

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

SERVICE LETTER

SL-070120-A

ID NUMBER & REVISION: SL-070120-A

SUBJECT: DAC Software Upgrade Version 3.28

RELEASE DATE: 9/15/2020 **EFFECTIVE DATE:** 9/15/2020

SUPERSEDES NOTICE: N-022619 DAC Software Upgrade Version 3.24

AIRCRAFT AFFECTED: MAKE & MODEL: ICON A5

SERIAL NUMBERS: 00001-00124 (inclusive)

ACTION: None. Optional maintenance to upgrade DAC software to version 3.28

(PN: ICA010395 rev J)

TIME OF COMPLIANCE: At the Annual Condition Inspection or 100 hr. inspection, whichever

comes first from the effective date above.

REVISION HISTORY: A Initial Release

LEVEL OF CERTIFICATION □ Pilot/Owner □ A & P

REQUIRED (any level checked ⊠ LSA Repairman – Inspection □ Certified Repair Station

PURPOSE:

ICON is offering an upgrade to the Digital to Analogue Converter (DAC) software. This upgrade will allow for the illumination of both the "LAND AIRCRAFT" Caution Light and the "ENGINE" Warning Light on the Annunciator Panel if the engine oil pressure drops below minimum pressure. The illumination of the LAND AIRCAFT and ENGINE annunciator lights supplement the oil pressure gauge and its accompanying red LED light that illuminates when the oil pressure drops below minimum. This service letter provides Instructions for upgrading the DAC with the latest software revision.

WARRANTY:

ICON Service Providers: Please submit an invoice for warranty reimbursement of labor hours on completion. Please reference Service Letter number SL-070120-A.

1. Removal of DAC, upgrade of software as per instructions and reinstallation of DAC – 0.5-hour labor.

ASSEMBLIES AND PARTS:

PART NUMBER	DESCRIPTION	OLIANITITY	ALTERNATE	
PARI NUIVIDER	DESCRIPTION	QUANTITY	PART NUMBER	DESCRIPTION
N/A				

IF APPLICABLE, SERVICE KITS:

KIT NUMBER	CONTENT PARTS	DESCRIPTION	QUANTITY
N/A			

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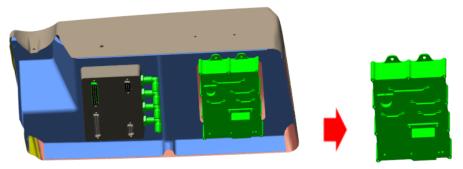
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INSTRUCTIONS:

Contact ICON Support or your Customer Advocate to coordinate the software update with your ICON Service Provider.

- 1. It is permissible to disassemble the aircraft as required to permit accessibility, inspection, adjustment, maintenance, and repair in accordance with the latest release of the Aircraft Maintenance Manual, ICA000833.
- 2. Remove the Right Instrument Panel Top Panel.
- 3. Disconnect the five electrical connections going to the Digital to Analog Converter (DAC).
- 4. Remove the DAC by removing four 8-32 screws (8C50MTT3) with a T15 Torx driver, two at top, and two at bottom of the DAC. Retain hardware.



- 5. Prepare DAC for shipment, ensure sufficient packaging used to prevent damage during transit. Cover connection ports to prevent FOD/damage.
- 6. Ship the DAC Unit to ICON for the software to be updated.
- 7. Re-install DAC unit to Right Crossbeam. Apply lubricant, ICA012078, to 4x 8-32 screws prior to installation.
- 8. Torque 4x 8-32 screws (8C50MTT3) to 13 in-lbs.
- 9. Re-install the five electrical connections going to the DAC.
- 10. Re-install the Right Instrument Panel top.

Task Specific Training:

All tasks are to be performed by an ICON mechanic or an A&P or LSA-RM Certificate mechanic who has completed the ICON Aircraft A5 Maintenance and Service Training course.

After Instructions completed, make the following logbook entry:

"The instructions of Service Letter (SL-070120-A DAC Software Upgrade Version 3.28) have been complied with (ref. FAA Exemption 10829B).

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If you have questions, comments, or concerns about this Service Letter 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
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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