1. **COMPLIANCE**

   **Mandatory**: Cirrus considers this Service Bulletin to be MANDATORY. Accomplish this Service Bulletin immediately, or up to 5 flight hours is acceptable to move to a maintenance facility. Compliance time begins upon receipt of this Service Bulletin.

2. **EFFECTIVITY**

   SF50 Serials 0005 thru 0109

3. **APPROVAL**

   FAA approval has been obtained on all technical data in this Service Bulletin that affects type design.

   Aircraft not operating under FAA requirements and regulatory oversight: It is the operator's responsibility to ensure that installation of this Service Bulletin has been accepted by the local airworthiness authority.

4. **PURPOSE**

   On affected aircraft, Cirrus has been made aware that the AOA sensor may go out of calibration and provide erroneous information. To correct this condition, replacement of the AOA sensor with an improved AOA sensor is required.

5. **DESCRIPTION**

   This Service Bulletin contains instructions for the accomplishment of an improved AOA sensor installation.

6. **WARRANTY INFORMATION**

   For aircraft under warranty, enrolled in JetStream Plus or JetStream Concierge at the issue date of this Service Bulletin, Cirrus will cover all parts and labor costs for this Service Bulletin if the work is accomplished within the compliance time period and the work is performed at an Authorized SF5X Cirrus Service Center.

7. **MANPOWER REQUIREMENTS**

   1.25 man-hours

8. **OTHER PUBLICATIONS AFFECTED**

   N/A

9. **WEIGHT AND BALANCE**

   N/A

10. **MATERIAL INFORMATION**

    N/A
11. ACCOMPLISHMENT INSTRUCTIONS

A. Acquire necessary tools, equipment, and supplies.

<table>
<thead>
<tr>
<th>Description</th>
<th>P/N or Spec.</th>
<th>Source</th>
<th>Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Improved AOA Sensor</td>
<td>4677-03 Mod 1</td>
<td>Aerosonic</td>
<td>Replace AOA sensor.</td>
</tr>
<tr>
<td></td>
<td>32159-004</td>
<td>Cirrus</td>
<td></td>
</tr>
</tbody>
</table>

B. Remove and retain existing AOA sensor. (Refer to AMM P/N 31448-001 Section 34-10)

C. Install improved AOA sensor. (Refer to AMM P/N 31448-001 Section 34-10)

D. Complete airplane records by noting compliance with SB5X-34-03 in Aircraft Logbook.

To submit a Technical Publication change request, visit:
http://servicecenters.cirrusdesign.com/tech_pubs/SF50/serviceloopform.asp
or contact us by email at techpubs@cirrusaircraft.com.