

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

SAFETY DIRECTIVE/ALERT

SD-090419-B

DATE ISSUED: 10/16/2019 **DATE EFFECTIVE:** 10/16/2019 **SUPERSEDES NOTICE:** SD-090419-A

SUBJECT:

AIRCRAFT AFFECTED: MODEL: A5

S/N: 00001 thru 00114 (inclusive), Rev B doesn't affect affect that

have already complied with an earlier revision

REQUIRED ACTION: Perform new engine start procedure during each start sequence

TIME OF COMPLIANCE: Prior to next flight

REVISION HISTORY REV A- Corrected a PDF conversion issue on the theorem range symbol

REV B- Changes the effectivity

PURPOSE:

ICON is committed to designing, manufacturing, delivering, and supporting a high-quality Light Sport Aircraft, providing a level of safety well beyond expectations. IdoN has experienced several field service difficulty reports and numerous production line non-conformance provides of one or both of the fuel pumps in the Rotax fuel pump assembly that are failing to make rated pressure. The failures are associated with Rotax Fuel Pump Assembly Part Number 889 696 Serial Numbers 18.XXXX and 19.XXXX series of fuel pump assemblies. The pump assembles fatures are typically characterized by one or both fuel pumps in the assembly failing to make rated full It is some of 43.5 \pm 3.0 PSI (3.0 \pm 0.2 bar). This is FUR PRESS / LAND AIRCRAFT light being displayed on indicated to the operator by a FUEL PRESS light the annunciator panel while the engine is running or if a FUEL PRESS caution is displayed after 6 seconds with just the pumps running. Field factores were identified by their respective operator without incident. ies and fuel pumps replaced prior to aircraft completion and All production line failures were iden delivery. To ICON Aircraft's beat information, the pumps in the affected series will only be found in Aircraft Serial Numbers 0008, and beyond. Out of an abundance of caution ICON has applied this Safety Directive/Alert to all airc art. NON. rcraft is working closely with Rotax to come to a timely resolution of this issue. To incre portunity for the operator to identify a faulty pump prior to flight, ICON Aircraft requires that the following instructions are complied with prior to next flight.

PARTS LIST:

N/A

CONSUMABLES LIST:

NI

WARRANTY:

N/A

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INSTRUCTIONS:

1) In the Pilots Operating Handbook (POH) replace the current procedure with this revised procedure:

Chapter 4 – Normal Procedures

4.4 ENGINE START

- 1. Strobes-ON
- 2. Brakes—TEST and SET
- 3. Throttle-OPEN 1/2"
- 4. Area Around Aircraft—CLEAR
- 5. Ignition Switch— A pause 6 sec confirm FUEL PRESS light Out
- 6. Ignition Switch B pause 6 sec confirm FUEL PRESS light Od
- 7. Ignition Switch BOTH confirm ENGINE + LAIN AIRCRAYT lights OUT NOTE: If lights not out, switch may have been rotated too rapidly. Shut Down and restart
- 8. Ignition Switch—to start; RELEASE as engine fire NOTE: Max crank time is 10 seconds, followed by minutes off
- 9. Throttle—ADJUST to 2000 REM
- 10. Oil Pressure—MONITOP: shytoswn is not up in 10 seconds
- 2) Prior to every flight, when conducting PCH Chapter 4, section 4.7 Engine Run-Up, confirm that there is a pause of at least 6 seconds on ignition switch A and on Ignition switch B to allow the system to display a FUEL PRESS raution on the annunciator panel. This would indicate a pump that is weak or not functioning correctly.

CAUTION — DO NOT TAKE OFF WITH A PUFL PRESS OR FUEL PRESS / LAND AIRCRAFT LIGHTS DISPLAYED AS THIS INDICATES THAT THE FUEL PRESSURE IS EXCESSIVLY LOW OR HIGH

3) On every 1ght if a FUEL PRESS and or FUEL PRESS / LAND AIRCRAFT light displays on the authoristor panel during anytime that the engine is running execute the appropriate emergency procedure in Chapter 3 of the POH.

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".

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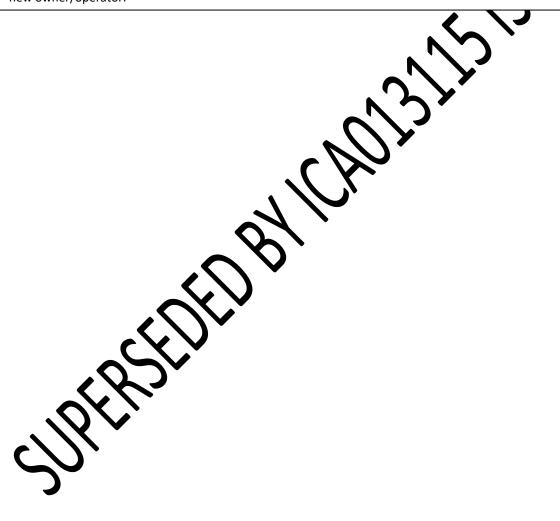
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If you need assistance relocating your A5 to your home base or temporary storage arrangements, please contact ICON Aircraft and ask for Customer Service and Support

If you have questions, comments, or concerns about this Safety Directive/Alert and/or if you are no longer owner/operator of this aircraft, please forward this information to the present owner/operator and notify ICON Aircraft 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.



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SUPERSEDED BY CANDAILS ISSUE AND