

Safety Communique

May, 2012

TO: ALL OWNERS AND OPERATORS, HAWKER BEECHCRAFT SERVICES, CHIEF PILOTS, DIRECTORS OF OPERATIONS, DIRECTORS OF MAINTENANCE, ALL HAWKER BEECHCRAFT AUTHORIZED SERVICE CENTERS, AND INTERNATIONAL DISTRIBUTORS AND DEALERS.

MODELS: ALL BONANZA, BARON, KING AIR SERIES AND 1900 SERIES [MODEL 1900 (UA) AND MODEL 1900C (UB) AIRLINER ONLY] AIRPLANES, ALL SERIALS.

SUBJECT: IMPROPER AILERON INSTALLATION

Hawker Beechcraft Corporation (HBC) is issuing this Safety Communiqué to inform owners/operators and maintenance personnel of the potential for incorrect installation of ailerons on airplanes defined in the MODELS section.

HBC has received four (4) reports of improper maintenance practices resulting in partial or complete aileron separation on Hawker Beechcraft airplanes. On April 11, 2011, (the most recent incident) the right aileron partially separated from a Model C90A King Air airplane during flight. The pilot executed a normal landing.

Although the most recent incident was on a King Air airplane, all airplanes listed in the MODELS section of this Safety Communiqué are affected. During aileron installation, it is important to ensure that procedures are followed for correct installation of screws through the hinges and into the nutplates on the aileron hinge points.

HBC issued King Air Series Model Communiqué 2003-03 in September 2003 to warn of the potential for improper attachment of ailerons. At that time, HBC suggested that witness marks be painted on the aileron hinge bracket in a contrasting color to provide a visual cue to improper aileron installation. Figures 1 and 3 depict a correct and incorrect installation, respectively. If a witness mark is **not** showing, the aileron is aligned properly. A witness mark showing indicates an improperly installed aileron. Figure 2 depicts an aileron hinge point of a disassembled aileron installation with a painted aileron hinge bracket. The previously published Model Communiqué 2003-03 illustrations on page 2 were provided to owner/operators of record at that time and will be available online to all affected owner/operators for 90 days from publication date. Current information is available in the Online Service Information library to registered users at www.hawkerbeechcraft.com.

HBC reminds owners/operators/maintenance personnel of the importance of adhering to applicable existing inspection and maintenance procedures in the appropriate airplane Maintenance Manual or Shop Manual.

HBC will continue to gather information concerning this issue and will publish additional information as appropriate. For technical questions, please contact Hawker Beechcraft Corporation Technical Support at 1-800-429-5372 or 316-676-3140.

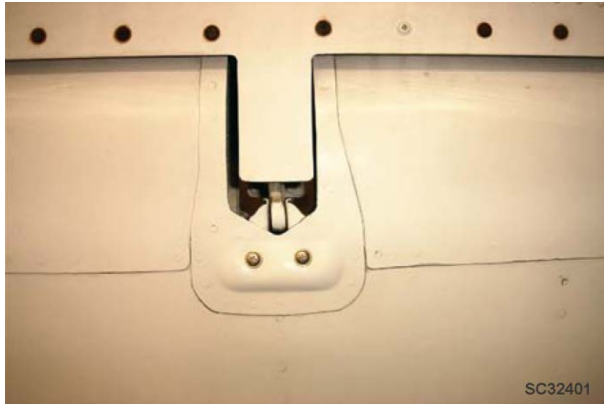


Figure 1 – Correct Aileron Hinge Bracket Installation



Figure 2 – Witness Mark Painted on Aileron Hinge Bracket (Aileron Removed)

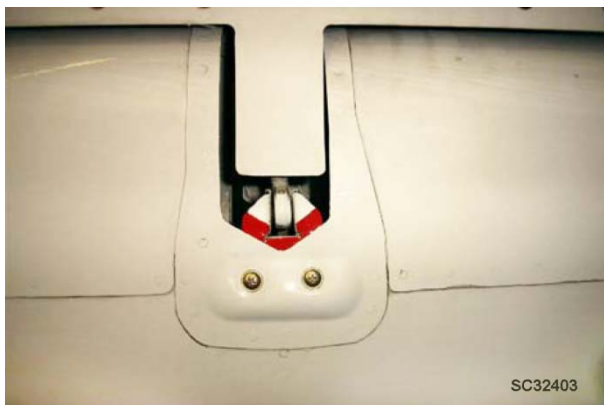


Figure 3 – Incorrect Aileron Hinge Bracket Installation (Witness Mark Paint Showing)