

## SB 3308-07 Service Bulletin

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Date: July 11, 2008  
Regarding: SN3308 operating with Directional Gyro in "Free Gyro Mode"  
Revision: A, Initial Release

### Reason

To notify SN3308 users of new software update version 2.11.

### Applicability

SN3308 installed as a heading repeater (no direct fluxgate connection) and interfaced with a Directional Gyro (DG) that "Flags Invalid" when operated in "Free Gyro Mode".

### Description

When the DG is placed into "Free Gyro Mode" (allowing manual slewing of the gyro compass heading) some DG's change their Valid Flag output signal from "Valid" to "Not Valid". When the SN3308 senses this signal in the "Not Valid" state, by design, the SN3308 will stop displaying the compass rose until the Gyro Valid Flag signal transitions back to the "Valid" state.

SN3308 software version 2.11 supports continuous display of the compass rose in amber when the DG Valid Flag becomes "Not Valid". The compass rose will not be removed from the display.

Installations that apply this service bulletin will also require a revision to the Aircraft Flight Manual Supplement (AFMS). Refer to the SN3308 Navigation Display Installation Manual Document 90106-IM Revision J for suggested AFMS language.

The SB 3308-07 related files including the software update, software load utility and instructions can be accessed on the Sandel website at:

[www.sandel.com/SN3308\\_EHSI\\_sup\\_sb.php](http://www.sandel.com/SN3308_EHSI_sup_sb.php) [case-sensitive]

or you can contact Sandel Product Support at (760)727-4900 selection "2"

### Compliance

Recommended

**Warranty Reimbursement**

None

**Manpower**

Variable

**Approval**

This modification does not affect the original approval.

**Identification**

No change

**Testing**

Refer to ground test section of SN3308 Navigation Display Installation Manual Document 90106-IM Revision J.

**Documentation**

Sandel Documents:

90106-IM revision J, SN3308 Installation Manual

82001-PG-ERR-2.11, SN3308 Pilots Guide Effectivity and Errata

**END**