

SERVICE INFORMATION NO. SI 42-041

NOTE: SI's are used **only**:

- 1) To distribute information from DAI to our customers.
- 2) To distribute applicable information / documents from our suppliers to our customers with additional information.

Typically there is no revision service for SI's. Each new information or change of that will be sent along with a new SI.

I. TECHNICAL DETAILS

1.1 Airplanes affected:

All DA 42 aircraft equipped with GTX 33/33D units

1.2 Subject:

Garmin – Service Bulletin No. 0710 Revision A
ATA-Code: 34-00

1.3 Reason:

Garmin has issued a service bulletin which comprises of hardware changes to the GTX 33/33D units to improve the decay time of the suppression circuit.

1.4 Information:

For detailed technical information confer Garmin – Service Bulletin No. 0710 Revision A which is applicable without any further additions or restrictions.

II. OTHERS

The Service Bulletin No. 0710 Revision A is attached to this SI.

In case of doubt contact Diamond Aircraft Industries GmbH.



SERVICE BULLETIN

NO.: 0710 Revision A

TO: All Garmin Aviation Service Centers
DATE: 18 May 2007
SUBJECT: GTX 33/33D units, Mod Level Change

PURPOSE

This modification improves the decay time of the suppression circuit.

DESCRIPTION

This modification consists of hardware changes to the GTX 33/33D units.

APPROVAL

TSO-C112, ETSO-2C112a

AFMS AND PILOT'S GUIDE CONSIDERATIONS

There are no AFMS or Pilot's Guide changes relative to this Service Bulletin.

PRODUCT AFFECTED

This bulletin is applicable to all GTX 33/33D units listed in the following table where the External Suppression I/O (pin 31 of P3301) is left disconnected when installed in aircraft.

NOTE

The External Suppression I/O pin is typically connected to DME or TAS equipment in an aircraft. Dual XPNDR installations are not considered as being connected.

Unit	P/N
GTX 33	011-00779-00
GTX 33D	011-00779-01
GTX 33	011-00779-10

COMPLIANCE

Mandatory: This service bulletin must be incorporated in affected GTX 33/33D units at or before the next scheduled transponder biennial test.

REFERENCES

GTX 33, GTX 33D Transponder Installation Manual, P/N 190-00303-61
G1000 Line Maintenance and Configuration Manual, P/N 190-00303-04

MANPOWER

One-hour (1.0) labor including testing.

WARRANTY INFORMATION

This modification is warranty reimbursable for the manpower listed above. When completing the Garmin warranty claim, be sure to include the aircraft serial number, the aircraft registration number, and clearly indicate that this service bulletin has been complied with, to ensure proper reimbursement.

MODIFICATION INSTRUCTIONS

This is a factory only modification, contact Garmin for an RMA number before returning unit to Garmin.

Upon completion of the factory modification, the mod status will be marked on the unit's serial tag per the following table to indicate compliance with this Service Bulletin. Units bearing mod status as shown in following table already have the changes incorporated.

Unit	P/N	Mod Level
GTX 33	011-00779-00	1
GTX 33D	011-00779-01	3
GTX 33	011-00779-10	2

TESTING PROCEDURE

To return the aircraft to service see the airframe-specific maintenance manual and/or G1000 Line Maintenance and Configuration Manual (P/N 190-00303-04) for software reloading and configuration instructions.

MATERIAL INFORMATION

None

ADDITIONAL INFORMATION

None