

## **SIL SG102-01 SG102 AHRS Service Information Letter**

---

Date: 3/6/08

Regarding: SG102 Installation Manual Correction

### **Reason**

In SG102 Installation Manual, 82011-IM Rev A, SG102 P2 pins A and C are shown reversed

### **Applicability**

Applies to Sandel part number SG102-XXX

### **Description**

On drawing 82011-10, page 4 Rev A and page 5 Rev A, SG102 P2 pins A and C are shown reversed. If these connections are wired as originally shown, the KI525 will not slave to the correct heading. If these connections are used, ensure they are made according to the corrected documentation.

### **Compliance**

As required

### **Warranty**

None

### **Documentation**

Discard the original pages, and insert the two attached pages (82011-10, pages 4 & 5, both Rev B) into the installation manual and update the list of effective pages.

These drawings have been corrected in the SG102 Installation Manual 82011-IM, Rev B.

4

3

2

1

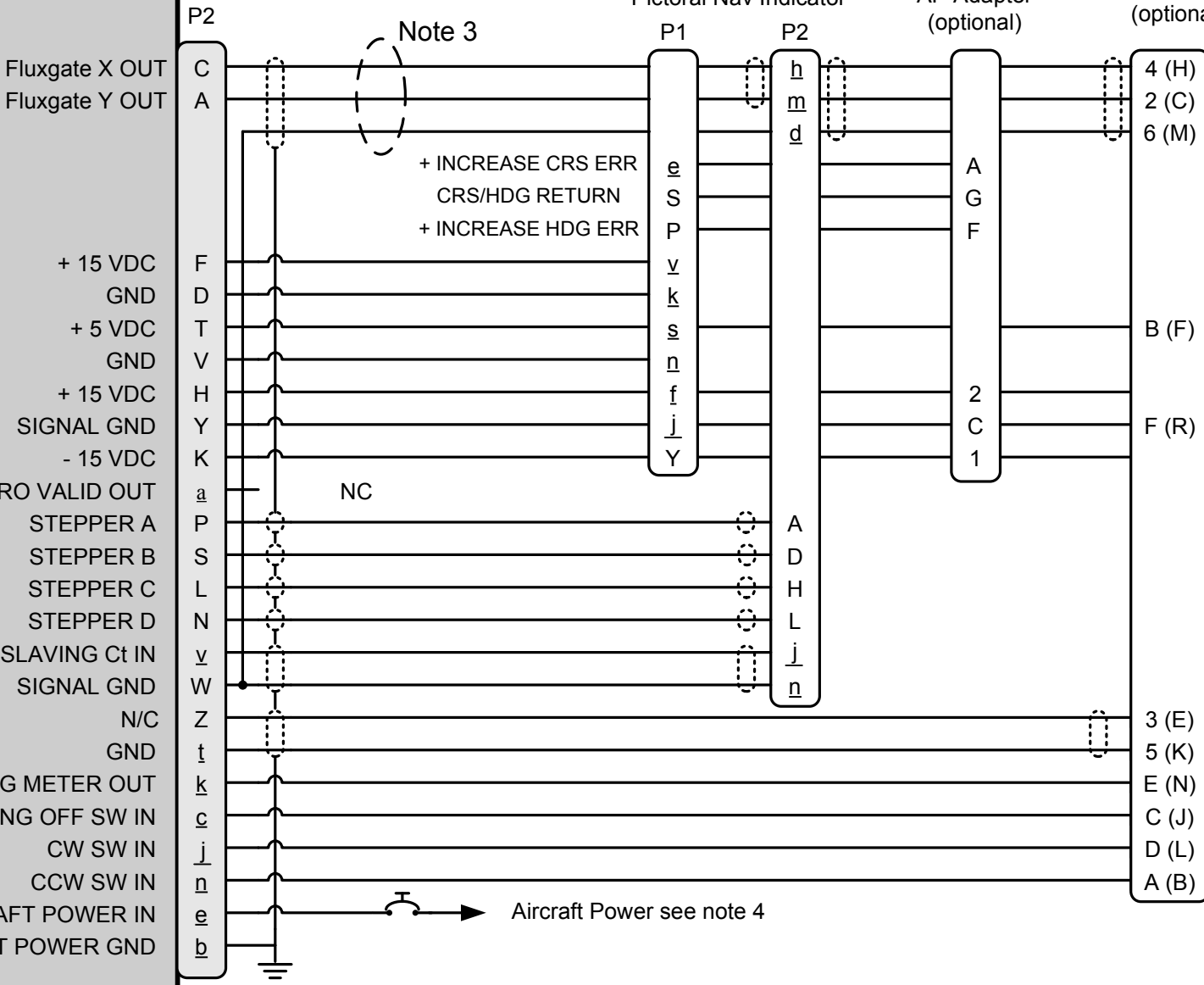
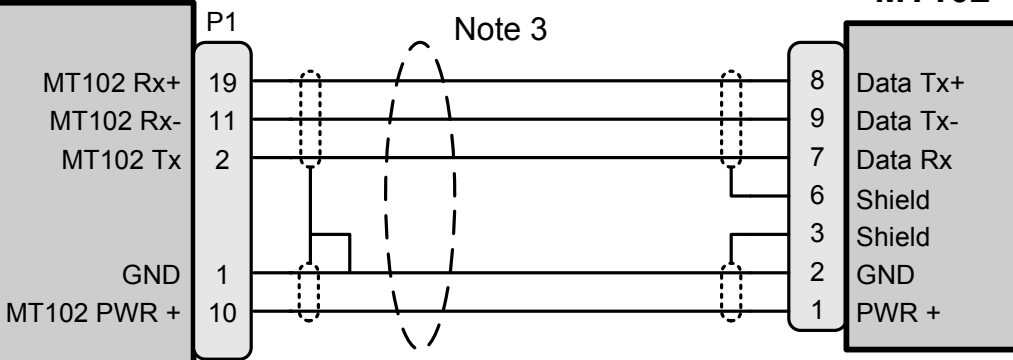
REVISIONS

ZONE	LTR	DESCRIPTION	DATE	APPROVED
All	A	Initial Release	01-DEC-2007	
	B	AR #972 - SG102 P2-A & P2-C swapped	06-MAR-2008	

COMPUTER CONTROLLED DRAWING  
DO NOT REVISE MANUALLY

SG102

MT102



NOTES UNLESS OTHERWISE SPECIFIED

1. This drawing is for reference to existing KCS 55 wiring when replacing a KG102 with an SG102. For additional KCS 55/55A information consult original manufactures installation manual.
2. If a KI525 indicator is not installed this wiring is not required. See sheet 1
3. The KMT112 fluxgate is removed. The circled items are re-routed wires.
4. A 5 amp circuit breaker is required. If installing in a 28 volt system, check existing circuit breaker and replace if necessary. Reference sheet 1 of this drawing set. Use 22 AWG wire. If power is applied to SG102 P1 then power does not need to be applied to P2, see sheet 1 of this drawing set.
5. The KA51/KA51A is not required except if it is desired to retain the original manual slaving switches. If these manual slaving switches are retained they will slave the entire SG102 system (including the Arinc 429 data) and the optional slaving switches shown on sheet 1 are not required.
6. If J2 pins A/C are missing in the original Bendix/King connector, insert new pins (supplied)

**SANDEL**® VISTA, CA.

REFERENCE ONLY:  
KI525 (NON-A) WITH SG102 SYSTEM

SIZE	CAGE CODE	DWG NO.	REV
B	3T1Z4	82011-10	B
SCALE	NONE		SHEET 4 of 5

4

3

2

1

4

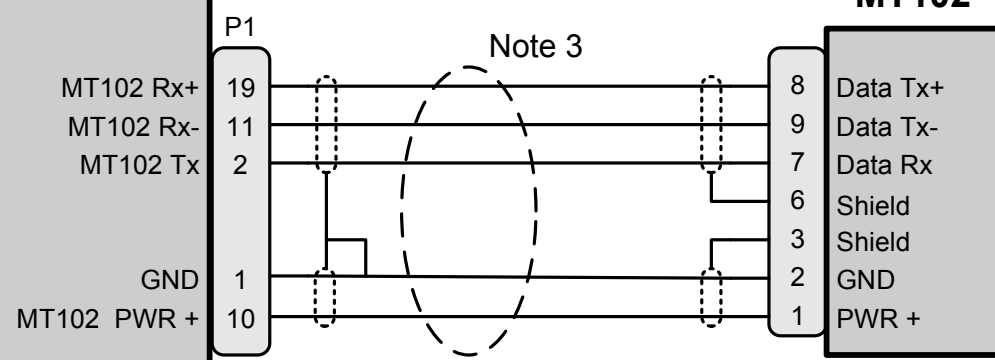
3

2

1

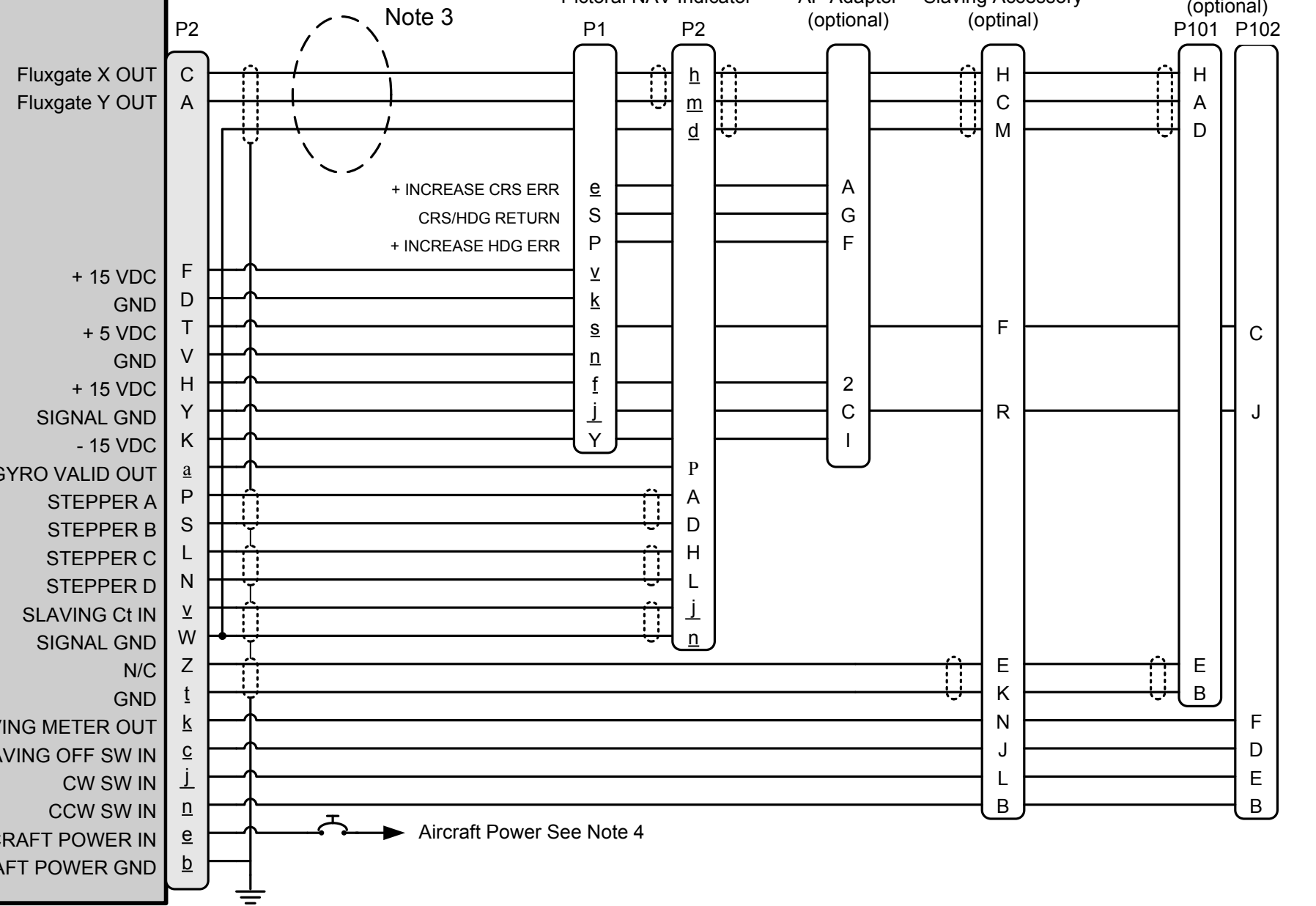
### SG102

### MT102



REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
All	A	Initial Release	01-DEC-2007	
	B	AR #972 - SG102 P2-A & P2-C swapped	06-MAR-2008	

COMPUTER CONTROLLED DRAWING  
DO NOT REVISE MANUALLY



#### NOTES UNLESS OTHERWISE SPECIFIED

1. This drawing is for reference to existing KCS55-A wiring when replacing a KG102 with an SG102. For additional KCS 55/55A information consult original manufactures installation manual.
2. If a KI525 indicator is not installed this wiring is not required. See sheet 1
3. The KMT112 fluxgate is removed. The circled items are re-routed wires.
4. A 5 amp circuit breaker is required. If installing in a 28 volt system, check existing circuit breaker and replace if necessary. Reference sheet 1 of this drawing set. Use 22 AWG wire. If power is applied to SG102 P1 then power does not need to be applied to P2, see sheet 1 of this drawing set.
5. The KA51/KA51A is not required except if it is desired to retain the original manual slaving switches. If these manual slaving switches are retained they will slave the entire SG102 system (including the Arinc 429 data) and the optional slaving switches shown on sheet 1 are not required.
6. If J2 pins A/C are missing in the original Bendix/King connector, insert new pins (supplied)

**SANDEL**® VISTA, CA.

TITLE: **REFERENCE ONLY: KI525-A WITH SG102 SYSTEM**

SIZE: <b>B</b>	CAGE CODE: 3T1Z4	DWG NO.: <b>82011-10</b>	REV: <b>B</b>
SCALE: NONE		SHEET 5 of 5	

4

3

2

1

D

D

C

C

B

B

A

A