

Installation Manual, document number 82010-IM

Revision Number B1

(Consists of 4 pages: one instruction page and three revision pages)

Instructions:

Update your Installation Manual, document number 82010-IM, Revision B to B1, as instructed below. Changes on pages iii and 4-1 are shown with “*Revised*” in the margin; changes to the drawing are shown in the revision box.

Page	Update	Instructions
iii	Revision History	Insert B1 update adjacent to page iii and line out existing Revision B page iii.
4-1	Connector Pin Correction	Insert B1 update adjacent to page 4-1 and line out existing Revision B page 4-1.
Drawing 82010-10, sheet 4	Pin strapping	Replace existing 82010-10, sheet 4, revision B with updated 82010-10, sheet 4, revision B1.

REVISION HISTORY		
Revision	Date	Comments
B1	30-AUG-2007	Following three pages updated for Revision B1: Page iii, Revision History updated with B1 changes Page 1-4, Table 4-1 Pin labels for SA-4550-1xx corrected Drawing 82010-10 sheet 4, Pin strapping corrected for Collins Alt-50 and ARINC 552.
B	18-JUNE-2007	Additional Maintenance Page descriptions added.
A	04-MAY-2007	Initial release

Revised

1 Setup Procedures

4.1 General

Setup procedures for the SA4550 are described along with the Maintenance Menu below. The Maintenance Menu is accessed and addressed through the use of pushbuttons and the Selected Heading knob.

4.2 Accessing the Maintenance Menus

To access the Maintenance Menus perform the following operations:

- A. Prior to applying power to the SA4550, press both the [M] button and the [ATT TEST] Button, then apply power to the unit. Continue to hold until the first maintenance menu appears. This protocol insures that maintenance menus cannot be called up accidentally during flight.
- B. Once the Maintenance Menu is entered, rotate the rotary knob to cycle the through the page selections on the INDEX page. Press [M] to select desired page. On some menus additional soft key legends will appear as prompts.
- C. Escape the maintenance menus by pressing and holding the [MINS] knob. This will allow normal operation of the unit to test the effects of settings. Re-enter the maintenance pages pressing and holding the [MINS] knob.
- D. To disable maintenance menu operation, power down and restart normally. All configured items are stored in non-volatile memory.

4.3 Equipment/Configuration Selections

Table 4-1 defines the supported Radar altimeters and rear connector configuration settings.

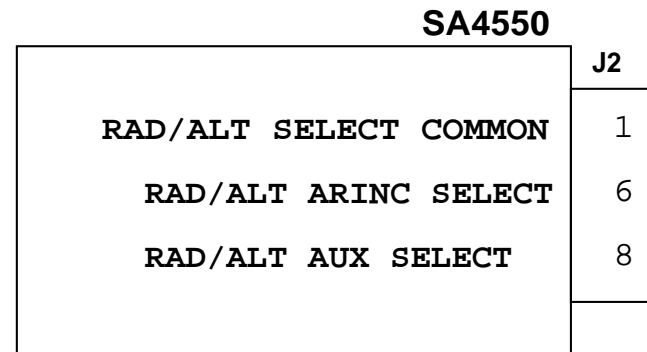
Table 4-1: Radar Altimeter Configuration				
Type	SA4550-0XX J2-K	SA4550-0XX J2-L	SA4550-1XX J2-8	SA4550-1XX J2-6
Sperry AA-215/236/300	Open	Open	Open	Open
ARINC 552	Open	Connect to J2-J	Open	Connect to J2-1
Collins ALT-50	Connect to J2-J	Open	Connect to J2-1	Open
Collins ALT-55	Connect to J2-J	Connect to J2-J	Connect to J2-1	Connect to J2-1

Revised

COMPUTER CONTROLLED DRAWING
DO NOT REVISE MANUALLY

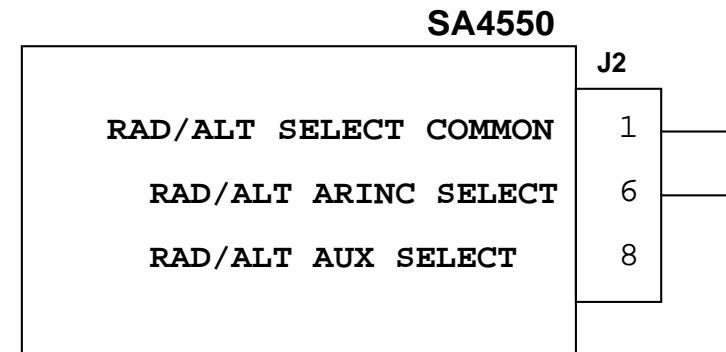
DATE	REV	COMMENTS
28-APR-2007	A	INITIAL RELEASE
31-JUL-2007	B	CORRECTED RAD ALT SELECTION FOR ARINC 552 AND ALT-50
30-AUG-2007	B1	A/R 925 PIN STRAPPING CORRECTED ON COLLINS ALT-50 AND ARINC 552; NOTE NUMBERING UPDATED

SPERRY AA-215/236/300

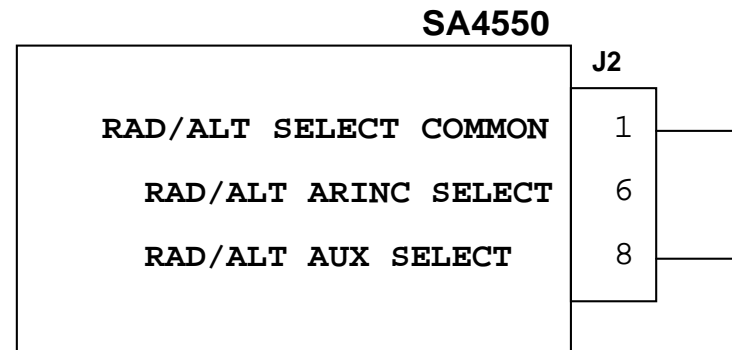


NO CONNECTIONS,
ALL PINS OPEN.

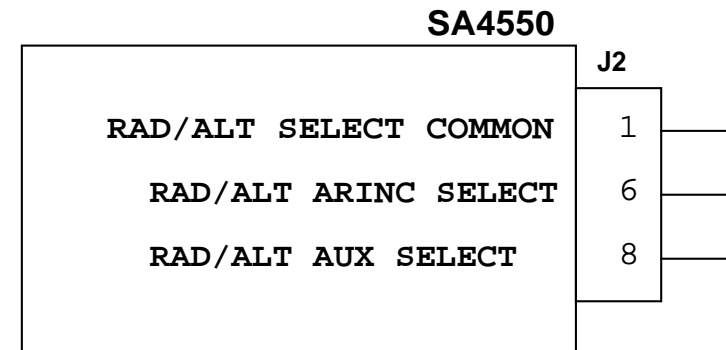
ARINC 552



COLLINS ALT-50



COLLINS ALT-55



NOTES:

1. CONFIGURATION STRAPPING SHOULD BE CONTAINED IN CONNECTOR BACKSHELL HOUSING.
2. STRAPPING MUST BE WIRED EXACTLY PER DRAWING. DO NOT INTERCHANGE GND PINS OR COMMON CONNECTING POINTS.

SANDEL ®		Vista, Ca.
Category SA4550 INSTALLATION DRAWING		
Title RADAR ALT. CFG SA4550-(1xx) SPERRY AD 650		
Size B	Document Number 82010-10	Rev B1
Create:	Mod:	Sheet 4