

or Type III nylon cord.

(d) Secure the firing platform (if carried), hand spike, and jack to the trail assembly with Type III nylon cord.

(e) Ensure the lunette is in the extended position. Install the towing eye stop (C-clamp) on the lunette and secure in place with its retaining pins, when applicable.

(f) The sling set chain safety clamp is an additional authorized item. Refer to TM 9-1015-252-10 for NSN and installation information.

(g) When the detachable field spade is attached to the permanent spades, ensure the two locking pins are installed and locked. Route and tie a length of Type III nylon cord through the key ring of the cable and around the end of the locking pin.

(h) When moving the howitzer without an accompanying load, extend the chain on sling leg 3 by removing the chain length and coupling link from sling leg 4 and attaching them to the end of the chain on sling leg 3.

(i) When moving the howitzer with an accompany-

ing load and using sling leg 4 on the accompanying load, extend the chain on sling leg 3 by adding an additional length of chain with a coupling link from a 25,000-pound capacity sling set.

(2) **Rigging.** Rig the load according to the steps in Figure 6-8.

NOTE: When an accompanying load requires a sling leg, you may remove and use one of the inner sling legs from the sling set, leaving one sling leg attached to the lunette of the howitzer.

(3) **Hookup.** The hookup team stands beside the howitzer on the trails. The static wand person discharges the static electricity with the static wand. The hookup person places the top loop of the reach pendant onto the aircraft cargo hook. The hookup team then moves clear of the helicopter but remains close to the load as the helicopter removes slack from the sling legs. When successful hookup is assured, the hookup team quickly exits the area underneath the helicopter to the designated rendezvous point.

(4) **Derigging.** Derigging is the reverse of the preparation and rigging procedures in steps d (1) and d (2).

<p>WARNING When moving the howitzer with an accompanying load, the 25,000-pound capacity sling set must be used.</p>	<p>WARNING Accompanying loads must not exceed the weight limits of the cargo net, cargo bag, sling leg, or exceed the lift capability of the helicopter.</p>
<p>RIGGING STEPS</p>	
<ol style="list-style-type: none">1. Attach a reach pendant on the sling set apex fitting.2. Position the apex fitting and the reach pendant on the breech assembly. Route outer sling legs 1 and 2 to the wheel hubs. Route inner sling leg 3 to the lunette.3. Route the chain end of sling leg 1 around the left wheel hub. Place link 50 (when using the 10,000-pound capacity sling set) or link 40 (when using the 25,000-pound capacity sling set) in the grab hook. Pull the chain taut and ensure the chain is centered on the hub. Install the sling set chain safety clamp on the two chain links closest to the top of the wheel hub. If the sling set chain safety clamp is unavailable or if the 25,000-pound capacity sling set is being used, tie the two chain links together with 1/2-inch tubular nylon webbing. Repeat with sling leg 2 on the right wheel hub. Place link 55 (when using the 10,000-pound capacity sling set) or link 45 (when using the 25,000-pound capacity sling set) in the grabhook. Secure the excess chain with Type III nylon cord.	<ol style="list-style-type: none">4. Route the chain end of the extended sling leg 3 through the lunette. Place link 35 (when using the 10,000-pound capacity sling set) or link 28 (when using the 25,000-pound capacity sling set) in the grab hook. Secure the excess chain with Type III nylon cord5. Cluster and tie or tape (breakaway technique) the sling legs together on top of the howitzers to prevent entanglement during hookup and lift-off.6. Attach the accompanying load (if required) by routing the 3-foot, 4-loop, Type XXVI multiloop line through the eye of the sling leg attached to an A-22 or the apex fitting of a cargo net. Place a medium suspension clevis through the loop on each end of the multiloop line and attach to the provisions located under the howitzer carriage and inboard of the wheels.

Figure 6-8. M119 105-MM Howitzer, Forward/Firing Position