



Vacaville, CA 95688 -

SERVICE LETTER

SL-081221-A.DOCX

ID NUMBER & REVISION: SL-081221-A
SUBJECT: Reminder: Mitigation of air contamination in engine lubrication system.
RELEASE DATE:
EFFECTIVE DATE:
SUPERSEDES NOTICE: N/A
AIRCRAFT AFFECTED: **MAKE & MODEL:** ICON A5
SERIAL NUMBERS: All
ACTION: None. Optional maintenance item.
TIME OF COMPLIANCE: Recommend at next maintenance action.
REVISION HISTORY: A Initial Release

LEVEL OF CERTIFICATION	☐ Pilot/Owner	☐ A & P
REQUIRED (any level checked	☐ LSA Repairman – Inspection	☐ Certified Repair Station
can perform task):	☐ LSA Repairman – Maintenance	☐ Manufacturer

PURPOSE:

ICON has been made aware that air entering the engine lubrication system could lead to potential failure of valvetrain components. Following the correct procedures when performing any installation, maintenance, repair, and overhaul activities on the engine has been shown to minimize the occurrence of this situation.

Additionally, certain uncoordinated or unloaded flight maneuvers should be avoided as they can lead to air entering the lubrication system. One such incident in an ICON A5 resulted in loss of engine power in flight and an emergency landing.

INSTRUCTIONS:

1. Review BRP-ROTAX service instruction [SI-912 i-004R3](#) "Purging of lubrication system for ROTAX Engine Type 916 i (Series), 915 i (Series), 912 i (Series), 912 and 914 (Series)"
2. If performing any maintenance on above listed aircraft, make sure to follow the procedures listed in [SI-912 i-004R3](#) as well as any maintenance or installation manuals provided by ICON Aircraft or [BRP-ROTAX](#)
3. Do not perform uncoordinated flight maneuvers in which the bank angle is greater than or equal to 40 degrees, or maneuvers which can result in zero G or negative G loading on the aircraft. Examples include:
 - a. Heavy side slips with more than 40 degrees of bank angle.
 - b. Uncoordinated turns with more than 40 degrees angle of bank.
 - c. Accelerated nose down or "zero G" maneuvers.
4. Coordinated turns with Bank angles of 40 degrees or more are acceptable.
5. Side slips with less than 40 degrees of bank are acceptable.



[REDACTED] Vacaville, CA 95688 - [REDACTED]

SERVICE LETTER

SL-081221-A.DOCX

6. If any of the aforementioned maneuvers were performed in flight, proceed to SI-912 i-004R3 for instructions on purging the lubrication system.
7. If service of the lubrication system was performed recently and that service required purging of the lubrication system, please contact the service provider to ensure it was completed per SI-912 i-004R3.

If applicable, make the following logbook entry:

“The instructions of Service Letter (SL-081221-A) have been complied with (ref. FAA Exemption 10829B) and reported to ICON Aircraft Owner Support”.

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

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
[REDACTED]
Vacaville, CA 95688
[REDACTED]

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