

CHAPTER 9 — TOWING**CONTENTS — MAINTENANCE PROCEDURES**

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TOWING

9-1. GENERAL.

1. The helicopter may be equipped for towing by attaching two ground handling wheel assemblies (3, figure 9-1) to landing gear skid tubes.

WARNING

DO NOT START ENGINES WITH AFT CROSS TUBE STRAP (4, FIGURE 9-2) INSTALLED. RED STREAMER WARNING FLAG **REMOVE CROSS TUBE STRAP** SHALL BE INSTALLED ON PILOT CYCLIC STICK ANY TIME STRAP IS INSTALLED ON SKID GEAR.

2. Helicopters with aft strap modification (T.B. 212-82-58A) incorporated may exceed 8000 pounds gross weight for towing when a cable strap with turnbuckle is installed between skid tubes.

9-2. OPERATION.

CAUTION

WHEN GROUND HANDLING OR TOWING HELICOPTER WITH STRAPPED CROSS TUBES, TAKE CARE TO PREVENT DAMAGE. PASS OVER HANGER RAILS, GROUND HOLES OR SIMILAR OBSTRUCTION SLOWLY TO LESSEN IMPACT FORCES ON HELICOPTER.

CAUTION

STRAPPING CROSS TUBES IS REQUIRED IF GROUND HANDLING OR TOWING HELICOPTER ABOVE

WEIGHTS AS SHOWN IN PARAGRAPH 1. BELOW.

1. Install strap on aft cross tube of landing gear part number and gross weight as follows:

Part Number	Type	Gross Weight
205-050-400-27	Standard	Above 8000 pounds
205-050-400-71	Standard	Above 9000 pounds
205-050-400-101	High Skid	Above 9000 pounds

CAUTION

DO NOT USE GROUND HANDLING GEAR, 212-050-200, WHEN HELICOPTER GROSS WEIGHT IS IN EXCESS OF 9500 LBS. DAMAGE TO GROUND HANDLING GEAR MAY RESULT.

2. Tie down main rotor blades (Chapter 10).
3. Install ground handling wheels as follows:

CAUTION

THE ONLY METHOD OF INSTALLATION APPROVED BY HELICOPTER MANUFACTURER (BHTI) IS WITH FIXED PINS DIRECTED FORWARD. IF REQUIRED, HELICOPTER MAY BE BALLASTED FORWARD OR IN BAGGAGE COMPARTMENT TO ACHIEVE A NEUTRAL C.G. RELATIVE TO GROUND HANDLING WHEELS.

a. Position ground handling wheels over skid tube and align attaching fixed pins with eyebolts on tube.

b. Station a person at tail skid to keep helicopter level during ground handling or towing.



**DO NOT LEAVE HELICOPTER
UNATTENDED WITH GROUND
HANDLING WHEELS IN
EXTENDED POSITION.**

c. Extend wheels on both skid tubes at same time to raise skid tubes for ground clearance.

d. Disconnect ground wire from helicopter.

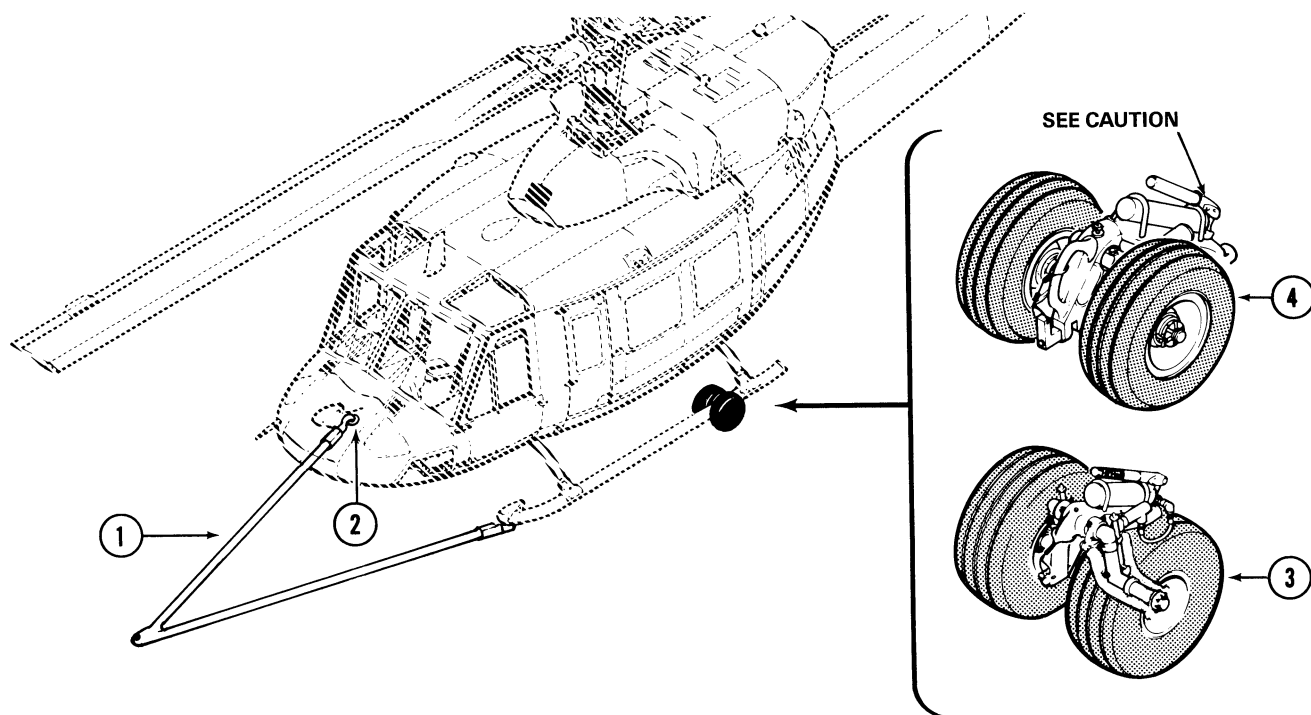
e. Tow or handle helicopter slowly. Move helicopter on wheels using tail skid to maintain balance.

4. Remove ground handling wheels as follows:

a. Lower skid tubes to the ground by retracting the ground handling wheels on each skid tube at same time.

b. Remove fixed pins from eyebolts and remove wheels from skid tubes.

c. Connect ground wire to helicopter.



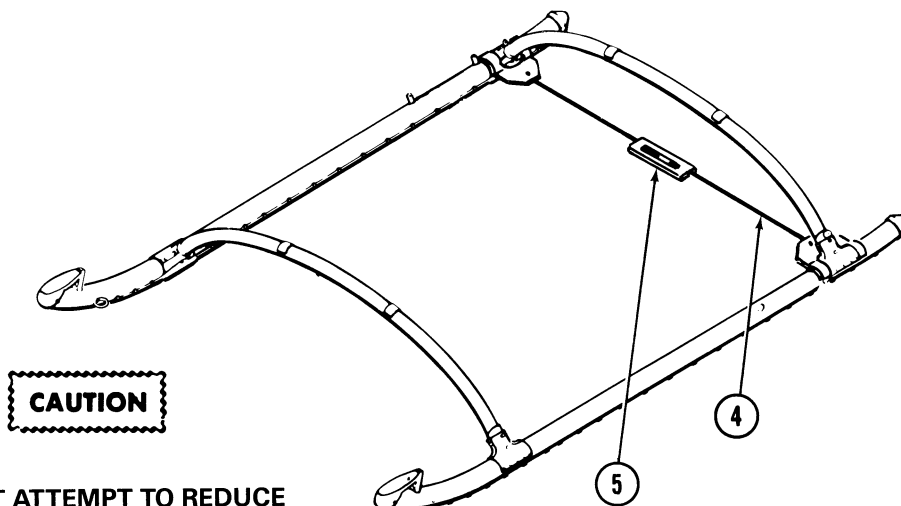
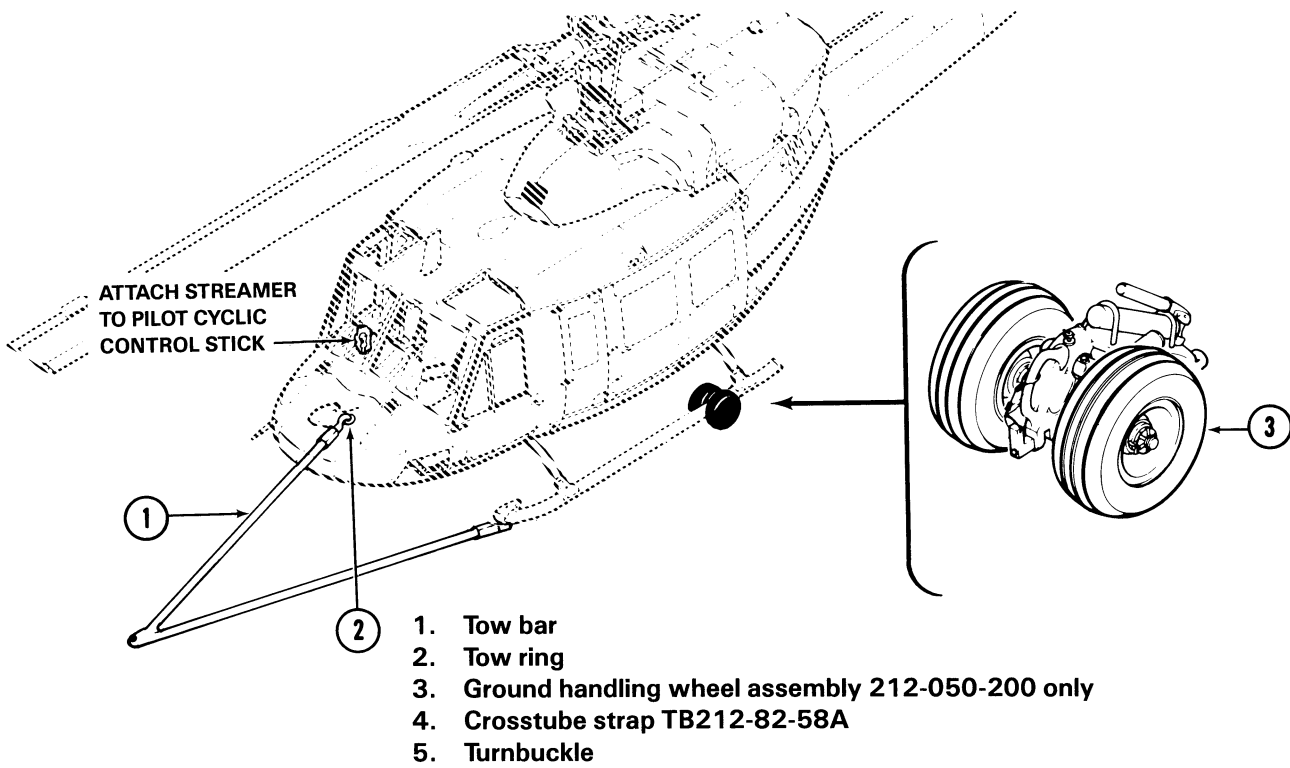
1. Tow bar
2. Tow ring
3. Ground handling wheel assembly 204-050-200
4. Ground handling wheel assembly 212-050-200
— heavy gross weight

CAUTION

USE ONLY 212-050-200 GROUND HANDLING
WHEEL FOR TOWING WEIGHTS GREATER
THEN 8,000 POUNDS.

212-M-9-1

Figure 9-1. Towing helicopter



212-M-9-2

Figure 9-2. Crosstube strap installation