

SIL 4500-02 – Revision B SN4500 Primary Navigation Display Service Information Letter

Date: 2/15/2007

Regarding: Interfacing with Garmin GNS 400W/500W series receivers

Revision B: Updated interface drawing with revised relay connections to SN4500

Reason

To enable autopilot approach coupling during a GPS approach with vertical guidance from a Garmin GNS 400W/500W series receiver.

Applicability

Applies to Sandel part number SN4500-xxx with the following interfaces:

- Garmin GNS 400W/500W series receiver interfaced via ARINC 429; and
- Autopilot interfaced via analog FCS outputs from the SN4500-xxx

Description

Please refer to the drawing on the following page. It is necessary to jumper the ILS/GPS Approach output from the Garmin GNS 400W/500W to the FCS ILS Energize output, P2-27, of the SN4500 using an isolation diode. A relay will be required if dual GNS 400W/500W receivers are interfaced to the SN4500.

Maintenance Page setup for Page 7: GPS-1 and/or Page 8: GPS-2

ANNUN	SERIAL
LAT DV	SERIAL
VERT DV	SERIAL
VERT ENA	VERT DV FLAG
GPS	GARMIN GNS430 (ARINC)

Compliance

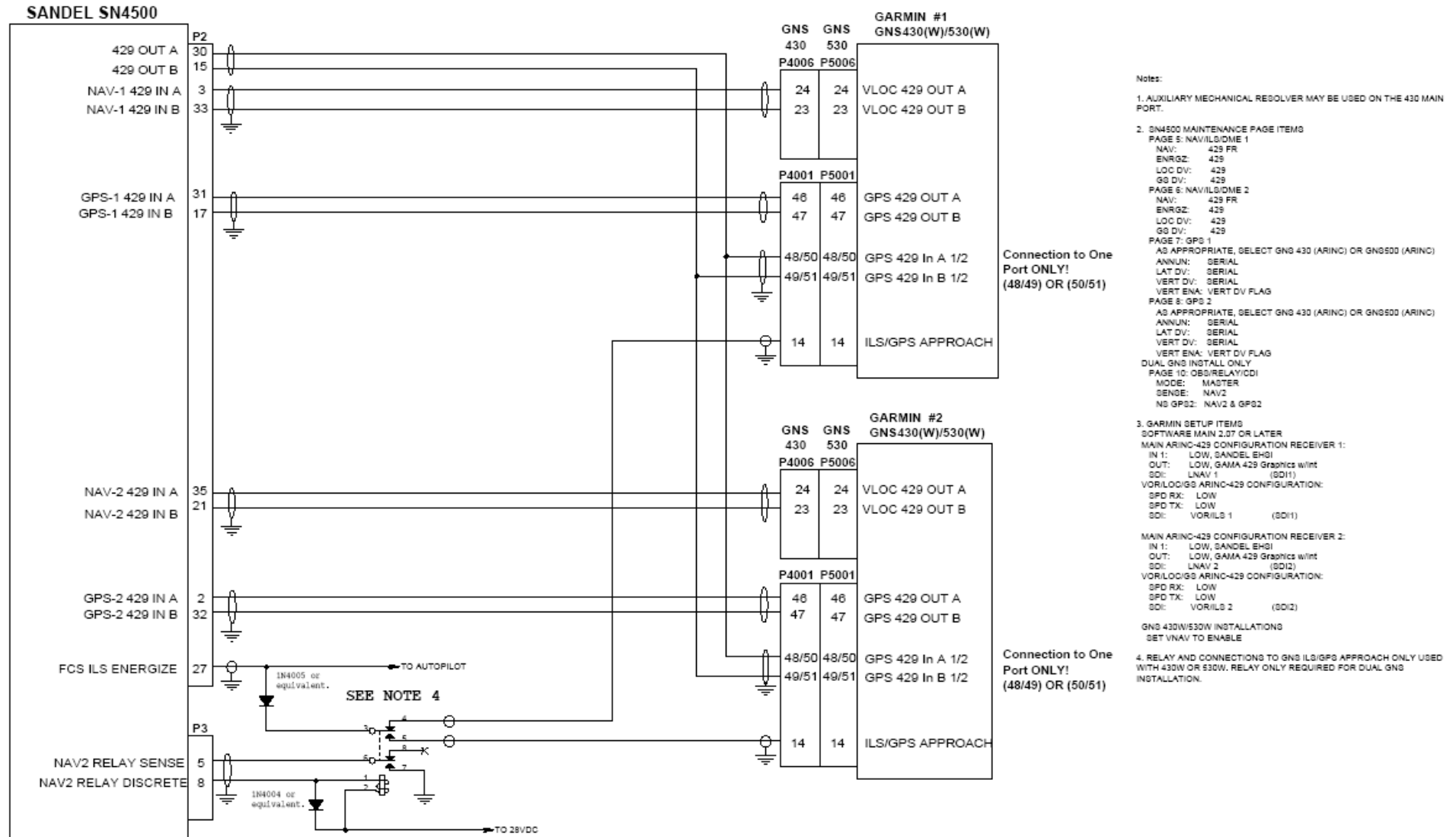
Customer discretion

Warranty

None

Documentation

Sandel SN4500 interface to Garmin GNS 430W/530W receiver drawing



End