

FLIGHT DESIGN USA SAFETY DIRECTIVE No.8

Engine Mount Bolts

SAFETY ALERT

Flight Design USA

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- 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.

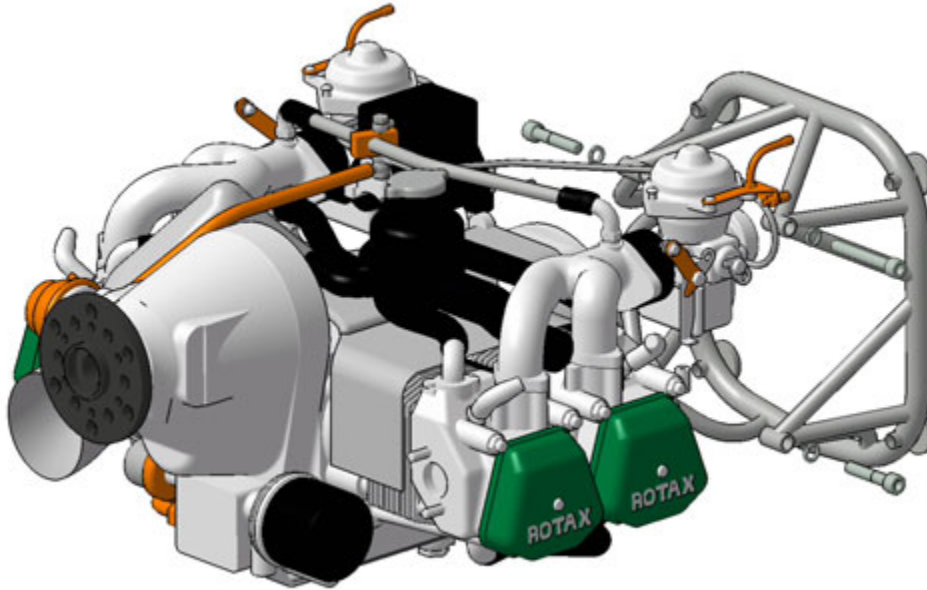
Corrective Action

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.

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.