

SERVICE BULLETIN

AA-SB-71-003

Carburetor Heat Ducting - Replacement

1. Planning Information

1.1 EFFECTIVITY

Alpha R2000 series s/n 160A-06001 to 160A-0018, and 120T-0001 & 120T-002

1.2 CONCURRENT REQUIREMENTS

Nil

1.3 REASON

An operator has reported an instance where the carburetor heat ducting P/n 71.26.51.035 has collapsed during operation of the Carburetor Heat control. This may cause a restriction in the air flow to the carburetor and subsequently a loss in power.

To preclude the chance of engine failure due to air starvation the material specification of the ducting has been changed.

1.4 DESCRIPTION

Replace carburetor heat ducting P/N 71.26.51.035 with ducting P/N 60-71-220-520 in accordance with the compliance instructions in 1.5.

1.5 COMPLIANCE

On receipt of this SB inspect aircraft for compliance within 10 hours of operation.

R2000 series listed in the effectivity above: Replacement is required.

Make a log book entry stating compliance with this Service Bulletin. The entry shall identify the action taken to satisfy this Service Bulletin.

This SB is the subject of a New Zealand CAA AD.

1.6 APPROVAL

Alpha Aviation Design Organisation DO65180

1.7 WEIGHT AND BALANCE

Nil affect on weight or balance

1.8 REFERENCES

R2000 and HR200 Service Manuals. HR200 & R2000 IPC.

1.9 OTHER PUBLICATIONS AFFECTED

Nil

2. Accomplishment Instructions

Removal and replacement of the ducting shall be done in accordance with instructions found in the Service Manual for particular aircraft model.



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Alternative to P/n 60-71-200-520, Aeroduct SCAT-8 (2.0" DIA) may be used. Cut to the length of removed ducting and install using the existing clamps.

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