

**SECTION/OPERATION**

**13**

**TAIL ROTOR DRIVE**

<u>COMPONENT</u>	<u>PROCEDURE</u>	<u>PRINT #</u>	<u>TEMPLATE</u>
TAIL BOOM (E09-2000) (see Section 6)	Re-mount tail boom	E09-2000	
TAIL ROTOR (E17-2000)	Install control cable	E17-2000 E17-2001	E17-4
TAIL ROTOR DRIVE (E18-2000)	Install belts	E09-2000	

**ROTORWAY**

TOOLS REQUIRED FOR OPERATION 13:

Adjustable wrench 10"  
Drift punch  
Mallet  
Pliers  
Protractor level  
Ratchet with sockets of the following sizes: 3/8"  
7/16"  
1/2"  
9/16"  
11/16"  
  
Side cutters  
Snap ring pliers  
Tape measure  
Wrenches of the following sizes: 3/8"  
7/16"  
1/2"  
9/16"  
11/16"

Installation of Tail Rotor Drive Belts and Cable

Refer to tail boom mounting operation in section 6 for re-mounting the tail boom.

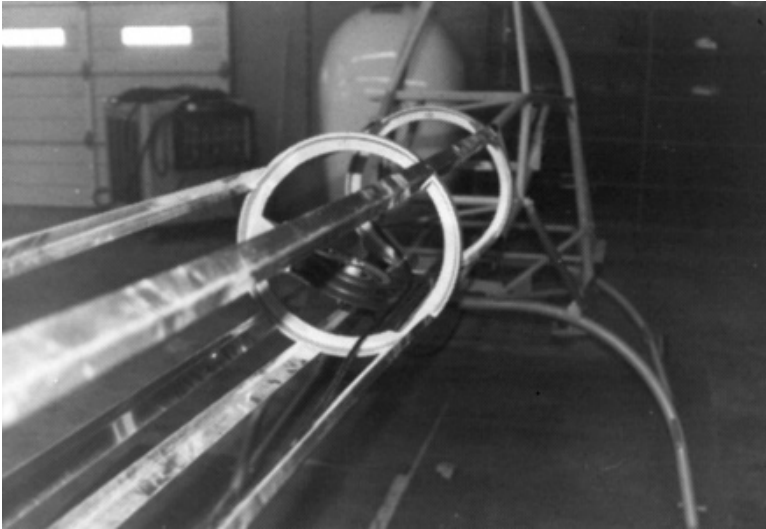


Photo #1

Mount the tail rotor control cable in the mount tube weldment, and route the cable along the bottom of the tail boom until it is at the third bulkhead. Then route it to the passenger side until it reaches the tail rotor assembly. Tie the cable to the horizontal trim fin spar to clear the belts and pulleys. (The tail boom skin is not shown in these photos for clarity.)



Photo #2

Refer to print E09-2000 for belt placement and install the belts. The horizontal trim fin spar will need to be removed on one side to allow the second belt to route properly, and the tail rotor assembly must be partially disassembled in order to install the last belt. Refer to section 6 for final tail rotor assembly, and see rigging procedures for belt tensioning.