

AG-SB-2017-02-C-EN – Calidus compressor fuse

Category C

EFFECTIVE DATE

28.02.2017

SUPERSEDES/REPLACES

N/A (initial issue)

APPLICABILITY

This Service Bulletin is applicable for Calidus from serial number C00438 onwards or if a new compressor has been installed as a part of a repair or maintenance operation from 2017 onwards.
Recommended for Calidus of all years of construction.

COMPLIANCE

To be performed within the next 5 operating hours.

BACKGROUND

Production quality control checks have determined that variability in the current required to start the compressor could be in excess of the circuit 10A fuse, causing it to blow. Whilst there have been no recorded fuse blows in service, this bulletin highlights this potential and provides a preventative service fix.

RISK OF NEGLECT

Failure to comply with this instruction/information will result in:

- Loss of related warranty.

SCOPE OF WORK

- Replacing the 10A fuse for the compressor with a 15A fuse.

AFFECTED AREAS

SPECIAL TOOLS & CONSUMABLE MATERIALS

n / a

PARTS

24-00-00-S-22681 (L0) Fuse 15A

LABOR AND REQUIREMENTS

To accomplish 0,1 h

This is a pilot or owner task.

SUPPORT POLICY

n / a

REFERENCES

Manufacturer Maintenance Manual (MMM) in latest revision.

DOCUMENTATION

The accomplishment of this Service Bulletin, 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 be performed by the pilot, owner or operator.

Record that the task has been undertaken within the aircraft maintenance records.

Secure gyroplane against unauthorized or unintended operation.

Execute procedure only with a cold engine condition.

SPECIAL TOOLS, CONSUMABLE MATERIALS AND PARTS

SP IMPORTANT NOTE: Procedure involves spare parts. Check parts list below for ordering details of affected components!

24-00-00-S-22681 (L0) Fuse 15A

PRECAUTIONS AND SAFETY MEASURES

CAUTION: Failure to comply with this instruction will cause the loss of warranty!

PROCEDURES

- 1 Remove the 10A fuse for the compressor from the slot.
- 2 Insert the 15A fuse into the compressor slot

PARTS LIST

Fig.	Pos.	Description	PC	PIT	Remark
2		Fuse 15A	1	22681	

ILLUSTRATIONS



Fig. 1: 10A Fuse Compressor



Fig. 2: 15A Fuse Compressor