



AVIATION SERVICE DOCUMENT NOTIFICATION

TO: Registered Garmin GTN 6XX/7XX Owner/Operators
DATE: January 20, 2014

SUBJECT: STC SA02019SE-D GTN 6XX/7XX AML STC Replace TVS2 Assembly Fuse for Non-metallic, IFR Aircraft

CERTIFICATION

APPROVAL: SA02019SE-D (see Approval section of STC SB1402 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.

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