

2141 ICON Way, Suite 100, Vacaville, CA 95688 - Tel: 707.564.4000 - www.iconaircraft.com

SERVICE LETTER SL-072224-A

ID NUMBER & REVISION:	SL-072224-A								
SUBJECT:	Canopy Latch Leak Mitigation								
RELEASE DATE:	19 August 2024								
EFFECTIVE DATE:	19 August 2024								
SUPERSEDES NOTICE:	N/A								
AIRCRAFT AFFECTED:	MAKE & MODEL: A5								
	SERIAL NUMBERS: 00001-00224								
ACTION:	Apply sealant over the canopy latch screws to resolve and/or prevent								
	water intrusion into the cockpit.								
TIME OF COMPLIANCE:	Unspecified								
REVISION HISTORY:	A Initial Release								
LEVEL OF CERTIFICATION	[Pilot/Owner	\boxtimes	A & P				
REQUIRED (any level chec	ked [LSA Repairman – Inspection	\boxtimes	Certified Repair Station				
can perform task):		\times	LSA Repairman – Maintenance	\boxtimes	Manufacturer				

PURPOSE:

ICON has received service reports of water intrusion into the cockpit. ICON has identified that the canopy latch screws can interfere with the main canopy seal, so a solution has been developed to mitigate the potential leak path. This solution may be implemented as a preventative measure or after identification of a leak.

The location of the leak path may cause water to leak onto the headset(s), which has been observed to cause a "hot mic" which interferes with incoming communications. This is usually identified on the ground prior to flight.

WARRANTY:

For aircraft covered by the ICON Limited Warranty, ICON will cover parts and labor up to 0.5 hours.

Please submit an invoice for warranty reimbursement for labor upon completion of this Service Letter. ICON will cover costs as identified, if the Service Letter is adhered to in its entirety within the warranty period. Please reference Service Letter number SL-072224-A.

PART	DESCRIPTION		ALTERNATE		
NUMBER	DESCRIPTION	QUANTITY	PART NUMBER	DESCRIPTION	
A-85	ADHESIVE, URETHANE, HIGH STR, HARDMAN	As Needed			
TT-I-735A	Isopropyl Alcohol	As Needed	Or Equivalent		

ASSEMBLIES AND PARTS:



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INSTRUCTIONS:

- 1. Clean region around and over canopy latch screw heads using isopropyl alcohol.
- 2. Mix and apply A-85 sealant per manufacturer's instructions to the screw head and adjacent surfaces of the Center Wing Skin. Sealant application must completely encompass the screw head and adjacent surface with no imperfections to prevent water ingress into cockpit. The sealant application should be smooth, round in shape, no larger than .50 diameter, with a .10 maximum height.
- 3. Allow 2 hours for adhesive to reach full cure.
- 4. With one person inside the cockpit, pour water (approx. 1 gallon) over the closed and locked canopy. Verify no leaks can be seen from inside the cockpit.



Figure 1. Sealant Applied Over Screw Heads

If applicable, make the following logbook entry:

"The instructions of Service Letter SL-072224-A (Canopy Latch Leak Mitigation) have been complied with (ref. FAA Exemption 10829C)".



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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, Suite 100 Vacaville, CA 95688 (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.