required
1670-00-434-5785	Coupling assembly, airdrop, extraction force transfer with cable, 16-ft	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
1670-01-064-4452	Line, drogue (for C-17) 60-ft (1-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:	4
5310-00-232-5165	Bolt, 1-in diam, 4-in long	(8)
1670-00-003-1953	Nut, 1-in, hexagonal	(8)
5365-00-007-3414	Plate, side, 3 3/4-in Spacer, large	(8)
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 7-1. Equipment Required for Rigging Ground Mobility Vehicle for Low-Velocity Airdrop (continued)

National Stock Number	Item	Quantity
1670-00-753-3928	Pad, energy-dissipating (honeycomb) 3- by 36- by 96-in	13 sheets
1670-01-016-7841	Parachute: Cargo: G-11B	2
1670-01-063-3716	Cargo extraction: 22-ft (Add H-block for use with C-17.)	1
1670-01-063-3715	Drogue (for C-17) 15-ft	1
1670-01-353-8425	Platform, airdrop, type V, 16-ft	(1)
1670-01-162-2372	Bracket assembly, EFTC	(20)
1670-01-162-2376	Clevis assembly, type V	(1)
1670-01-162-2381	Bracket assembly, extraction Tandem link assembly (Multipurpose link)	(4)
5530-00-128-4981	Plywood, 3/4-in	3 sheets
1670-01-097-8816	Release, cargo parachute, M-1	1
1670-01-063-7761	Sling, cargo, airdrop For suspension: 16-ft (2-loop), type XXVI nylon webbing	4
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	2
1670-01-062-6304	For deployment: 9-ft (2-loop), type XXVI nylon webbing	1
1670-01-062-6302	For riser extension: 20-ft (2-loop), type XXVI nylon webbing	6
5340-00-040-8219	Strap, parachute release, multi-cut, comes w/ 3 knives	2
7510-00-266-5016	Tape, adhesive, 2-in	As required
1670-00-937-0271	Tie-down assembly, 15-foot	28
1670-01-344-0825	Vehicle drive-off aid	1
8305-00-268-2411	Webbing: Cotton, 1/4-in, type I	As required
8305-00-082-5752	Nylon, tubular, 1/2-in	As required
8305-00-263-3591	Type VIII	As required