Subject : Deflector for propeller in engine compartment

Effectivity : DG-1000T, all ser. no.'s

Accomplishment : If possible prior to next flight, latest until August 31.2007

Reason : An occurrence happened during flight with a DG-1000T. The propeller tip rotated underneath the right hand engine retaining cable and prevented extension of the powerplant.
A piece of foam rubber shall be glued to the existing deflector to limit the rotation of the propeller to make such occurrence impossible.

Instructions :
- Extend the powerplant.
- Degrease the surface of the deflector where the foam rubber should be glued to with Acetone or cleaning solvent
- Apply contact adhesive (e.g. Pattex) to the gluing surfaces of deflector and foam rubber. Let dry for approx. 10 minutes.
- Press the foam rubber firmly onto the deflector, note that pressure but not the duration is important for proper bonding.
- Rotate the propeller against its direction of rotation so far that you reach the switching point which switches the pictogram in the DEI from propeller vertical to not vertical. Retract the engine with the manual switch and make sure that the propeller blade doesn't interfere with the foam rubber. Otherwise adjust the proximity switch according to MM section 1.15.14.

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Material :
- Foam rubber NK-quality, black, 65x80x10 mm³ (BxHxT)
- Contact-adhesive, e.g. Pattex
- Acetone or cleaning solvent

Weight and balance : influence negligible

Remarks : The instructions may be executed by the owner himself.

Bruchsal, date:
July 17.2007

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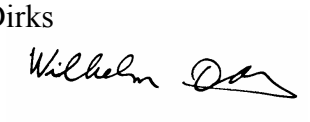




Photo 1: engine compartment, powerplant retracted

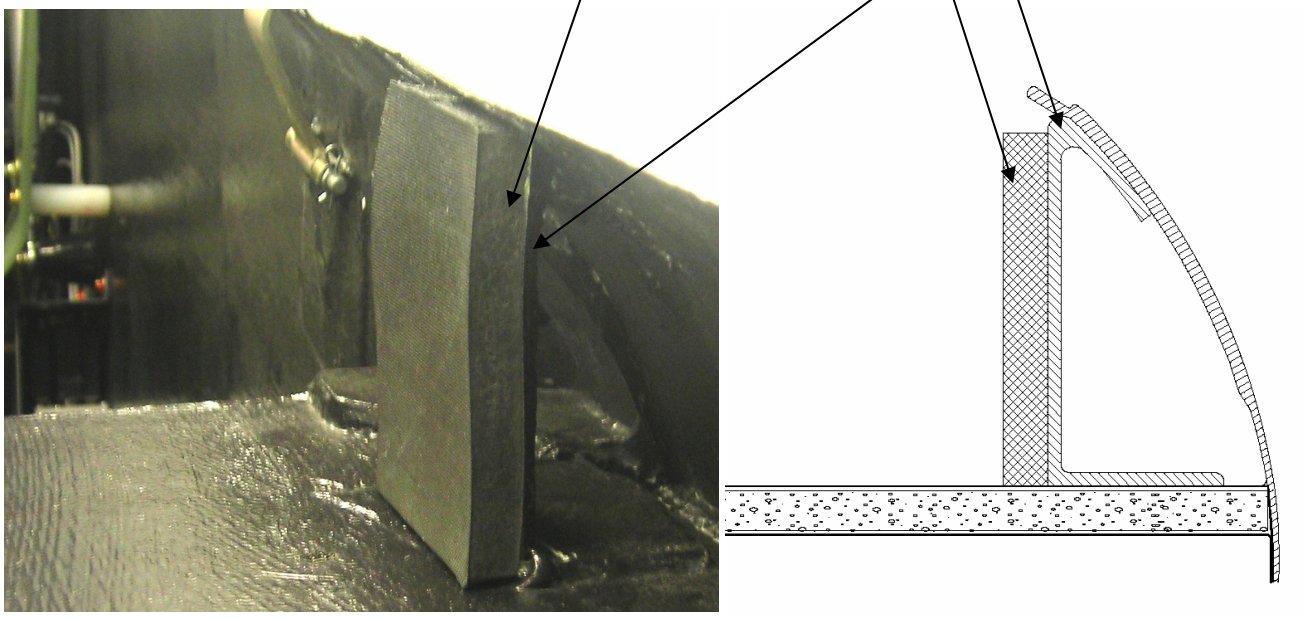


Photo 2: powerplant extended, view in direction of flight