 <p style="text-align: center;"> <b>WIPAIRE, INC.</b>  <small>• MANUFACTURERS OF WIPLINE FLOATS &amp; SKIS          • SPECIALISTS IN AIRCRAFT MODIFICATION</small>  <small>1700 Henry Avenue - Fleming Field          South St. Paul, MN 55075          651-451-1205</small> </p>			Rev <input type="text"/>
			Date 9/5/06
Prepared by Ellen Parker	Aircraft Make / Model Cessna 172 & 172XP	Float / Ski Model 2100 & 2350	Page 1
FAA Reviewed <input checked="" type="checkbox"/>	Title Cessna 172 Heavier FWD Drag Wire Brace.		
<b>ALL INFORMATION IN THIS SERVICE DOCUMENT BASED ON FAA APPROVED DATA</b>			

**SERVICE KIT: #65**

**DATE: September 5, 2006**

**EFFECTIVITY:** Cessna 172 & 172XP on 2100 or 2350 Wipline floats.

**COMPLIANCE:** Mandatory, but with no time limits. It is required upon failure or at the owner's discretion before that.

**BACKGROUND INFORMATION:** This part has occasionally failed under extreme operating conditions requiring a repair consisting of replacing the drag wire.

**METHOD OF COMPLIANCE:** Install Service Kit #65.

**PARTS REQUIRED:** The drag fly wire assembly P/N 1002111 replaces P/N 21A02000-136. Wire pull assembly P/N 21A02462-005 replaces 21A02519-008.

**REPAIR HOURS REQUIRED:** 1 hour

**WARRANTY:** 1 Year Parts and Labor

## Instructions:

1. Remove the original drag wires.
2. Drill the fuselage fitting ( Figure 2) at the point where the drag wire attaches to the 'N' size in an alphabet drill index and then ream out to 5/16 inches.
3. Remove the original drag wire pulls (Figure 2) from the lower end of the wires and install the new ones provided with the assembly p/n 21A02462-005 onto the spreader bar.
4. Install new drag wires with the included hardware.
5. Tram the wires evenly with respect to each other's length with a tolerance of 1/16 inch in the differences of their lengths. Tighten the wires to 1 full turn past finger tight.
6. Tighten jam nuts on the wires and install the cotter pins.

**Figure 1**

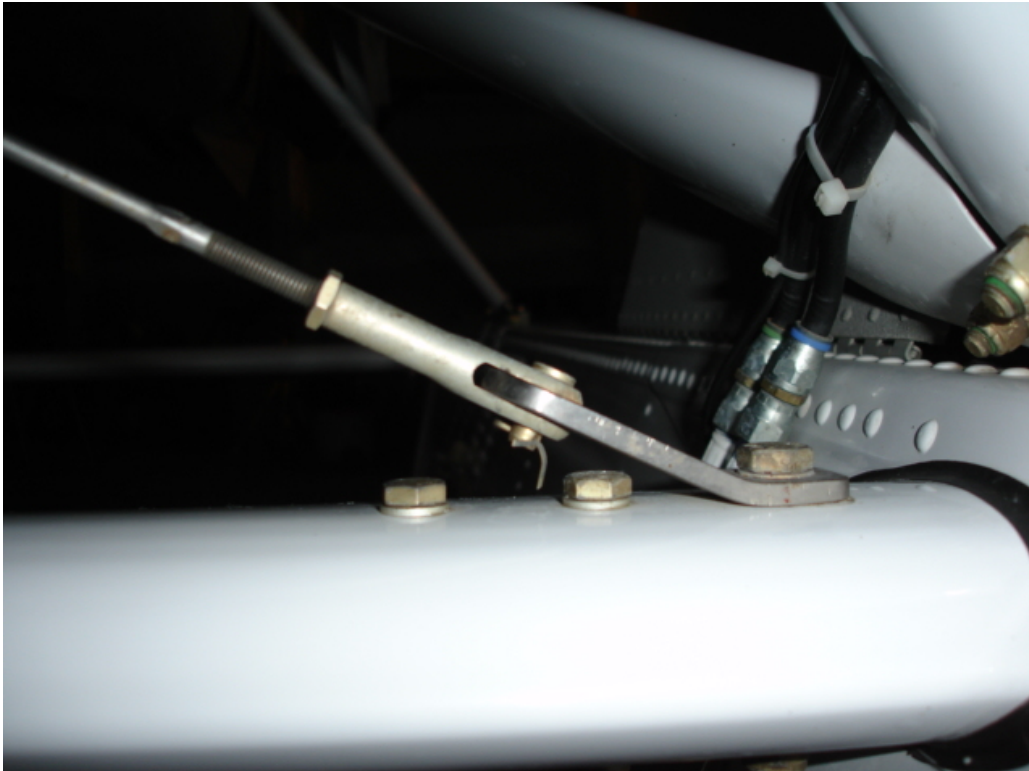


Figure 2

