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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:

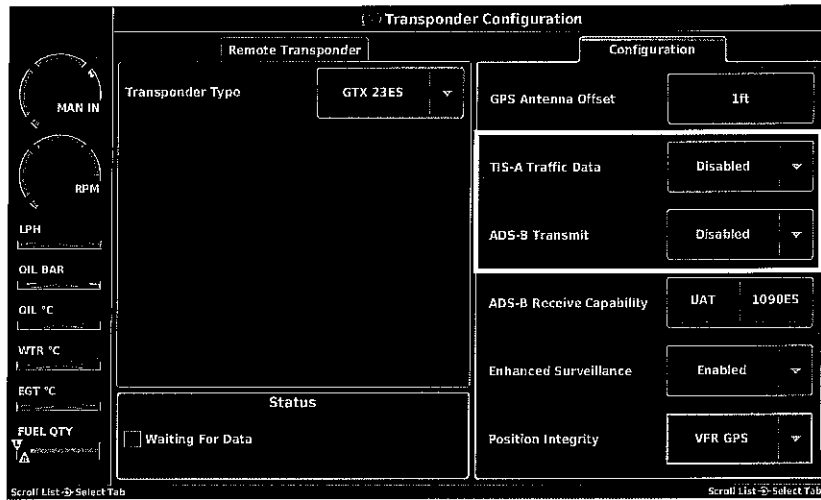
It was noted in some instances that the Garmin G3X has lost its mode C signal, failing to indicate altitude. This occurs due to the fact that the ADS-B is activated.

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 20th day of November 2017



ACCOUNTABLE MANAGER
ANDREW PITMAN

