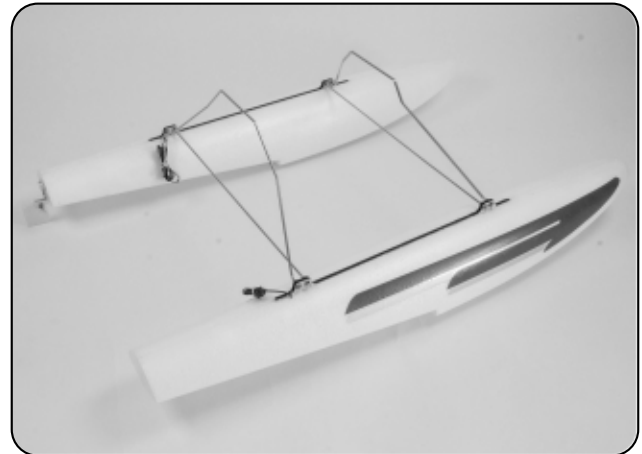## CESSNA 170 FLOAT INSTALLATION INSTRUCTIONS

Required Tools: Blue Thread Lock   Medium CA
                    1.5mm Allen Driver

Note: There are two lock collar sizes included with your float set. The two sizes are different inside diameters. The collars with the larger inside diameters (M5) are used for the front main strut (4), where the collars with the smaller inside diameters (M4) are used for the rear strut and spreader bars (12). **Always secure set screws with blue thread lock when assembling.**
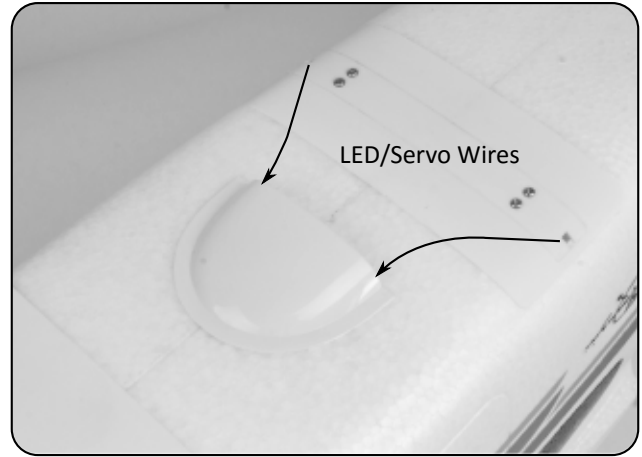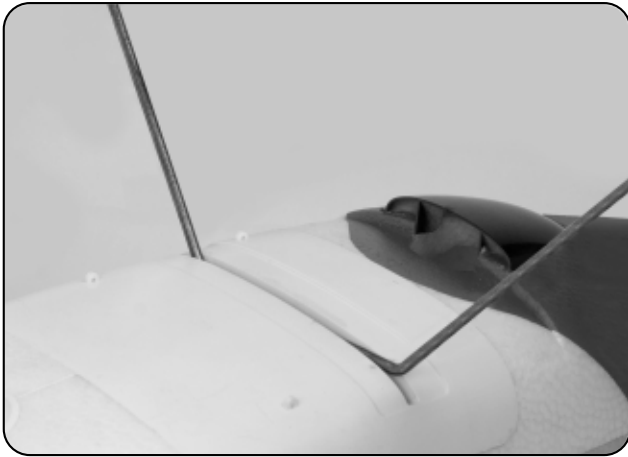

1. Secure the set screws to the flat spot closest to the middle of all of the struts and spreaders. Pay special attention to the size of the strut and inside diameter of the wheel collars. Use blue thread lock to secure the set screws in place.

2. Slide the struts through the wood mounts in each of the floats. Note that the 5mm diameter bent strut goes to the foward-most hole in the float, and angles aft as it nears the fuselage. The 4mm diameter bent strut goes in the rear-most hole, and angles forward as it nears the fuselage. Note the straight spreaders should go in the holes nearest the middle of the float.

3. Secure the set screws to the struts on the outside of the plywood mounts. Pay special attention to the size of the strut and inside diameter of the wheel collars. Use blue thread lock to secure the set screws in place.

Fully Assembled Float Set

LED/Servo Wires

4. Remove the landing gear plate, float plate and landing gear from the fuselage. Install the float struts to both the forward and rear fuselage locations. Secure the plastic plates in place with the screws provided with the airplane.

5. Secure the LED wires and water rudder servo wire to the rear strut by using high-tack or water resistant tape. Route the wires onto the fuselage and through the rear cooling hole in the fuselage. Consult the main Cessna manual for water rudder connections for your particular transmitter and receiver type. Reference the diagram below for information regarding the LED connections.

5. Use medium CA to glue the front and rear cooling hole covers on the fuselage. Note that the red cover goes over the hole in nose, and the white cover goes over the rear hole in the fuselage.

Note: LED Maximum voltage is 12.6V. Do not exceed 12.6V or damage will occur.

LED Controller

Float LED Connection

Rear Cooling Hole Cover

Front Cooling Hole Cover

www.flexinnovations.com