

# SERVICE BULLETIN

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**TITLE: POWER PLANT - INLET STRUCTURAL IMPROVEMENT**

## 1. Planning Information

### A. Effectivity

(1) Airplanes

Hawker 900XP, Serials HA-0001 through HA-0202.

If you are no longer in possession of the airplane, please forward this information to the present owner.

(2) Spares

None.

### B. Reason

This Service Bulletin is being issued to address a condition on the P/N 716RA0001-3 inlet assemblies in which the rivets have become fractured, liberated, or missing.

### C. Description

This Service Bulletin introduces an improved inlet assembly, P/N MK716RA0001-5, which provides enhanced structural durability.

### D. Compliance

#### NOTE

Contact Hawker Beechcraft Corporation (HBC) prior to scheduling work to comply with this Optional Service Bulletin.

Hawker Beechcraft Corporation considers accomplishment of this Service Bulletin to be the owner's/operator's option.

### E. Approval

The engineering data contained in this Service Bulletin is FAA approved.

This modification is classified Level 2 Major per FAA Order 8110.52.

Prior to accomplishment, owners/operators of airplanes registered in countries other than the United States shall consult with their local Aviation Regulatory Authority.

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The export of these commodities, technology or software are subject to the U.S. Export Administration Regulations. Diversion contrary to U.S. law is prohibited. For guidance on export control requirements, contact the Commerce Department's Bureau of Export Administration at <http://www.bis.doc.gov>.

Hawker Beechcraft Corporation (HBC) issues Service Information for the benefit of owners and fixed base operators in the form of two classes of Service Bulletins. The first class, Mandatory Service Bulletins (red border) includes changes, inspection and modifications that could affect safety or crashworthiness. HBC also issues Service Bulletins with no red border which are designated as either recommended or optional in the compliance section within the bulletin. In the case of recommended Service Bulletins, HBC feels the changes, modifications, improvements or inspections will benefit the owner/operator and although highly recommended, Recommended Service Bulletins are not considered mandatory at the time of issuance. In the case of Optional Service Bulletins, compliance with the changes, modifications, improvements or inspections is at the owner/operator's discretion.

Both classes are available on the web at <http://pubs.hawkerbeechcraft.com> and mailed to:

- (a) Owners of record on the FAA Aircraft Registration Branch List and the HBC Safety of Flight Information (SOFI) List.
- (b) Those having a publications subscription.

Information on Safety of Flight Information (SOFI) or subscription can be obtained through the Hawker Beechcraft Corporation Technical Manual Distribution Center (TMDC). As Mandatory Service Bulletins and Service Bulletins are issued, the Service Bulletin Master Index will be updated and available online at <http://pubs.hawkerbeechcraft.com>. Warranty will be allowed only when specifically defined in the Service Bulletin and in accordance with HBC Warranty Policy.

Unless otherwise designated, HBC Mandatory Service Bulletins, Service Bulletins and HBC Kits are approved for installation on HBC airplanes in original or HBC modified configurations only. HBC Mandatory Service Bulletins, Service Bulletins and Kits may not be compatible with airplanes modified by STC installations or modifications other than HBC approved kits.



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## **F. Manpower**

The following information is for planning purposes only:

Estimated man-hours for one each P/N MK716RA0001-5 inlet assembly: 14 hours.

Estimated man-hours for two each P/N MK716RA0001-5 inlet assemblies: 28 hours.

Suggested number of technicians: 2

The above is an estimate based on experienced, properly equipped technicians complying with this Service Bulletin.

## **G. Weight and Balance**

Negligible.

It is the responsibility of the owner/operator to maintain compliance with the applicable Airworthiness Regulations.

## **H. Electrical Load Data**

No change.

## **I. Software Accomplishment Summary**

Not applicable.

## **J. References**

Aircraft Maintenance Manual (AMM), Chapter 20 and Chapter 71.

## **K. Publications Affected**

It is recommended that a note, "See Service Bulletin 71-4080," be made in the appropriate chapter of the Illustrated Parts Catalog.

## **L. Interchangeability of Parts**

Not applicable.

## **M. Warranty Credit**

Warranty credit for labor and parts to the extent noted under MANPOWER and MATERIAL will be allowed on all affected airplanes that are under Honeywell Engine coverage. This Service Bulletin will cover the affected side(s) only.

Claims for compliance with this Service Bulletin are to be filed as a W4-type claim against SB 71-4080. The removed P/N 716RA0001-3 inlet assembly **must** be returned to HBP&D.

Warranty coverage offered in this Service Bulletin will expire based on Honeywell Engine Warranty Coverage. After this date, the owner/operator assumes the responsibility for compliance cost. Hawker Beechcraft Corporation (HBC) reserves the right to void continued warranty coverage in the area affected by this Service Bulletin until the date the Service Bulletin is accomplished by an HBC Authorized Service Center (ASC).

The owner/operator should contact an HBC ASC to schedule the warranty work to be accomplished. The HBC ASC must be rated to perform maintenance on the specific model of Hawker Beechcraft airplane. The HBC ASC will submit the appropriate paperwork directly to the HBC Warranty Department for warranty consideration.

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After the Service Bulletin has been accomplished, a warranty claim must be submitted to HBC within 60 days of the Service Bulletin completion date.

The removed P/N 716RA0001-3 inlet assembly **must** be returned to HBP&D at the following address:

Hawker Beechcraft Parts Division  
Attention: Warranty Hold Area  
370 N. Webb Road, East Dock, Bldg. 66  
Wichita, Kansas 67206

## 2. Material Information

### A. Materials - Price and Availability

Contact information:

Hawker Beechcraft Parts & Distribution (HBP&D)  
10511 East Central Avenue  
Wichita, KS 67206  
USA  
Phone: 316-676-3100 or 1-888-727-4344  
Fax: 316-676-3222 or 316-676-3327  
E-mail: HBC\_Parts@hawkerbeechcraft.com

### B. Industry Support

Not applicable.

### C. Airplanes

- (1) The following parts required for accomplishment of this Service Bulletin may be ordered through a Hawker Beechcraft Authorized Service Center or HBP&D:

Part Number	Description	Quantity Per Airplane
MK716RA0001-5	Inlet Assembly	Affected side(s) only

Hawker Beechcraft Corporation expressly reserves the right to supersede, cancel and/or declare obsolete, without prior notice, any parts or publications that may be referenced in this Service Bulletin.

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(2) The following materials may be obtained locally:

Material Item Number (Ref. AMM Chapter 20)	Description	Quantity Per Airplane
20-95-501, Item 504 (Ref. AMM Chapter 20)	Alocrom 1200	As Required
20-95-401, Item 465 (Ref. AMM Chapter 20)	Epoxy Base Primer	As Required
20-95-401, Item 409A (Ref. AMM Chapter 20)	Epoxy Polyamide Primer	As Required
20-95-401, Item 410A (Ref. AMM Chapter 20)	Urethane Enamel, Exterior	As Required

**D. Spares**

Not applicable.

**E. Reidentified Parts**

None.

**F. Tooling - Price and Availability**

Not applicable.

### 3. Accomplishment Instructions

This Service Bulletin shall be accomplished as follows:

**NOTE**

Should any difficulty be encountered in accomplishing this Service Bulletin, contact Hawker Beechcraft Corporation at 1-800-429-5372 or 316-676-3140.

<b>WARNING</b>
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**Observe all Warnings and Cautions contained in the airplane manuals referenced in this Service Bulletin.**

**Whenever any part of this system is dismantled, adjusted, repaired or renewed, detailed investigation must be made on completion to make sure that distortion, tools, rags or any other loose articles or foreign matter that could impede the free movement and safe operation of the system are not present, and that the systems and installations in the work area are clean.**

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## A. Airplane

### NOTE

Contact Hawker Beechcraft Corporation (HBC) prior to scheduling work to comply with this Optional Service Bulletin.

- (1) Remove all power from the airplane and disconnect the batteries. Display warning notices prohibiting reconnection of airplane electrical power.

### NOTE

The following steps apply to the left and right engine inlets on affected side(s).

- (2) Remove the existing P/N 716RA0001-3 inlet assembly in accordance with Aircraft Maintenance Manual (AMM), Chapter 71-10-00-401.
- (3) Install new P/N MK716RA0001-5 inlet assembly in accordance with Aircraft Maintenance Manual (AMM), Chapter 71-10-00-401.
- (4) Accomplish application of surface protection, primer, and paint, as required, in accordance with AMM, Chapter 20.
- (5) Reconnect the airplane batteries, remove warning notices, and restore power.
- (6) Ensure all work areas are clean and clear of tools and miscellaneous items of equipment.
- (7) Return airplane to service.

## B. Spares

Not applicable.

## C. Record of Compliance

Upon completion of this Service Bulletin, make an appropriate maintenance record entry.