

SIL 3308-05 – Revision B SN3308 EHSI Service Information Letter

Date: 04/27/2007
Regarding: Interfacing with Garmin GNS 400W/500W series receivers
Revision history: B, Added Maintenance Page configuration settings
A, Initial release

Reason

To enable display of vertical deviation during a GPS approach with vertical guidance from a Garmin GNS 400W/500W series receiver.

Applicability

Applies to Sandel part number SN3308-XX-XX with the following interface:

- Garmin GNS 400W/500W series receiver interfaced via ARINC 429

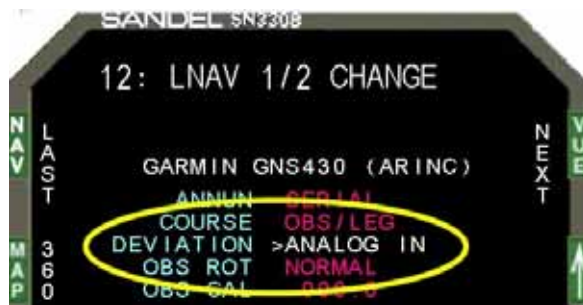
Description

Please refer to the drawings in the current Garmin GNS 400W Series or 500W Series Installation Manual. It is necessary to connect the analog lateral and vertical deviation, flags, to/from and ILS/GPS approach outputs from the 400W/500W to the SN3308.

Settings on Maintenance Pages 12 and 15 of the SN3308 must be changed as described below in order to display GPS vertical deviation:

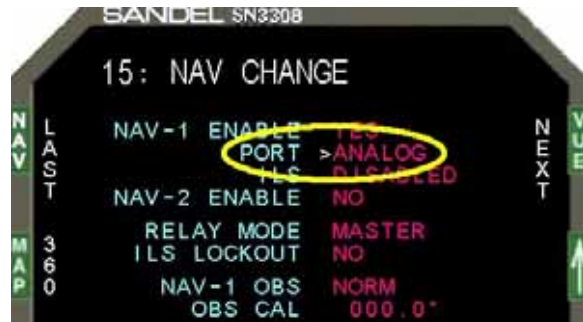
Maintenance Page 12: LNAV 1/2 CHANGE

- Change DEVIATION from SERIAL to ANALOG IN.
(Repeat for LNAV 2 if dual 400W/500W units are interfaced to the SN3308.)

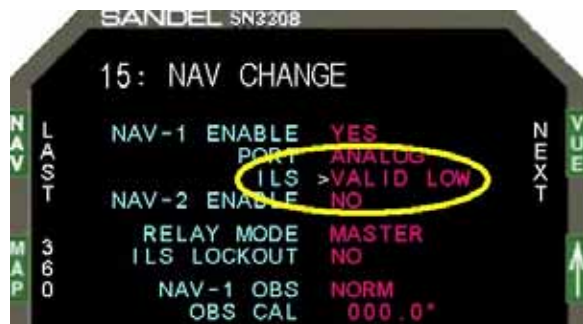


Maintenance Page 15: NAV CHANGE

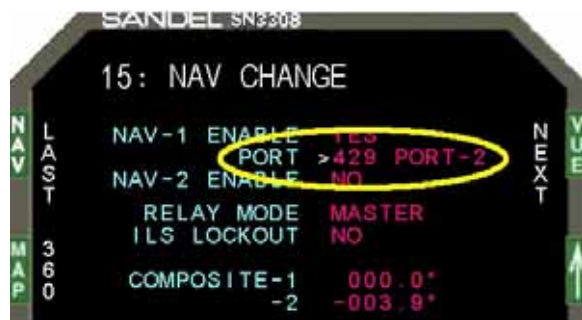
1. Under NAV-1 ENABLE, record the current PORT setting for reference (429 PORT-2 or PORT-3). Change the PORT setting from 429 PORT-X to ANALOG.



2. Change ILS from DISABLED to VALID LOW



3. Change PORT from ANALOG back to 429 PORT-2 or PORT-3 as recorded in Step 1.



Repeat the above steps for NAV-2 ENABLE if dual 400W/500W units are interfaced to the SN3308.

SANDEL®

Compliance

Customer discretion

Warranty

None

Documentation

Garmin GNS 400W Series Installation Manual, 190-00356-02, Rev. B or later
Garmin GNS 500W Series Installation Manual, 190-00357-02, Rev. B or later

End