



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

# SAFETY DIRECTIVE/ALERT

## SD-071719-A

**DATE ISSUED:** 07/17/2019  
**DATE EFFECTIVE:** 07/24/2019  
**SUPERSEDES NOTICE:** SD-071719  
**SUBJECT:** Elevator Pushrod to Aft Pitch Sector Installation  
**AIRCRAFT AFFECTED:** **MODEL:** A5  
**S/N:** 00001, 0004-00092, 00094-00099, 00101, 00102, 00104  
**REQUIRED ACTION:** Remove and replace with new bolt at Elevator Pushrod to Aft Pitch Sector  
**TIME OF COMPLIANCE:** Within the next maintenance intervention or 25 flight hours whichever occurs first.  
**REVISION HISTORY** Update Consumables table

### PURPOSE:

ICON is committed to designing, manufacturing, delivering, and supporting a high-quality Light Sport Aircraft, providing a level of safety well beyond expectations. ICON has experienced an anomaly of bolt attaching the elevator to the aft pitch sector was too short for full 1.5 thread protrusion through the nut plate. Although none of these events individually have resulted in a safety of flight issue, ICON believes that the bolt in question should be removed from service and replaced with a new different size bolt. This safety directive/alert covers the procedure to remove and replace the bolt at elevator pushrod to aft pitch sector with a new longer bolt. If SD-017119 has already been complied with, no further action is required as this is a clerical update to the original Safety Directive.

### PARTS LIST:

PART	DESCRIPTION	QTY
AN3C10A	BOLT, MACH, CRES, 10-32X.625	1
NAS1149C0332R	WASHER, FLAT, CRES, .203X.032, PSVT	1

### CONSUMABLES LIST:

All consumable materials shall meet all requirements defined within this MRA or within referenced engineering specifications. Equal or equivalent products may be used as necessary.

PART	DESCRIPTION	QTY
ICA012079	Inspectors Lacquer, Anti- Sabotage, Orange (Torque Stripe)	A/N
ICA012078	Anticorrosion/Lubricant/Tef-Gel	A/N

### WARRANTY:

ICON Certified Service Providers: Please submit an invoice for warranty reimbursement for labor and parts on completion of this Safety Directive/Alert. Please reference Safety Directive number SD-071719-A.

- 0.5-man hours of labor for disassembly, install of hardware, and reassembly.



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### INSTRUCTIONS:

#### Task Specific Training:

All tasks are to be performed by an ICON Aircraft, Inc. trained mechanic with an Airframe Certificate or with an LSA-Repairman Inspection and Maintenance Certificate.

#### Removal Instructions

1. Pull the Control Stick aft and strap it in place.
2. Remove Aft Round Plastic Plug from the right side of Vertical Tail to access the bolt on the pitch sector as shown.
3. Through the hole, remove the bolt and washer and ensure washer does not fall inside the Vertical Tail as shown.
4. Discard the bolt and washer.

#### Installation Instructions

1. Install elevator pushrod with a bolt (AN3C10A) and washer (NAS1149C0332R), apply lubricant to threads as shown.
2. Torque to 26 inch-lb and apply torque stripe.
3. Install removed Aft Round Plastic Plug on the Vertical Tail.
4. Unstrap the Control Stick.
5. Inspect Pitch Rigging to verify proper elevator throws in accordance with latest Maintenance Manual.
6. Verify functional operation of pitch system in accordance with maintenance manual.

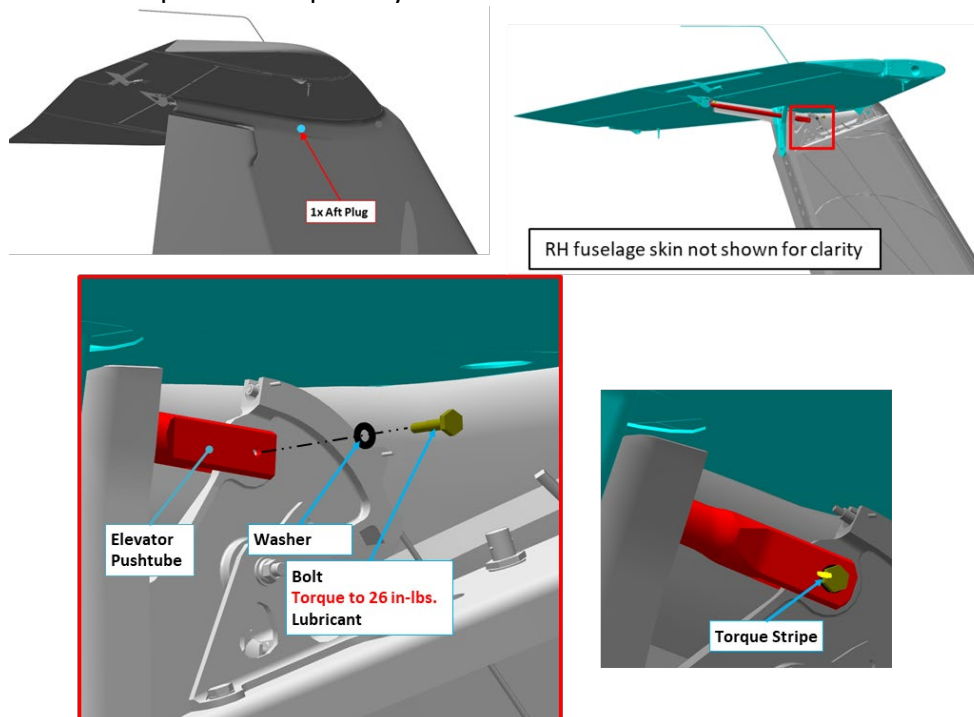


Figure 1: Removal & Installation



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## **SAFETY DIRECTIVE/ALERT**

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**Make the following logbook entry:**

“The corrective action of Safety Directive (insert referenced document number) has been complied with and reported to ICON Aircraft Customer Service and Support”.

If you need assistance relocating your A5 to your home base or temporary storage arrangements, please contact ICON Aircraft and ask for Customer Service and Support.

If you are no longer owner/operator 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  
[support@iconaircraft.com](mailto:support@iconaircraft.com)

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



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# SAFETY DIRECTIVE/ALERT

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## SAFETY DIRECTIVE APPROVAL

A handwritten signature in black ink, appearing to read "Bret Davenport".

Flight Sciences Manager

7/24/19

Bret Davenport

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