



ELA AVIACIÓN, S.L.
SERVICE BULLETIN Nº 17.

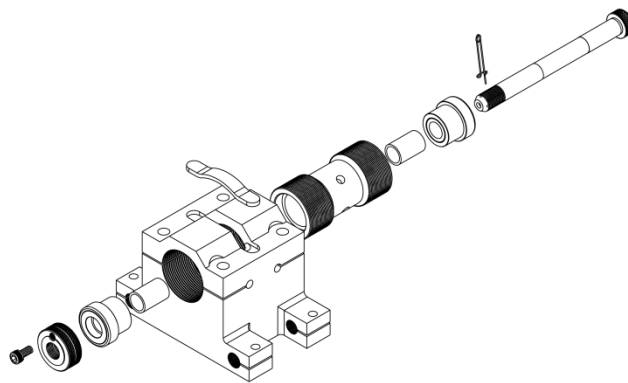
Inspection/action required in new type of rotor hub (P/N: 07-143)

Date of issue: 5th September 2013.

MANDATORY

1) Rotors affected:

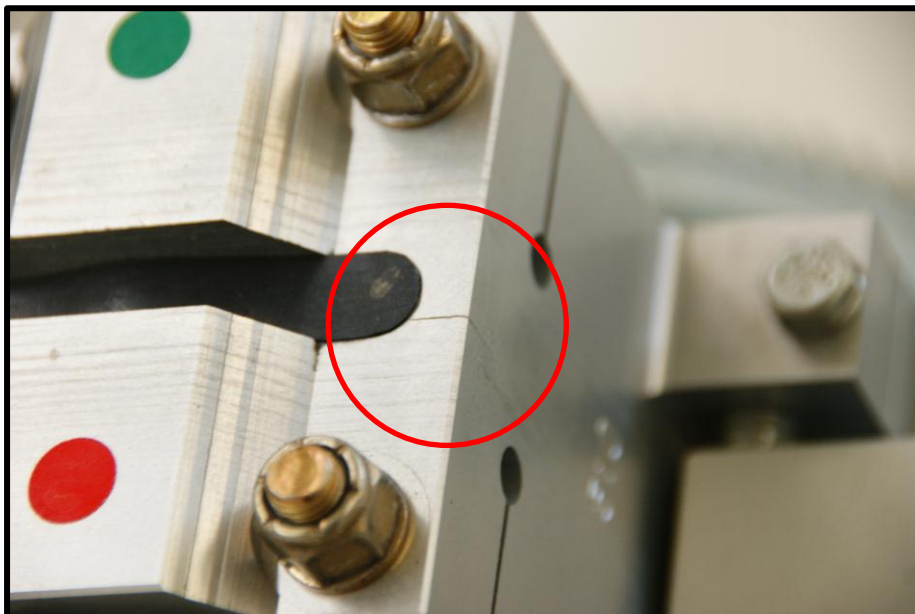
All rotor hubs from serial number 442.



2) Reason:

A few customers have reported small cracks in this part. See pictures.

After investigation of those cracks we have determined that the tightening of the four bolts that hold the hub bar to the block (rotor hub) can cause the appearance of those cracks.





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3) Subject:

Rotor hubs with apparition of cracks are not airworthy and should be replaced.

4) Compliance:

1) A visual inspection is required before the next flight to confirm the absence of cracks.
In case of cracks contact the factory for replacing the rotor hub.

2) Installation of the new sheets to avoid the stress in the affected area.

5) Instructions:

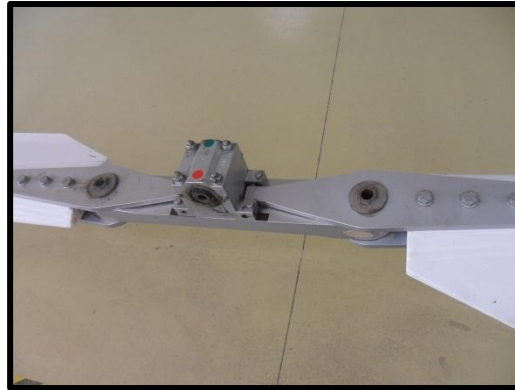
1) Remove the rotor from the gyroplane and put it over trestles.



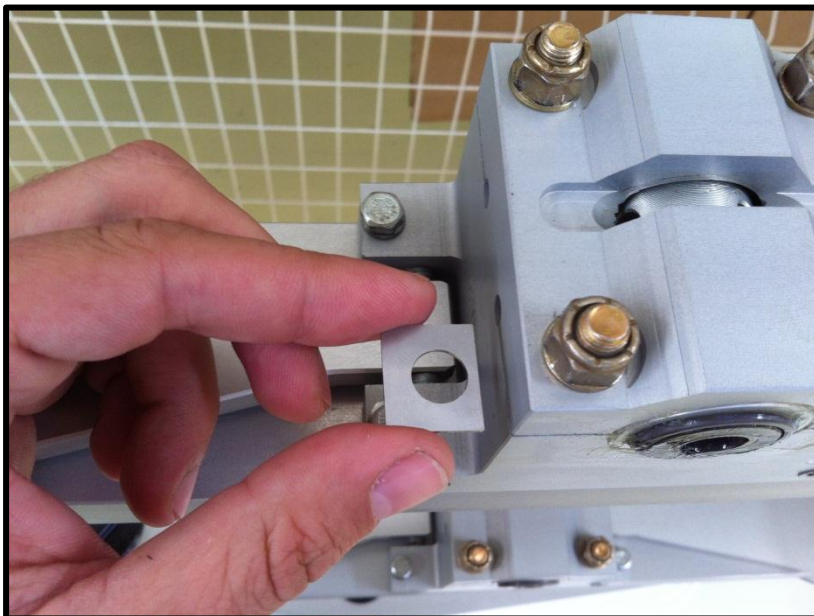
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2) Remove the four AN-5 bolts and install the new sheets in the grooves of the block.

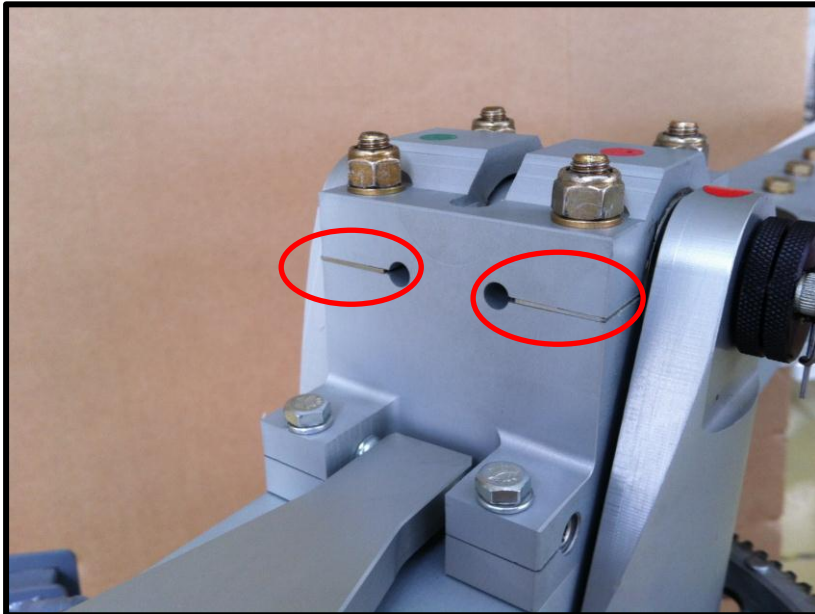




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- 3) Tighten the four AN-5 Bolts to 18 N/m.
- 4) Install the rotor on the gyroplane in the correct position.