



sabena B707	Module: E&E + LWR NOSE C	A/C Reg :	Check :	 D4G2000308
	Oper. : NRT			
	Type : MODIF	Issuer : A59513	Cert.St.: 45379	
Spec. : ELECTRICIAN	Release Date: 05.12.2007		Page 1 of 10	


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		MAINT	RII/INSP
Execution / Start Date:			
End Date:			

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					MAINT	RII/INSP
Nr.	Hardtime	Task	Spec.	Related Documents		
1.			REI	DFW B707-34-548 rev 0		
Check:						
Zones:						
Access:						
NRC YES <input type="radio"/> NO <input type="radio"/>		IF YES, NUMBER(S):				
<p>GPS SYSTEM – CORRECTION OF THE PIN PROGRAMMING TO SELECT THE DIGITAL PRESSURE AIR DATA INPUT WHICH IS ACTIVATED WITH THE INSTALLATION OF THE AIR DATA DISPLAY UNITS (ADDU) AS PART OF THE AUTOPILOT/RVSM MODIFICATION.</p> <p>A. General information:</p> <p>CAUTION: KEEP THE WORK AREA, WIRES AND ELECTRICAL BUNDLES CLEAN OF METAL PARTICLES OR CONTAMINATION WHEN YOU USE TOOLS. UNWANTED MATERIAL METAL PARTICLES OR CONTAMINATION CAUGHT IN WIRE BUNDLES CAN CAUSE DAMAGE TO THE BUNDLES. DAMAGED WIRE BUNDLES CAN CAUSE SPARKS OR OTHER ELECTRICAL DAMAGE.</p> <p>NOTE: 1 Obey all warnings and cautions given in the specific manual sections.</p> <p>2 Refer to the Boeing Standard Wiring Practices Manual 20-10-11 and 20-10-12 for the wire installation procedures.</p> <p>B. Work instructions:</p> <p>1. Remove electrical power from airplane. Use independent power source for the work lights.</p> <p>2. Gain access to the LH radio rack shelf 4</p> <p>3. Remove GPS Navigation processor unit RM9131 in accordance with MM 34-53-01 page 101</p> <p>4. Perform wiring modification as shown in figure 1.</p> <p>5. Install GPS Navigation processor unit RM9131.</p> <p>6. Perform functional test in accordance with the modified instructions given in the functional system check-out procedures on para C. (ref. MM 34-53-03 page 501 ff)</p>						

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22. Verify Antenna select indicates 40DB antenna selected. If 26 DB is indicated, remove ground wire from NPU connector pin TP-99.

ANT 40DB / 26DB	TP-99
40 DB	Open

23. Verify desired HSI output selection is indicated. See table below for the pin selector on the NPU.

HSI 1, HSI 2, HSI 3	BP-23 HSI Sel 1	BP-24 HSI Sel 2
HSI 1 BRG	Open	GND
HSI 2 DTK		
HSI 3 TKE		

Table 4-4: pin selector on the NPU.

Note: If HSI output select pin-out is in error, checkout may continue by manually selecting correct synchro outputs.
(Press CLEAR twice, then EDIT until correct output selection is displayed, then ENTER).

Note : Color coding of the "HSI" labels is used to indicate the North reference used for synchro and CDU outputs.

If "HSI" is displayed in cyan, reference used is Magnetic North;

if "HSI" is displayed in white, reference used is True North

24. Verify HSI is displayed in Cyan.

25. Press the UP ARROW key to display the Maintenance History Page.

MAINT HISTORY

0 FAULTS

SINCE 950504

12:42:38

MENU +


26. Press clear.

MAINT HISTORY

PRESS ENT
TO ERASE
FAULT
HISTORY

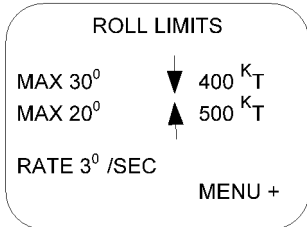
MENU +

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27. Press the DOWN ARROW key to display the Roll Limits page



28. Press the AUX, 1 keys on the ARINC CDU. interface Check Page 1.

Note: *In to Interface Check Procedures below, CDI left means the CDI needle moves to the left of center, CDI right means the CDI needle moves to the right of center, GSLOPE up means the glideslope needle moves up, and GSLOPE down means the glideslope needle moves down.*

29. Verify: CDI = 1/2 scale left

a) Press the * key to display Interface Check Page 2/6.

30. Verify: CDI = full scale left

a) Press the * key to display Interface Check Page 3/6.

31. Verify: CDI = 1/2 scale right

a) Press the * key to display Interface Check Page 4/6.

32. Verify: CDI = full scale right

a) Press the * key to display Interface Check Page 5/6.

33. Verify: CD1 = Centered

a) Press the * key to display Interface Check Page 6/6.


34. Verify: CDI = Centered

Note: *Selection of Interface Check Page 6 will normally disconnect flight instruments from the TNL8100 system as the flags from the TNL8100 are invalid.*

Note: *The Approach Mode flag will be ON for Interface Pages 1, 3 and 5; and OFF for Pages 2, 4 and 6..*

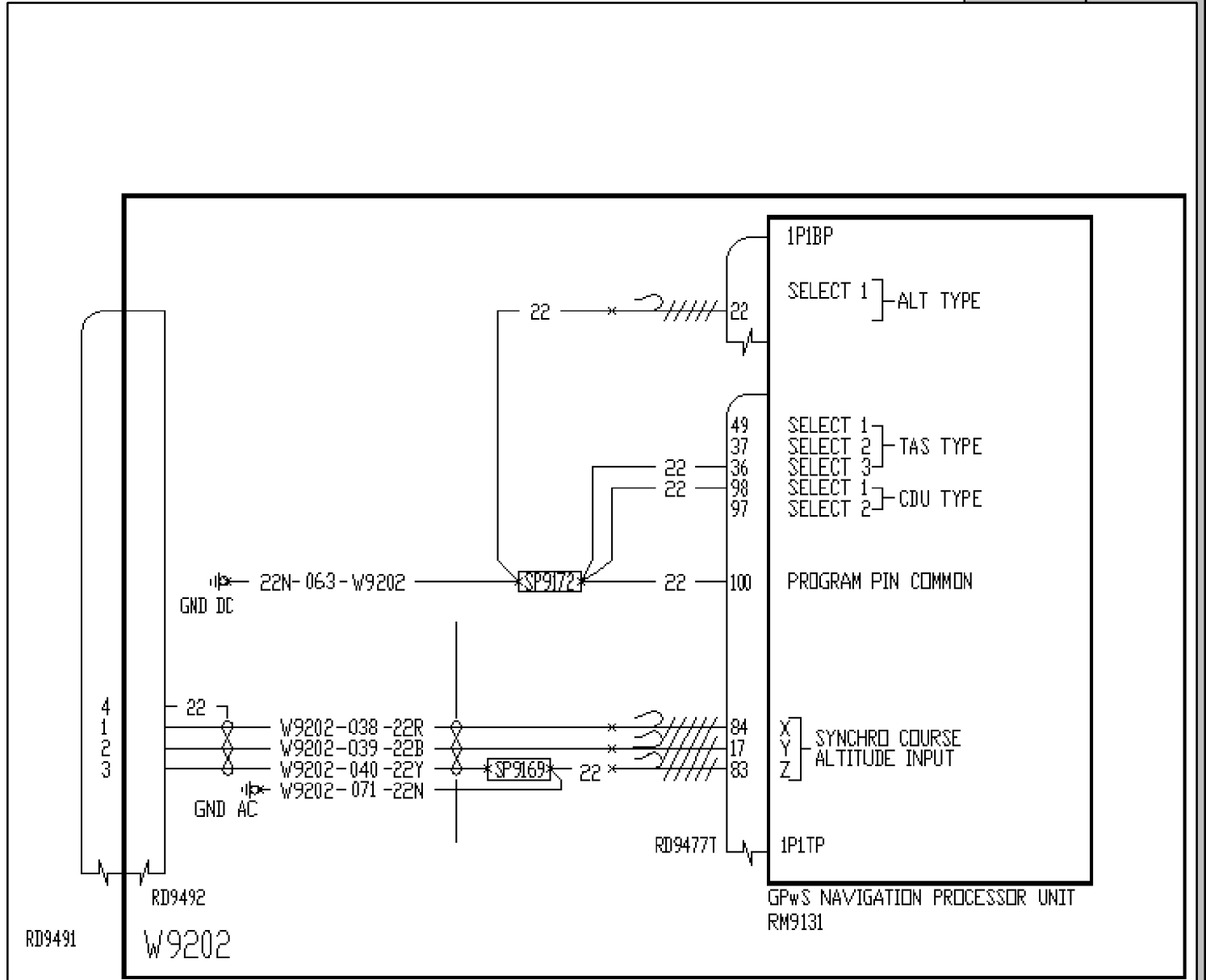
Note: *When Interface Check is initiated, the TNL8100 will turn on the output flags in sequence, checking each for possible shorts to ground. Because of this, some flags may take up to 4 seconds to be turned on.*

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MAINT RII/INSP



LH RADIO RACK SHELF 4

 CAP AND STOW WIRE AS INDICATED

FIGURE 1 - GPS WIRE MODIFICATION (ref WDM 34-70-02 page 1)

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Accomplishment Report

Note:

Please send this Accomplishment Report to ESEC and attach it to the CDRL30 (DLM Report) if applicable.

Subject:

Model:

Accomplished at (Tailnumber):

Date of Accomplishment:

Description of Deviations:

Findings:

Carry Overs:

SOR Statements:

Executed/performed by:

SOR Engineering Representative:

SOR Quality Assurance:

Name:

Name:

Name:

Date:

Date:

Date:

SOR:

Signature:

Signature:

Signature: