

SB 3400H-08 Service Bulletin (Mandatory) ST3400H HeliTAWS™

Date: October 13, 2016

Regarding: ST3400H HeliTAWS Interface with Garmin 400/500 series
non-WAAS receivers

SB Revision: A – Initial Notification

Reason

A customer reported that an ST3400H was not providing terrain alerts in all cases. It was found that some serial numbers of Garmin receivers do not output GPS ground track in accordance with the published RS-232 data format, resulting in a situation where the ST3400H suppressed TAWS alerting when flying in a westerly direction.

Applicability

Applies to Sandel ST3400H installations using a Garmin non-WAAS receiver for GPS position.

Affected installations can be verified by an indication of 'HDG' instead of 'TRK' for the ST3400H display orientation when flying over 35 Kts ground speed in a westerly direction.

Description

The following software has been released which accommodates both standard and non-standard GPS ground track format:

- 1.06: ST3400H non-Mod A (Serial numbers 46-2199 and below)
- A1.07: ST3400H Mod A (Serial numbers 46-2200 and above)

Compliance

ST3400H units interfaced with a Garmin non-WAAS receiver for GPS position must be updated within 10 flight hours

Warranty

None

Documentation

Not applicable

END