**Problem Description**

This Service Information Letter (SIL) identifies hardware and software updates to the Avidyne DAU’s used on Piper Seneca aircraft to address:

1) **Moisture Related Issues**

   Due to the possibility of some Seneca DAU’s being affected by high humidity environments, Avidyne has incorporated conformal coating to the DAU circuit cards.

2) **Processor timing issue during initial power application found on some Seneca DAU’s.**

   Resolved by implementation of a hardware update.

When subjected to a high humidity environment, or affected by the processor timing issue(s), some DAU’s may not communicate to the Entegra MFD and PFD. The MFD will report a “DAU not communicating” message. If a DAU exhibits this behavior, it is usually experienced upon initial power up.

**Solution**

Installing the available updates will substantially reduce the number of Seneca DAU start up occurrences.
Effectivity

<table>
<thead>
<tr>
<th>Description</th>
<th>Before Upgrade</th>
<th>After Upgrade</th>
</tr>
</thead>
<tbody>
<tr>
<td>DAU - Data Acquisition Unit used on the Piper Seneca</td>
<td>No change</td>
<td>No change</td>
</tr>
<tr>
<td>Avidyne Part Number</td>
<td>200-00041-002</td>
<td>No change</td>
</tr>
<tr>
<td>Moritz Part Number</td>
<td>A1700</td>
<td>No change</td>
</tr>
<tr>
<td>Moritz Revision</td>
<td>A, B, C, D or Rev D [Mod 2]</td>
<td>Rev E (no Mod)</td>
</tr>
</tbody>
</table>

Accomplishment Instructions:

Removal and reinstallation of the DAU may be accomplished by Avidyne Service Bulletin 601-00162-000.

Warranty Information:

If a customer under warranty is experiencing these problems, this exchange is covered under warranty.

Contact Information:

Any customer who experiences the symptoms described above can contact Avidyne Technical Support to arrange installation of these described changes into their DAU’s.

Avidyne Technical Support: 888-723-7592