



Quality aircraft since 1974

SERVICE LETTER - July 2014

Issue Date

Tuesday, July 22, 2014, Rev 1

Subject/Purpose

Corrosion inspection

Affected Models

All

Compliance Time

Within the next 50 hours

Maintenance

As per AC 43.13 and CH2000 Service Manual. Also see “**SERVICE BULLETIN February 2011**”

Required Parts

None

Inspection Frequency

Annual

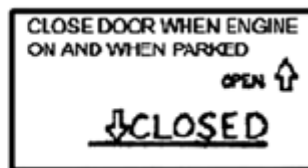
Subject/Purpose

Zenair Ltd was made aware of a canopy door hinge getting damaged due to corrosion and possible excessive wear.

Preventative Measures

Inspect the door hinges at the canopy for corrosion and or deformation. If the doors are not closed fully when engine is ON, wind loads could damage the door hinges.

- Beside the red door handles:



Above label must be installed on the inside of the doors. Service Letter of October 08-02 already addresses this label.

As many CH2000 aircraft are now more than 10 years old, it is important to properly inspect the aircraft for corrosion. **All moving parts must be lubricated and free of corrosion.** Following page is from the Service Manual and is a general purpose chart that does not cover all items to be lubricated. Cabin controls such as the rudder pedals and yoke system are not shown on the chart but **MUST** be inspected and lubricated.

LUBRICATION CHART
FOR
ZENAIR CH-2000

COMPONENT	HOURS	LUBRICANT	COMPONENT	HOURS	LUBRICANT
HORIZONTAL TAIL HINGES	100	▽	HORIZONTAL TAIL PULLEYS	150	▽
HORIZONTAL TAIL TRIM TAB	100	▽	CABIN DOOR HINGES AND SUPPORT	100	▽
RUDDER HINGES AND HORN	100	▽	SEAT ADJUSTMENT	100	▽
TRIM TAB MECHANISM	100	▽	CONTROL COLUMN	100	▽
ACCESS DOOR HINGES	100	▽	BRAKE MASTER CYLINDERS MAINTAIN FLUID	50	○
ADLERON AND FLAP TORQUE TUBE, PULLEYS, BELLCRANK, FLAP MECHANISM	100	▽	RUDDER PEDALS	100	▽
LEFT AND RIGHT HINGES	50	▽	NOSE WHEEL STEERING	100	▽
MAIN WHEEL BEARINGS LEFT AND RIGHT	100	□	NOSE WHEEL BEARING	100	▽
			ENGINE OIL TANK DRAIN AND REFILL	50	ENGINE

NOTE

MISCELLANEOUS - DURING ROUTINE MAINTENANCE CHECKS, APPLY LUBRICATION TO MISCELLANEOUS LINKAGES AND ALL PARTS WITH RELATIVE MOTION

LEGEND

- ▽ MTL-1-7870 OIL-GENERAL PURPOSE LOW TEMP. LUBRICATION
- △ MGL-L-711 GREASE-LUBRICATION GENERAL PURPOSE AIRCRAFT
- MGL-L-344 GREASE-LUBRICATION HIGH TEMP.
- MGL-0-3606 HYDRAULIC FLUID (RED)
- ENGINE SAE 15 W/ 50 or 20 W/ 50 SEE L1 COMBING SERVICE INSTRUCTIONS NO. 1014 FOR USE OF DETERGENT OIL.

CAUTIONS

1. DO NOT USE A HYDRAULIC FLUID WITH A CASTOR OIL OR ESTER BASE
2. DO NOT OVER-LUBRICATE
3. DO NOT APPLY LUBRICANT TO RUBBER PARTS