

## SERVICE ADVISORY

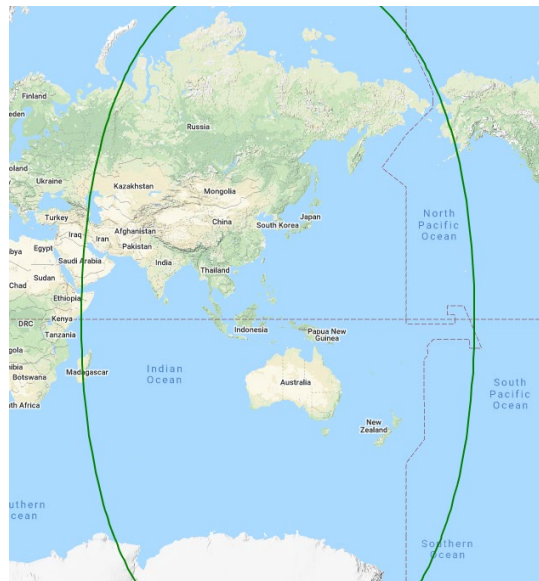
NO.: 20109 Rev D

**TO:** Owners and Operators  
**DATE:** October 28, 2022  
**SUBJECT:** Erroneous GPS position and momentary false TAWS alerts  
**REVISION D:** Added GPS 175/GNX™ 375/GNC® 355 and GTN Xi Resolution

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### PRODUCTS AFFECTED

All SBAS-enabled Garmin Integrated Flight Decks (G900X, G950, G1000(H) G1000(H) NXi, Cirrus Perspective™, Embraer Prodigy™, G2000, G3000, G5000, and Embraer Prodigy® Touch systems), GTN Xi Series, GPS 175, GNX 375, GNC 355, GNS 400W/500W Series, GNS 480, GTN 6XX/7XX Series products operating within the area depicted below are affected.



### ISSUE

Affected Garmin equipment may periodically experience GPS position errors for approximately six seconds, and momentary TAWS false alerts when utilizing corrections from the Japanese MSAS (MTSAT Satellite Augmentation System) space-based augmentation system.

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### ACTION

Disable MSAS.

### NOTE

Refer to the applicable pilot's guide for instructions on how to disable MSAS.

### RESOLUTION

MSAS will be disabled automatically in the November 2020 aviation database cycle. A future software and database update will address the issue and re-enable the use of MSAS in the affected products.

For GTN 6XX/7XX products this has been fixed in GTN 6XX/7XX GPS/WAAS Software Version 8.3. GTN 6XX/7XX GPS/WAAS Software Version 8.3 is packaged with GTN 6XX/7XX Main Software Version 6.72.

For GPS 175/GNX™ 375/GNC® 355 products this has been fixed in GPS 175/GNX™ 375/GNC® 355 GPS/WAAS Software Version 8.2.

For GTN Xi products this has been fixed in GTN Xi GPS/WAAS Software Version 8.2.