ALPHA AVIATION

SERVICE BULLETIN

AA-SB-71-007

ENGINE AIR INTAKE BOX AND DUCTING – INSPECTION

1 Planning Information

1.1 EFFECTIVITY

R2000 Series Aircraft S/N 001 to 378
HR200 Series Aircraft S/N 001 to 378

Excluding R2160i

1.2 CONCURRENT REQUIREMENTS

Nil

1.3 REASON

Possible paint adherence defects inside the engine air intake box and cohesion defects inside the laminated ducting from the filter to the air intake box.

1.4 DESCRIPTION

This service bulletin provides instructions for inspection of air intake box and associated ducting.

1.5 COMPLIANCE

Within the next 100 hours TIS and then at each subsequent 100 hours TIS.

1.6 APPROVAL

By delegated authority (Alpha Aviation Concept Ltd, DO75990). Refer COA AA/60/1139

1.7 WEIGHT AND BALANCE

No effect on aircraft weight and balance.

1.8 REFERENCES

R2000 and HR200 Illustrated Parts Catalogue
APEX R2000 Service Manual
APEX HR200 Service Manual

1.9 OTHER PUBLICATIONS AFFECTED

Nil

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2 Material Information

Air intake boxes with part numbers listed below are known to be fitted to French (APR) manufactured HR200/R2000 Robin aircraft.

Part Number	Description	Quantity	Model
56.26.16.010	Intake Box	1	HR200 / R2112
56.40.62.000	Intake Box	1	R2120U
56.46.10.000	Intake Box	1	R2160

2.1 OTHER PUBLICATIONS AFFECTED

Nil

2.2 SPECIAL TOOLING

Nil

3 Accomplishment Instructions

3.1 Inspection

Visually inspect all painted areas in the engine intake box (including the deflection flap) and in the engine air ducting (including the area located downstream of the filter) for paint adherence defects such as peeling, blistering or bubbling.

If any defects are found with these P/N air intake boxes, the air intake box must be replaced by a new unpainted stainless steel assembly before further flight.

Contact Alpha Aviation for sourcing of replacement parts.

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