



2141 ICON Way, Vacaville, CA 95688 - Tel: 707.564.4000 – www.iconaircraft.com

SERVICE BULLETIN

SB-100616 REV A

DATE ISSUED: 10/6/2016
DATE EFFECTIVE: 10/6/2016
SUPERSEDES NOTICE: None
SUBJECT: Water Rudder
AIRCRAFT AFFECTED: **MODEL:** ICON A5
S/N: 00001, 00003-00013
REQUIRED ACTION: Inspect Water Rudder Attach Fitting
TIME OF COMPLIANCE: Within 5 flight hours

PURPOSE:

There has been an occurrence where the Water Rudder Attachment Fastener has departed the airplane, allowing the Water Rudder Control Surface to become loose. The event resulted in reduced performance in the rudder system. This service bulletin provides instructions for inspecting the Water Rudder Attachment Fastener and surrounding hardware for evidence of loosening, corrosion, damage, fatigue, or wear.

WARRANTY:

N/A

PARTS LIST:

PART	DESCRIPTION	A5
Loctite 243	Medium Anaerobic Thread Locking Compound	

INSTRUCTIONS:

Notes

1. Read Service Bulletin instructions in their entirety before proceeding. Any questions regarding the interpretation of this Service Bulletin shall be forwarded to ICON Owner Support immediately.

Instructions

Perform the following inspection on the Water Rudder Control Surface Installation:

1. Remove the paired Binding Post Fastener, 97851A104, and Flat Washers, 91950A029, from the Water Rudder Control Surface Installation, as indicated in Figure 1.
2. Carefully separate the Water Rudder Control Surface (ICA000194) from the Water Rudder Pivot Flange (ICA009104) to permit inspection.
3. Check hardware, bushings, and bore for evidence of corrosion, damage, fatigue, or wear. Replace any damaged hardware. Retain all others for re-use.
4. Check for evidence of Loctite 243 (blue) on the threads of the removed fastener.
5. Report findings to ICON Owner Support.



2141 ICON Way, Vacaville, CA 95688 - Tel: 707.564.4000 – www.iconaircraft.com

SERVICE BULLETIN

SB-100616 REV A

Re-install Water Rudder Control Surface in accordance with the following instructions:

1. Locate the Rudder Control Surface (ICA000194) appropriately within the Water Rudder Pivot Flange (ICA009104).
2. Apply Loctite 243 to the threads of the Binding Post Fastener 97851A104 and re-install with Flat Washers, 91950A029. Torque to 12-15 in-lb. Follow adhesive manufacturer's recommendations for material handling, preparation, application, cleanup, and curing.
3. Rig the rudder system in accordance with the Aircraft Maintenance Manual, ICA000833. Ensure proper function before returning to service.

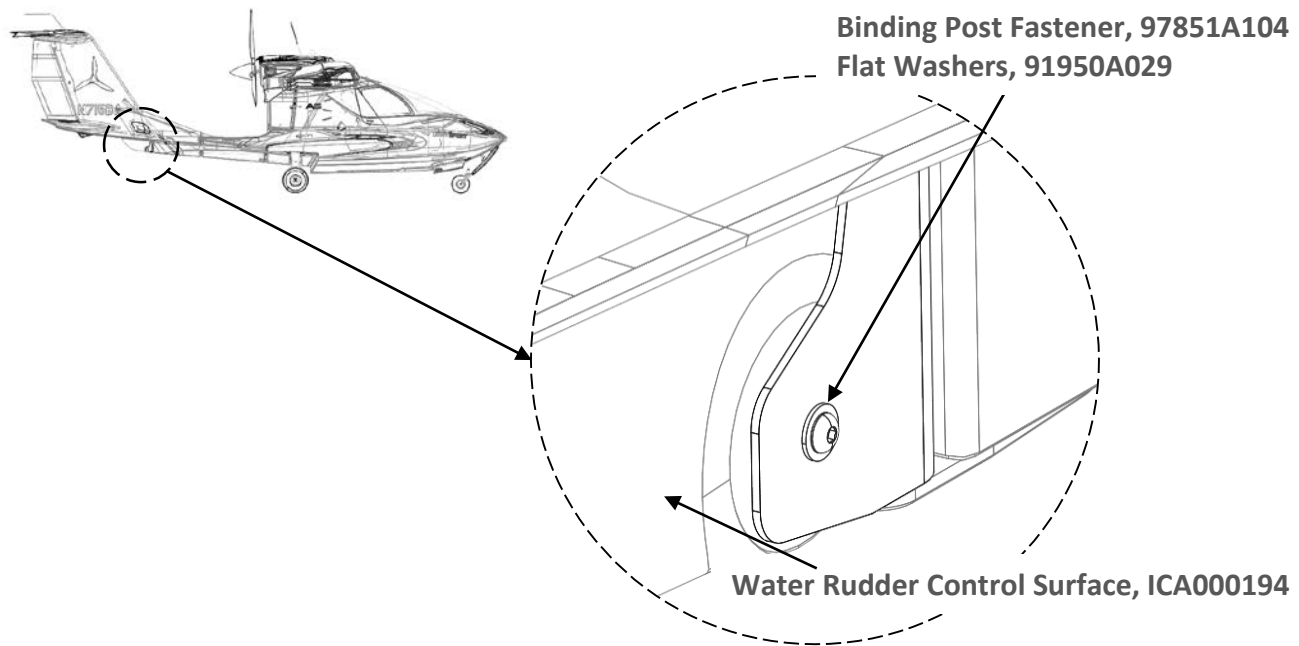


Figure 1 - Removal of Binding Post Fastener and Water Rudder Control Surface

MAKE THE FOLLOWING LOGBOOK ENTRY APPROPRIATE TO THE ACTIONS TAKEN:

"Service Bulletin SB-100616 has been complied with and reported to ICON Aircraft Owner Support".



2141 ICON Way, Vacaville, CA 95688 - Tel: 707.564.4000 – www.iconaircraft.com

SERVICE BULLETIN

SB-100616 REV A

If you are no longer in possession of this aircraft, please forward this information to the present owner/operator and notify ICON Aircraft, Owners Center at:

ICON Aircraft
2141 ICON Way
Vacaville, CA 95688
(855) FLY-ICON or (707) 564-4000
ownersupport@iconaircraft.com

Please include the aircraft registration number, serial number, your name, and if known the contact information of the new owner/operator.