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**NOTIFICATION**

#0005

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**(The Airplane Factory (Pty) Ltd. considers compliance with all Notification mandatory)**

**RELEASE DATE:** 20 November 2017

**EFFECTIVE DATE:** 20 November 2017

**SUBJECT:** Loss of Mode C on the transponder of the Garmin G3X

**MODELS AFFECTED:** Garmin G3X, Transponder GTX35R and GTX45R

**COMPLIANCE TIME:** When experiencing the loss of Mode C

**LABOUR TIME:**

**DESCRIPTION AND PURPOSE:**

In the event that Mode C is lost on the transponder of the Garmin G3X

**PARTS AND CONSUMABLES LIST:**

- a) None

**TOOLS REQUIRED:**

- a) Transponder Tester

## NOTES:

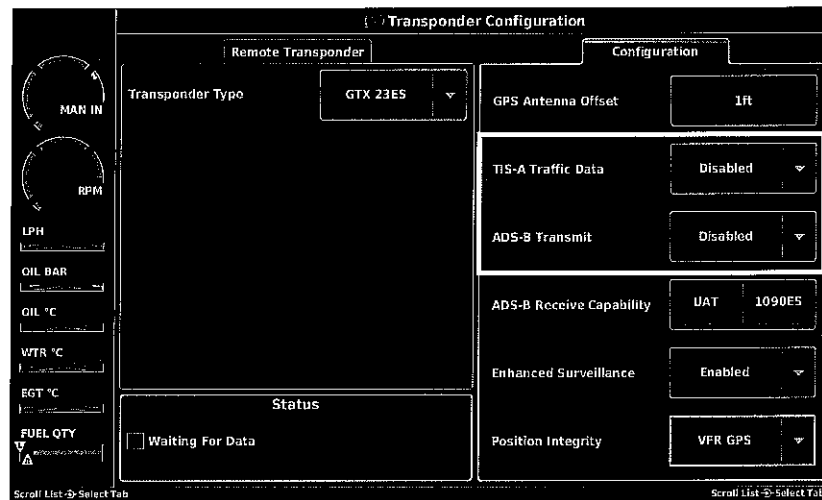
It was noted in some instances that the Garmin G3X has lost its mode C signal, failing to indicate altitude. This occurs due to the fact that the ADS-B is activated.

## INSTRUCTIONS:

In the event that a loss of mode C is experienced on the above-mentioned Garmin models, please comply with the following to rectify the problem:

1. To enter set-up:
  - a) Press and hold MENU on EFIS;
  - b) Turn EFIS ON;
  - c) Hold until EFIS enters "Configuration Mode"
  - d) Enter transponder set-up;
  - e) Scroll to configuration screen;
  - f) Scroll down the list and disable the following functions:
    - i. TIS-A TRAFFIC DATA;
    - ii. ADS-B TRANSMIT.
2. Reset Garmin EFIS.
3. Test transponder to ensure it functions correctly.
4. To test the transponder on the EFIS:
  - a) Enter the transponder control panel;
  - b) Press MENU to enable the maintenance test functionality;
  - c) Using the appropriate transponder tester, carry out the test in accordance with the instructions relevant to the tester being used.

Figure 1:



Signed on this the 20<sup>th</sup> day of November 2017



ACCOUNTABLE MANAGER  
ANDREW PITMAN

