

Using Blue Loctite on Hangblock

SD-1009

Evolution Trikes

July 22, 2012

Status: Mandatory

Background:

In some limited cases, the six flat head allen bolts on the hangblock have been backing out over time. (Note: there are two types of hangblocks depending on serial number)

Scope:

The following serial numbers of the Revo weight-shift-control aircraft are affected by this safety directive:

001000 – 001016

Authorized Persons:

An owner/operator is allowed to execute this safety directive in accordance with the instructions in this directive.

Tools and Aritcles Required:

- 1) 5/32" allen wrench
- 2) Blue Loctite 242

Compliance:

Compliance is mandatory and has to be achieved immediately prior to next flight.

This is how to comply with this directive.

Step 1: Remove only (1) allen bolt

Step 2: Loosen other (5) bolts one turn

Step 3: Clean removed bolt with brake cleaner or similar cleaner

Step 4: Apply Blue Loctite 242 to allen bolt

Step 5: Reinstall allen bolt until snug then back out one turn

Step 6: Repeat for the remaining (5) bolts

Step 7: Tighten all (6) bolts until tight

Testing:

- Visually inspect the bolts on every pre-flight. (Note: heads will be countersunk approximately 1/16") A loose bolt can be identified visually.

Logbook Entry:

Aircraft logbook should be marked with the following entry and dated and signed with mechanic's or pilot owner/operator's license number (if applicable):

*"Safety directive 1009 from the manufacturer satisfied as per instructions.
Compliance with ASTM standards is maintained"*