

AG-MI-2013-11-B-EN – Retrofit of Heat Protection

Category **B**

EFFECTIVE DATE

12.09.2013

SUPERSEDES/REPLACES

AG-MI-2013-03-C-EN

APPLICABILITY

Cavalon

COMPLIANCE

To be performed within next maintenance, at latest within the next 10 flight hours.

BACKGROUND

Within quality checks cowling damages were noticeable due to heavy regional heat radiation in the area of the exhaust.

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

Inspect the configuration state of 'Heat Shield in lower cowling' and retrofit with component, if necessary. Milling a recess, if type I lower cowling is mounted.

AFFECTED AREAS

Lower engine cowling

SPECIAL TOOLS & CONSUMABLE MATERIALS

S.VB6008 Power Cleaner for Assembly

PARTS

V.KU405.16 Heat Protection Engine Cowling

LABOR AND REQUIREMENTS

To inspect 0,1 h

To accomplish 1,0 h

Task may only be performed by an organization or individual trained and entitled to do 'Line Maintenance' or the aircraft holder.

SUPPORT POLICY

N/A

REFERENCES

Manufacturer Maintenance Manual – 52-00-00 4-1 Removal-Installation: Cowlings
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 an organization or individual trained and entitled to do 'Line Maintenance' or the aircraft holder.

Secure gyroplane against unauthorized or unintended operation!

SPECIAL TOOLS, CONSUMABLE MATERIALS AND PARTS

S.VB6008 Power Cleaner for Assembly

PRECAUTIONS AND SAFETY MEASURES

N/A

PROCEDURES

- 1 Demount lower cowling
- 2 If 'lower cowling type I' is mounted, mill recess as shown in fig. 3 and deburr recess
- 3 Clean inner side of lower cowling free from dirt and greases
- 4 Fire Protection Pad adhere like in figure 2 and tape outer edges with aluminium tape
- 5 Remount lower cowling

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

PARTS LIST

Fig.	Pos.	Description	PC PIT	Remark
1		Heat Protection Engine Cowling	V.KU405.16	

ILLUSTRATIONS



Fig. 1 - Mounted Heat Protection Engine Cowling



Fig. 2 - Mounted Heat Protection Engine Cowling



Fig. 3 – Recess in lower cowling type I