

# SERVICE BULLETIN

**AA-SB-71-006**

## INSPECTION OF ENGINE AIR FILTER ELEMENT

### 1 Planning Information

#### 1.1 EFFECTIVITY

Alpha R2000 Series Aircraft S/N 001 to 378  
Alpha HR200 Series Aircraft, all serial numbers.

#### 1.2 CONCURRENT REQUIREMENTS

Nil

#### 1.3 REASON

Non conforming air filter elements may have been installed.

#### 1.4 DESCRIPTION

This service bulletin provides instructions for inspection of air filter element p/n 57.34.00.010 and the replacement of the element in the event of non-compliance.

#### 1.5 COMPLIANCE

Within the next 25 flying hours or by 30<sup>th</sup> June 2012, whichever occurs first.

#### 1.6 APPROVAL

By delegated authority (Alpha Aviation Concept Ltd, DO75990) DCN AA/60/1108

#### 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

### 2 Material Information

#### 2.1 MATERIAL IDENTIFICATION

<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
57.34.00.010	Air Filter Element	1

This component is available from Alpha Aviation Ltd.

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## 2.2 OTHER PUBLICATIONS AFFECTED

Nil

## 2.3 SPECIAL TOOLING

Nil

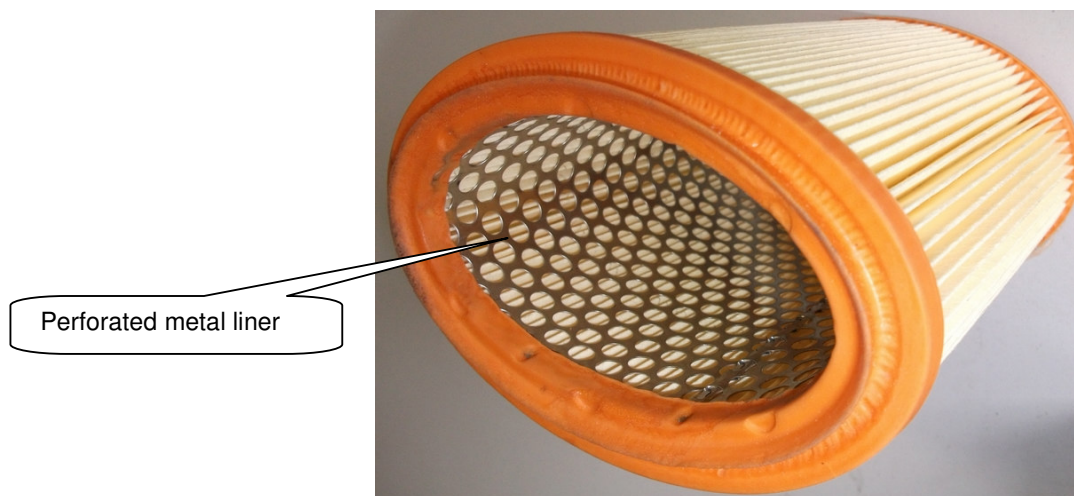
## 3 Accomplishment Instructions

### 3.1 Air Filter Element Inspection:

- a) Remove the air filter element in accordance with service manual procedures.
- b) Check that the filter element has a perforated metal liner as shown on Figure 3-1.
- c) Filter elements that do not have a perforated metal liner must be replaced with a genuine p/n 57.34.00.010 element. Genuine elements procured from Alpha Aviation will have the perforated metal liner.
- d) Re-install the compliant element in accordance with service manual procedures.

### 3.2 Post Inspection Action.

Certify compliance of this service bulletin in the aircraft log book.



**Figure 3-1 : Compliant Air Filter Element**



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## Contact Information:



59 Hautapu Road  
RD 1  
Cambridge 3493  
NEW ZEALAND

**Phone: + 64 7 827 0528    Fax: + 64 7 929 2878**  
**Web: [www.alphaaviation.co.nz](http://www.alphaaviation.co.nz)**