	SAFETY ALERT
	SA-ASTM-CT__-01; SA-ASTM-CT2k-01; SA-ASTM-CTSW-01 Revision 0
Flight Design GmbH Sielminger Str. 65 D-70771 L.-Echterdingen Tel +49 (0)711 90287-0 Fax +49 (0)711 90287-99 E-Mail: info@flightdesign.com	Date of Initial Publication: 15-Oct-2008 Publication Date of this Revision: 15-Oct-2008

SAFETY ALERT

Engine Mount Bolts

**SA-ASTM-CT__-01;
SA-ASTM-CT2k-01;
SA-ASTM-CTSW-01**

1 Planning Information

1.1 Affected Aircraft

Type: CT
 Model: CT, CT2k, CTSW
 Serial Number: All serial numbers
 Applicable Countries: All Countries where ASTM standards are in effect

1.2 Concurrent Documents

None

1.3 Reason

Re- issue of existing document in order to implement it to the new Service document numbering system

1.4 Subject

All information see paragraph 3

1.5 Compliance

All information see paragraph 3

1.6 Personnel Qualifications


All information see paragraph 3

1.7 Approval

All information see paragraph 3

1.8 Weight and Center of Gravity

All information see paragraph 3

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1.9 References

All information see paragraph 3

1.10 Superseded Documents

Technical Advice No. 8

Safety Directive No. 8

1.11 Contact Details

For further information or to report any Safety of Flight or Service Difficulty issues contact your Distributor responsible for your country.

Specific contact in USA:

Flight Design USA
 P.O. Box 325 South Woodstock, CT 06267
 Tel: 860 963 7272 / Fax: 860 963 7152
 Web: www.flightdesignUSA.com
 E-Mail: airworthiness@flightdesignUSA.com

For all other countries and in cases where the local distributor is not known or available contact Flight Design GmbH directly.

2 Resources

2.1 Materials

All information see paragraph 3

2.2 Manpower


All information see paragraph 3

2.3 Cost

All information see paragraph 3

3 Instructions

The following is the 1:1 copy of the existing document following the old numbering system.

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FLIGHT DESIGN USA SAFETY DIRECTIVE No.8

Engine Mount Bolts

SAFETY ALERT

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Airworthiness@flightdesignusa.com

- Pages: Two (2)
- Supersedes: Technical Advice No.8, Dated June 1st, 2005
- Re-issue to conform to ASTM format
- Date Issued: January 1, 2006
- Date Effective: January 1, 2006
- Scope: CT, CT2K, and CTSW in all versions up to and including serial No. 05-05-01

Discussion


Three aircraft were found to have partially loosened engine mount bolts that connect the Small Engine Frame to the engine.

Corrective Action

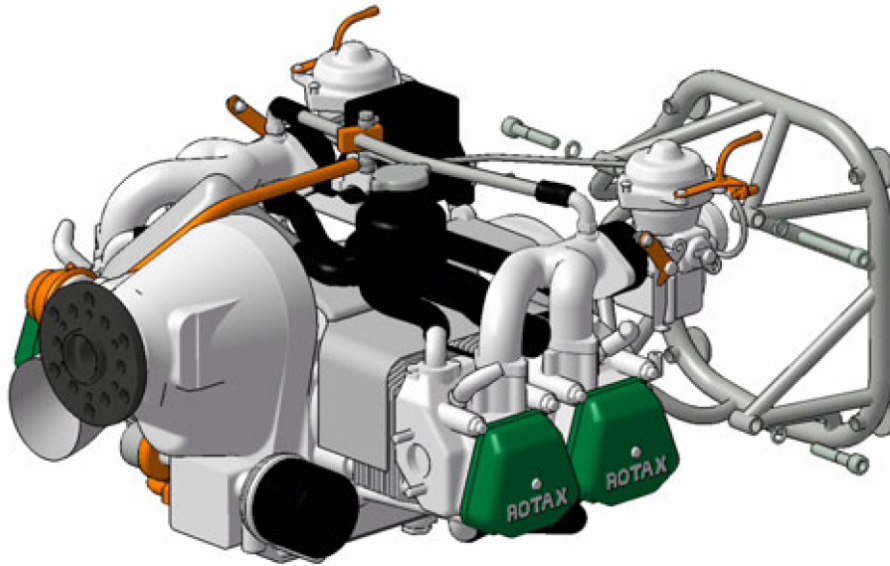
Change the torque moment of the bolts (part No. C9996511 & C9996098F), which connect the Small Engine Frame to the engine. The original torque moment was 30 Nm. (22ft.lbs). The new Rotax recommended values are a minimum of 35 Nm. (25.8ft.lbs), not to exceed 40 Nm. (29.5ft.lbs).

The Maintenance and Inspection Procedures Manual will be revised to:

1. Reflect the new torque values
2. Clarify the need to check the engine mount bolts during the specified inspection intervals.


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Information



Reminder

Flight Design reminds the Owner/Operator of a Flight Design aircraft that compliance with all Safety Directives, Aircraft Operating Instructions, Maintenance Manuals as well as the reporting of any and all Safety of Flight or Service Difficulties by the Owner/Operator is *mandatory* for the operation of an S-LSA aircraft.

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4 Appendix

4.1 Changes to Previous Revision

No content changes – re-issue of existing document to new numbering system

4.2 Feedback Template Flight Design

All information see paragraph 3