AG-MI-2013-07-B-EN – Keel Tube Protection Pad

Category B

EFFECTIVE DATE
16.07.2013

SUPERSEDES/REPLACES
N/A (initial issue)

APPLICABILITY
Serial numbers (Werk-Nr.) Cavalon V00073 bis V00117

COMPLIANCE
Perform during next maintenance.

BACKGROUND
Product improvement

RISK OF NEGLECT
Failure to comply with this instruction/information will result in
- possible damage to the aircraft
- loss of related warranty

SCOPE OF WORK
Retrofit of Skid Plate

AFFECTED AREAS
Keel tube (rear)

SPECIAL TOOLS & CONSUMABLE MATERIALS
S.VB6015  Loctite 221 red
S.VB6008  Power Cleaner for Assembly

PARTS
V.KU420  Skid Plate rear

LABOR AND REQUIREMENTS
To accomplish 0,5 h
Task may only be performed by AutoGyro or AutoGyro-Maintenance Partners!

SUPPORT POLICY
N/A
REFERENCES
Pilots Operating Handbook in latest revision

DOCUMENTATION
The accomplishment of this Manufacturer Information, or the decision of its rejection, must be properly documented, if such procedure is required by the relevant authority.

Warnings Caution and Notes
This instruction uses **WARNINGs**, **CAUTIONs** and **NOTEs** in bold italic letters to indicate especially critical and important instructions. The call-outs appear at the top of the Maintenance Job Card if of general nature or applicable for the complete task, or will directly precede the individual Work Step.

The meaning of each call-out is defined below:

**WARNING**: A warning means that the neglect of the appropriate procedure or condition could result in personal injury or fatal accidents.

**CAUTION**: A caution means that the neglect of the appropriate procedure or condition could result in damage to or destruction of equipment.

**NOTE**: A note stresses the attention for a special circumstance, which is essential to emphasize.

Category Codes

A Safety critical - failure to comply may result in a significant reduction of flight safety, injury or death
B Important - failure to comply may result in reduced safety margin, injury and/or equipment damage
C Beneficial - improves operating behaviour, reliability and/or maintainability
COMPLIANCE PROCEDURE

GENERAL, REFERENCES AND REQUIREMENTS
Task may only be performed by AutoGyro or AutoGyro-Maintenance Partners!
Secure gyroplane against unauthorized or unintended operation!

SPECIAL TOOLS, CONSUMABLE MATERIALS AND PARTS
S.VB6015     Loctite 221 red
S.VB6008     Power Cleaner for Assembly

PRECAUTIONS AND SAFETY MEASURES
N/A

PROCEDURES
1. Checking whether skid plate is already installed
2. If not installed use skid plate as drilling template and mark drill holes
3. Drilling 3.3 mm, thread cutting M4, deburring
4. Clean installation point with power cleaner
5. Apply Loctite 221 on threads of bolts and tighten skid plate

**NOTE:** If attachment hardware with limited reusability (wire lock, self-locking nuts, torque bolts, ...) has been removed or altered during removal or disassembly, affected attachment hardware must be replaced.

PARTS LIST

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<tr>
<th>Fig.</th>
<th>Pos.</th>
<th>Description</th>
<th>PC PIT</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Skid Plate rear</td>
<td>L1</td>
<td>V.KU420</td>
</tr>
</tbody>
</table>

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ILLUSTRATIONS

Fig. 1 – Installed Skid Plate rear

Fig. 2 – Installation point for Skid Plate rear