

# SERVICE INFORMATION LETTER



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24 March 2010

## SERVICE INFORMATION LETTER NO. SIL20C1-002

NOTE: Service Information Letters are used only:

1. To distribute information from Diamond Aircraft Industries (DAI) to our customers.
2. To distribute applicable information/documents from our suppliers to our customers with additional information.

NOTE: Typically there is no revision service for SILs. Each new information or change will be sent along with a new SIL.

### 1. TECHNICAL DETAILS

#### 1.1 Aircraft Affected

ALL DA20-C1 aircraft equipped with Garmin GTX 330/330D Transponder units.

#### 1.2 Subject

Garmin Service Bulletin (SB) No. 0714 Revision A dated 18 May 2007. A copy of the SB is attached.

#### 1.3 Reason

Garmin GTX 330/330D Transponder units, Mod Level Change. This modification improves the decay time of the suppression circuit.

#### 1.4 Information

The Garmin SB announces the modification to GTX 330/330D Transponder units to improve the decay time of the suppression circuit and this modification consists of hardware changes to the GTX 330/330D units.

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

Upon completion of the factory modification, the mod status will be marked on the unit's serial tag to indicate compliance of their SB.

### 2. OTHERS

Contact DAI or your local authorized Diamond Service Center.

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To obtain satisfactory results, procedures specified in this service information letter must be accomplished in accordance with accepted methods and current government regulations. Diamond Aircraft Industries Inc. cannot be responsible for the quality of work performed in accomplishing the requirements of this service information letter. Diamond Aircraft reserves the right to void continued warranty coverage in the area affected by this service information letter if it is not incorporated. If you no longer own the aircraft to which this service information letter applies, please forward it to the current owner and send the name of the current owner to Diamond Aircraft Industries Inc. at the address below.

Diamond Aircraft Industries Inc. 1560 Crumlin Sideroad, London, Ontario, Canada N5V 1S2  
Phone: (519) 457-4030 Ext. 3173 E-mail: [techpubs@diamondair.com](mailto:techpubs@diamondair.com)

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## SERVICE BULLETIN

NO.: 0714 Revision A

**TO:** All Garmin Aviation Service Centers  
**DATE:** 18 May 2007  
**SUBJECT:** GTX 330/330D 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 330/330D 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 330/330D units listed in the following table where the External Suppression I/O (pin 31 of P3301) is left disconnected when installed in aircraft.

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

Unit	P/N
GTX 330	011-00455-00 and 011-00455-20
GTX 330D	011-00455-10 and 011-00455-30
GTX 330D	011-00455-40 and 011-00455-50

## **COMPLIANCE**

**Mandatory:** This service bulletin must be incorporated in affected GTX 330/330D units at or before the next scheduled transponder biennial test.

## **REFERENCES**

GTX 330, GTX 330D Transponder Installation Manual, P/N 190-00207-02

## **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.

<b>Unit</b>	<b>P/N</b>	<b>Mod Level</b>
GTX 330	011-00455-00 and 011-00455-20	2
GTX 330D	011-00455-10 and 011-00455-30	3
GTX 330D	011-00455-40 and 011-00455-50	1

## **TESTING PROCEDURE**

To return the aircraft to service see the GTX 330, GTX 330D Transponder Installation Manual (P/N 190-00207-02) for software reloading and configuration instructions.

## **MATERIAL INFORMATION**

None

## **ADDITIONAL INFORMATION**

None