



Service Information Letter

SIL Number:	606-00182-018		
To:	Owners/Operators of Avidyne IFD545 and IFD550		
Subject:	IFD545/550 Attitude Reference System (ARS) display		
Purpose:	This Service Information Letter (SIL) advises owners and operators of the Avidyne IFD545/550 of potential inaccurate attitude indication		
Revision:	00	Date:	10/30/17

Effectivity:

Description	IFD545, IFD550
Avidyne Part Number	700-00182-020, -021, -030, -031, -120, -121, -130, -131
Avidyne Software Release	Release 10.2.0
Aircraft Installation	ALL

Issue Description:

This Service Information Letter (SIL) provides information to owners and operators of the Avidyne IFD545/550 with Release 10.2.0 software on the potential of an erroneous attitude display. Avidyne has received a single isolated report on this condition and has identified the issue not to be systemic in nature. Recurrence is not expected, however, Avidyne has determined the issue deserves correction.

Important Note:

The IFD545/550 system is a supplemental attitude indicator. Pilots are recommended to use Primary Flight Display or Primary Attitude Indicator for attitude guidance.

Recommended Pilot Actions:

In all cases, basic airmanship should be exercised and fundamentals utilized such as Maintain Aircraft Control, Analyze the Situation, and Take Proper Action.

In the event of an erroneous attitude display from the IFD545 or IFD550, the pilot should consider the following actions:

- Utilize attitude guidance from Primary Flight Display or Primary Attitude Indicator.
- Exit IFD545/550 SVS/Attitude page.
- Return unit to Avidyne Repair Station for repair at the earliest opportunity.



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Solution:

Avidyne's software engineering team has identified the source of this issue and will incorporate a change in Software release 10.2.1 to address this condition.

Contact Information:

For any questions regarding this Service Information Letter please contact Avidyne Technical Support at:

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