Service Information Letter

SIL Number:	SIL-07-002
To:	**Owners/Operators of Avidyne (Moritz) DAU, Data Acquisition Unit 200-00041-002 (A1700) used on the Piper Seneca.**
Subject:	**Seneca DAU Power On Start-Up Issues and Sensitivity to High Humidity Environments**
Purpose:	**This Service Information Letter (SIL) advises owners and operators of Avidyne (Moritz) DAU of hardware and software updates available to reduce power on start-up issues and sensitivity to high humidity environments.**
Revision: 00	**Date:** 10/22/07

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

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

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