

## SERVICE ADVISORY

NO.: 1530 Rev A

**TO:** Owners and Operators of Garmin G3000 and G5000 Products

**DATE:** April 24, 2015

**SUBJECT:** Potential Loss of FMS Navigation and Synthetic Vision (SVT)

### AFFECTED PRODUCTS

G3000 and G5000 products installed in Cessna Citation Sovereign, Cessna Citation X+, Cessna Citation CJ3+, and Cessna Citation M2 with GDU software versions 4.01 and 4.10 are affected.

### ISSUE

If the pilot-defined VNAV descent angle (Descent tab of the VNAV Profile page, see Figure 1) is less than or equal to the minimum allowable (shallowest) setting, SVT, FMS, AFCS (if coupled), and navigation functions may be interrupted for up to ten seconds. The condition will clear after ten seconds and all functions will resume normally.



Figure 1 – Descent Tab of the VNAV Profile Page Showing the VNAV Descent Angle

### PILOT ACTION

For the G3000 Cessna Citation CJ3+ and G3000 Cessna Citation M2 do not set the pilot-defined VNAV descent angle at or below the minimum allowable (shallowest) setting (-2.0°).

For the G5000 Cessna Citation Sovereign and the G5000 Cessna Citation X+ do not set the pilot-defined VNAV descent angle below the minimum allowable (shallowest) setting (-0.5°).

### RESOLUTION

Garmin plans to correct this issue in future software releases.