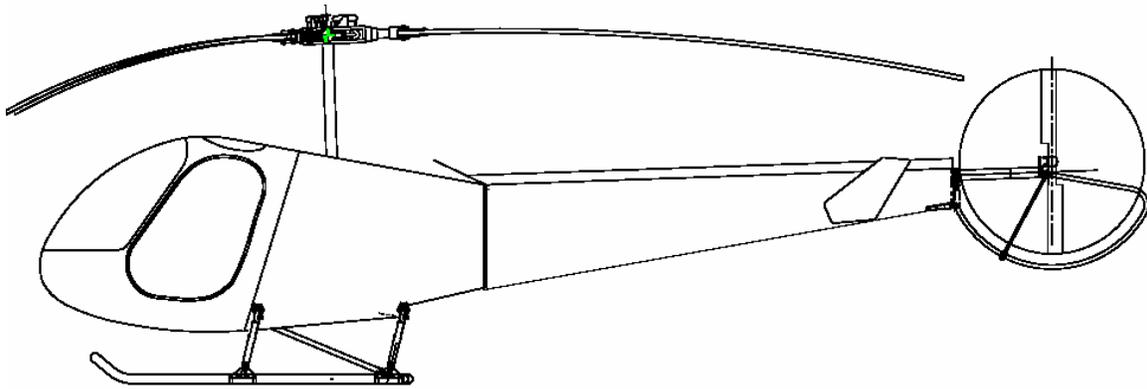


ENSTROM F28F/280F SERIES
FLOAT INSTALLATION INSTRUCTIONS
P/N 28-17326



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ENSTROM F28F/280F SERIES FLOAT INSTALLATION INSTRUCTIONS

FLOAT INSTALLATION

Installation

- A. Hoist aircraft to relax landing gear assembly.
 1. Place stands under landing gear legs (Figure 1).



Figure 1. Stands Under Landing Gear

- B. Remove ground handling wheels.
- C. Remove ground handling wheel brackets.
 1. Remove hardware (three bolts) (Figure 2).



Figure 2. Wheel Bracket Removal

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2. Turn bracket toward bottom of landing gear leg.
3. Place small bar (i.e. 7/8") into wheel axle hole and light tap bar to remove bracket (Figure 3).



Figure 3. Bracket Removal

D. Remove landing gear drag strut and hardware.

1. Remove belly panel to gain access to drag strut.
2. With hoist, take up adequate weight of the helicopter to remove the drag struts.
3. Remove drag struts (Figure 4).



Figure 4. Drag Strut Removal

E. Slightly inflate floats (inflate each compartment) half to three-quarters full.

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- F. Set forward float sleeve onto forward end of the landing gear tube.
1. Pull float slight forward to line up bottom sleeve opening with the top of the landing gear tube.
 2. Slide sleeve onto the tube (Figure 5).



Figure 5. Float Sleeve

G. Align float inboard contoured openings with the landing gear oleos.

H. Insert drag strut through opening in center inboard cell of float.

1. Reinstall drag strut hardware and torque to 60 in-lb (Figure 6).



Figure 6. Drag Strut Inserted Through Float Cell Hole

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- I. Align float girt holes to the holes on the bottom skid tube (Figure 7).



Figure 7. Float Flanges Aligned With Skid Tube

- J. Install bolts (facing inboard) through skid tube (Figure 8).
1. Forward skid tube: AN3-30A bolts, quantity 11; AN960-10 washer, quantity 22; and AN365-1032 nut, quantity 11.
 2. Aft skid tube: AN3-24A bolts, quantity 8; AN960-10L washer, quantity 16; and AN364-1032 nut, quantity 8.
 3. A second person can assist by pushing the float downward to ease installation of the bolt through the inboard girt hole. A awl may be used to help align holes.



Figure 8. Attachment of Float Girt to Skid Tube

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K. Inflate floats

1. Loosen locking screw on the inflate/deflate valve on the top of each float compartment (five valves per float).
2. Inflate float cells to operating pressure (1.0 to 1.5 psi)

L. Cinch straps around landing gear (Figure 9).



Figure 9. Cinch Straps