

h.1 Attach pulley bracket assembly (43) to structure using four bolts (46), washers (45) and nuts (44).

i. Place cables (4) on quadrant assembly (3) and attach cables using pin (2). Secure with cotter pin (1).

CAUTION

Do not use gripping type tools (i.e. slip joint, pliers, vise grip, and etc.) to connect cable and barrel assemblies. Permanent damage to tail rotor controls may occur.

j. Attach end of cables (4) with barrel assembly (5). Secure with lockwire (6), (C155).

11-130.1 Pully Bracket-Tail Rotor Controls.

a. Removal - Tail Rotor Control Cables.

Disconnect two tail rotor control cable quick disconnects/speed rigs. Refer to paragraph 11-128. Remove attaching hardware, 3 sets of nuts (49), figure 11-29, washers (48), and bolts (47).

b. Inspection - Pulley Bracket.

Inspect Pulley Bracket (8, figure 11-29) at the two outboard attachment bolts (47) holes using a 10X magnifying glass for cracks.

c. Installation - Pulley Control Bracket.

Apply pressure sensitive tape (C287) to mating surfaces of pulley control bracket (8). Install 3 sets of nuts (49), washers (48), and bolts (47). Reconnect cable quick disconnects/speedrigs.

NOTE

A new commercially manufactured cable assembly may be used with this tail rotor control cable. This is not done for inspection.

A proper pulley for this cable is required for proper operation.

Inspect pulley for wear and signs of misalignment.

Inspect pulley for condition, security, and alignment of pulley eyelet holes.

11-130.1 Removal - Cables - Tail Rotor Controls.

a. Remove access cover (14, Figure 11-18) and remove access covers (15, 17, and 18).

b. Disconnect end of cable assemblies (4) figure 11-29) barrel assembly (5) by removing lockwire (6).

c. Remove cotter pin (7) and pin (2) affording opposite end of cable assemblies (4) to quadrant (3).

d. To facilitate removal of bolt (48), remove four nuts (49), washers (48), and bolts (47) attaching pulley bracket assembly (43) to structure.

e. Remove cotter pin (1), nut (52), washers (53), and nut (51), attaching pulley (50).

f. Remove cotter pin (7), nut (50), washers (57), and bolt (58) attaching pulley (50).

g. Remove cable assemblies (4).