

## SERVICE ADVISORY

NO.: 1473 Rev A

**TO:** Owners and Operators of Garmin GTN 6XX/7XX, G2000, G3000, and G5000 Integrated Avionics Systems

**DATE:** December 08, 2014

**SUBJECT:** Range on Traffic Display for No-Bearing Traffic Advisory (TA) and No-Bearing Resolution Advisory (RA) May Not Update

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### PRODUCTS AFFECTED

All Garmin GTN 6XX/7XX units using system software version 2.00 through 5.12, and all G2000, G3000, and G5000 Integrated Avionics Systems using GDU system software version 4.XX and prior, with an installed traffic system are affected by this bulletin.

### ISSUE

The range on the traffic display for a no-bearing alert (shown in yellow text for a TA in Figure 1) may not update. This issue is only applicable to no-bearing TA and no-bearing RA alerts on the traffic display. As the position of the target moves relative to the ownship, the range displayed in the no-bearing alert remains fixed. In the example shown in Figure 1, "TA 1.1" refers to a no-bearing TA at a range of 1.1 nautical miles (the remainder of the alert text "+12" indicates the target is 1200 feet above ownship altitude).



Figure 1 No-Bearing Traffic Alert (yellow text)

Note that a change in the relative altitude between ownship and target may cause the range to update.

### PILOT ACTION

If a no-bearing TA or no-bearing RA is shown on the traffic display, the pilot should be aware that the actual range to the target may be different than displayed.

### RESOLUTION

This issue will be addressed in future software revisions.

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