



Service Information Letter

SIL Number:	606-00000-006		
To:	Owners, Operators, and Installers of the AXP322 Transponder		
Subject:	AXP322		
Purpose:	This Service Information Letter (SIL) instructions to Dealers to enable the AXP322 for ADS-B compliant operation.		
Revision:	00	Date:	03/16/17

Effectivity:

Description	AXP322 Transponder
Part Number	Trig P/N 00745-00-05 Mod 0 and 1

Discussion:

Avidyne has received AML STC approval for the AXP322 on November 30, 2016, which approves the IFD4XX/5XX GPS pairing for ADS-B Out operation. This SIL describes the required steps to assuring the AXP322 is in compliance with Avidyne's STC.

This SIL (606-00000-006) supersedes 606-00000-002.

Supplemental information:

1. AXP322 transponders (Mod 0 or 1) installed prior to Avidyne STC approval should have been configured in accordance with Avidyne Service Information Letter (SIL) 606-00000-002 Rev 01, which sets the AXP322's System Design Assurance level (SDA) configuration setting to "Uncertified". Transponder SDA configuration setting should now be set to "Certified". Refer to the AXP322 AND IFD4XX/5XX Installation Manuals for configuration setting instructions.
2. Inspect the Mod level of the AXP322 transponder. If there are no mod strikes (indicating Mod 0) the unit will need to be returned to Avidyne for a hardware modification. Refer to Avidyne Service Bulletin 601-00000-003 "AXP322 Mod 1 Update".

Note:

1. AXP322 transponder's SDA configuration setting can be immediately set to "Certified". Refer to the AXP322 Installation Manual, Rev 02 and the IFD4XX/5XX Installation Manual Rev 10 for instructions. This procedure is not covered by warranty.
2. Mod 1 update to the AXP322 is required to be installed by Jan 1, 2020 to be compliant with the ADS-B mandate.
3. The Mod 1 update is covered by warranty. See service bulletin 601-00000-003 for details.



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Operation Check:

1. When only changing the SDA configuration setting to "Certified" refer to the IFD4XX/5XX installation manual to confirm the SDA setting has correctly been set to "Certified".
2. After installing an AXP322 transponder that has been updated to Mod 1 perform operational checks in accordance with the AXP322 Instructions for Continued Airworthiness AVAXP-007.

Contact Information:

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

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