



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

SERVICE BULLETIN

SB-072816 REV A

DATE ISSUED: 7/28/2016
DATE EFFECTIVE: 7/28/2016
SUPERSEDES NOTICE: None
SUBJECT: Oil and fuel line installation inspection
AIRCRAFT AFFECTED: **MODEL:** ICON A5
S/N: 00001, 00003 - 00010
REQUIRED ACTION: Inspect flexible engine compartment fuel and oil lines and replace if damaged.
TIME OF COMPLIANCE: Immediately

PURPOSE:

It was discovered during post flight check that ASN00004 had engine oil on the vertical stabilizer, horizontal stabilizer, propeller, spinner, and general engine compartment area. Upon inspection, the oil supply line from the oil cooler to the engine oil pump was pressed against the forward left exhaust header and had a hole burned into it.



Oil was discover leaking from the burnt hole.

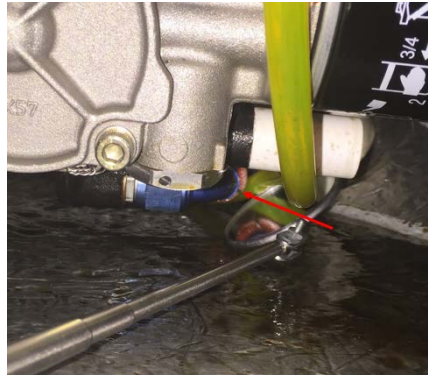


2141 ICON Way, Vacaville, CA 95688 - Tel: 707.564.4000 – www.iconaircraft.com

SERVICE BULLETIN

SB-072816 REV A

Inspection also revealed a crack in the oil return line fitting sheath on the engine side.



The line was removed from the aircraft and pressure checked. No leakage was present. Although there have been no customer safety or performance notifications from a leaking oil or fuel line, to date, ICON Aircraft is implementing a solution to prevent possible leakage as a result of damage to the lines. This Service Bulletin is to provide instructions on how to inspect line installation and determine if line replacement is needed.

WARRANTY:

N/A

PARTS LIST:

PART	DESCRIPTION	A5
124J012E0274D060	HOSE ASSY, ENGINE-RESERVOIR	
124J012E0206D270	HOSE ASSY, RESERVOIR-THERMOSTAT	
124J002-8D-0270	HOSE ASSY, ENGINE-THERMOSTAT	
124J001-6D-0240	FUEL LINE, FEED, STRT-STRT, AN-6X24.0	
124J003-6D-0240	FUEL LINE, FEED, STRT-45DEG, AN-6X24.0	

INSTRUCTIONS:

1. Remove engine cowling per ICON maintenance manual.

SERVICE BULLETIN

SB-072816 REV A

2. Inspect all flexible oil and fuel lines from parts list for clearance and wear contact. These lines are located in the engine compartment. All lines listed in parts list must have .5" minimum clearance from any exhaust system components (headers and mufflers) in installed state.



3. Proceed to either condition 1 or condition 2 based on inspection findings.

Condition 1: If inspection reveals clearance below minimum or lines are in contact

1. Drain engine oil per ICON A5 maintenance manual.
2. Remove line with min clearance violation.
3. Inspect entire length of line for signs of damage or burn marks.
4. If damage is found discard line and replace with new.
5. If no damage is found, re-install line and ensure clearance from line to exhaust system components is equal to or greater than .5".
6. Perform oil change per ICON A5 maintenance manual.
7. Re-install engine cowling

Condition 2: All lines have adequate clearance with exhaust system

1. Re-install engine cowling

MAKE THE FOLLOWING LOGBOOK ENTRY:

"Service Bulletin SB-072816 has been complied with and reported to ICON Aircraft Owner Support".



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

SERVICE BULLETIN

SB-072816 REV A

If you are no longer in possession 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
ownersupport@iconaircraft.com

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