



## AVIATION SERVICE DOCUMENT NOTIFICATION

**TO:** Registered Garmin GTN 6XX/7XX Owner/Operators  
**DATE:** April 29, 2014  
**SUBJECT:** EASA Validated STC 10037574 GTN 6XX/7XX AML STC Replace TVS2 Assembly Fuse for Nonmetallic, IFR Aircraft

### **CERTIFICATION**

**APPROVAL:** EASA Validated STC 10037574 (see Approval section of STC SB1419 for details)

### **COMPLIANCE**

Mandatory.

### **PURPOSE**

The previous installation data contains directions to install an incorrectly sized fuse related to the TVS2 assembly. The TVS2 assembly provides lightning protection on the power bus to the GTN. The GTN 6XX/7XX Part 23 AML STC Installation Manual Revisions 5, or earlier, Figure E-4, shows the use of fuse F1 in the TVS2 assembly. Fuse F1: 3AG Fast-Acting, 4A Littelfuse P/N 0312004 must be replaced with fuse F2: 3AG Fast-Acting, 10A Littelfuse P/N 0312010.

### **PRODUCTS AFFECTED**

This bulletin affects existing GTN 6XX/7XX installations that required the TVS2 assembly to be installed for lightning protection.

<b>Aircraft Make</b> (TCDS Holder) [common name or previous make]	<b>Aircraft Model Designation</b>
<b>Cessna</b> (Cessna Aircraft Company) [Columbia Aircraft Manufacturing, The Lancair Company]	LC40-550FG, LC41-550FG, LC42-550FG
<b>Cirrus Design Corporation</b> (Cirrus Design Corporation)	SR20, SR22
<b>Diamond</b> (Diamond Aircraft Industries GmbH)	DA40
<b>Extra</b> (Extra Flugzeugproduktions- und Vertriebs- GmbH) [Extra Flugzeugbau GmbH]	EA-400
<b>GROB</b> (GROB-WERKE)	G120A
<b>Liberty</b> (Liberty Aerospace Incorporated)	XL-2
<b>Triton Aerospace LLC</b> (Triton Aerospace LLC) [Triton America LLC; AAI Acquisition, Inc.; Adam Aircraft]	A500

### **DESCRIPTION**

This STC Service Bulletin provides instructions to replace the fuse in the TVS2 assembly to the correct value. The new value is approved in *GTN 6XX/7XX Part 23 AML STC Installation Manual* (Garmin P/N 190-01007-A3) Rev. 6 or later).

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