

AIRCRAFT CHECK WORK SUMMARY
(Form: SCA/MTC/051)

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED		
09-February-2022	WO/003-SNI/II/2022	MODE S CONFIG			
A/C Type	Mfg. Serial Number	A/C Registration			
C208B	C208B-5068	PK-SNI			
AIRCRAFT DATA					
Subject	Pos #	Serial Number (SN)	TTSN/TCSN		
Engine	#1	PCE-VA0073			
	#2	-			
Propeller/Rotor	#1	BUA29788			
	#2	-			
Landing Gear	NLG				
	LH MLG				
	RH MLG				
PACKAGE COVERED					
No	Subject	Qty	Remark		
1	Non-Routine Card				
2	Inspection Card				
3	Work Order	1			
4	Summary Inspection List	1			
5	Material and Tool List	-			
6	Escalation form	-			
7	CRS (SMI / Unscheduled Maintenance)	1			
INSPECTION CARD (IC) LIST (Finding during maintenance)					
No	Taskcard Ref	Subject	Status		Name/ Sign & Stamp
			Open	Close	
<u>IC-001</u>					
<u>IC-002</u>					
<u>IC-003</u>					
<u>IC-004</u>					
<u>IC-005</u>					
<u>IC-006</u>					

<u>IC-007</u>					
<u>IC-008</u>					
<u>IC-009</u>					
<u>IC-010</u>					
<u>IC-011</u>					
<u>IC-012</u>					
<u>IC-013</u>					
<u>IC-014</u>					
<u>IC-015</u>					

Prepared by :
Technical Support

Checked by :
Chief Maintenance

Verified by :
Chief Inspector

Approved by :
Technical Manager

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SUMMARY INSPECTION ITEMS
(Form: SCA/MTC/050)

WO Ref: WO/003-SNI/II/2022

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	NRC-001	MODE S TRANSPONDER CONFIGURATION				



NON ROUTINE CARD
(Form: SCA/MTC/047)

1. JO/WO #	2. DATE	3. MTC TYPE	4. A/C REG/MSN
WO/003-SNI/II/2022	09-Feb-2022	Configuration	PK-SNI
5. CARD #	6. ATA SPEC	7. TRADE	8. STA
#001			
9. ZONE	10. PANEL		

11. DESCRIPTION			
PERFORM MODE S TRANSPONDER CONFIGURATION (G1000)			
REFERENCE	☒ G1000 Cessna Caravan Man	☐ EMM Ch	☐ OTHER
RII (*)	☐ Y	☒ N	MHR :

12. RESULT			MECH	ENG	INSP (*)
Performed at A/C TT : A/C TC /LDG :					
FINDING	☐ Y	☐ N	ACT MHR :	DATE/TIME (DD/MM/YY)	
INSPECTION CARD (IC) #					

13. PARTS REQUIRED				
DESCRIPTION	PART NO	QTY	REMARK	
			STOCK	STATUS

14. TOOLS REQUIRED			
DESCRIPTION	PART NO / MODEL	NEXT CALIBRATION DATE	STATUS



**ALOKASI SSR MODE S CODE
ALLOCATION OF SSR MODE S CODE**

**DIREKTORAT JENDERAL PERHUBUNGAN UDARA
Directorate General of Civil Aviation
DIREKTORAT NAVIGASI PENERBANGAN
Directorate of Air Navigation**

Jalan Medan Merdeka Barat No. 8 Gdg Karya Lt 23 - Jakarta Pusat
Tlp. (021) 350 6451 / (021) 3811308 ext. 5163, Fax. (021) 350 7569

1. Nomor Surat : DNP.0025/MODES/2/2022
(Letter Number)

2. No. Pendaftaran : 2309
(Registration Number)

3. Nama Pemilik : PT. SMART CAKRAWALA AVIATION
(Name Of Owner)

4. Alamat Pemilik : GEDUNG SMARTDEAL LT.4 JALAN CIDENG TIMUR NO 16A
(Address of Owner)

Registrasi Pesawat (A/ C REG)	Tipe Pesawat (A/ C TYPE)	Nomor Seri (S/ N)	SSR MODE S ALLOCATION (Binary)	SSR MODE S CODE (Hexa)
PK-SNI	CESSNA C208B	208B5068	1000 10 100 000 10 01 0000 0101	8A0905

Alokasi SSR Mode S Code tidak dapat dialihkan kepada pesawat udara lain.
(SSR Mode S Address can't be transferred to another aircraft)

Pemilik Pesawat Udara wajib melaporkan kepada Ditjen Perhubungan Udara secara periodik setiap 2 (dua) tahun pada bulan Januari terkait penggunaan tanda alokasi SSR Mode S Code sesuai ketentuan yang berlaku.

(Air Operator shall report periodically to the DGCA every 2 (two) years in January regarding to the use of SSR Mode S Code allocation in accordance with applicable regulations.)

Alokasi kode berlaku sepanjang pesawat udara masih dioperasikan.

Alokasi kode dinyatakan tidak berlaku apabila :

- Pesawat udara sudah tidak beroperasi;
- Pesawat udara sudah dipindahtangankan ke pihak lain;
- Pesawat udara mengalami perubahan tanda pendaftaran.

Jakarta, 06 Februari 2022

a.n. DIREKTUR JENDERAL PERHUBUNGAN UDARA
On Behalf Director General of Civil Aviation
DIREKTUR NAVIGASI PENERBANGAN
Director of Air Navigation

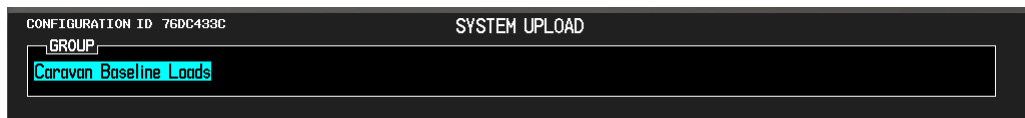
TTD

SIGIT HANI HADIYANTO, S.E. M.M.T.
Pembina Tk.I (IV/b)
NIP. 19740805 199703 1 001

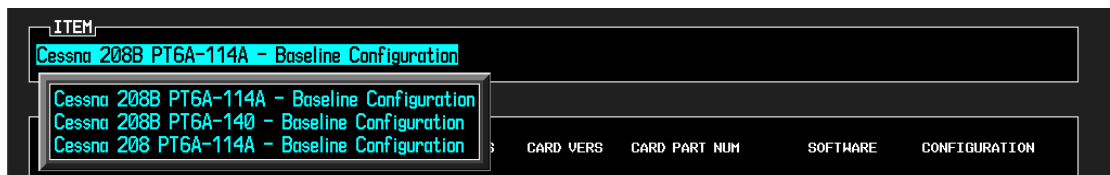


B.2.2 Initial G1000 Software and Configuration Upload

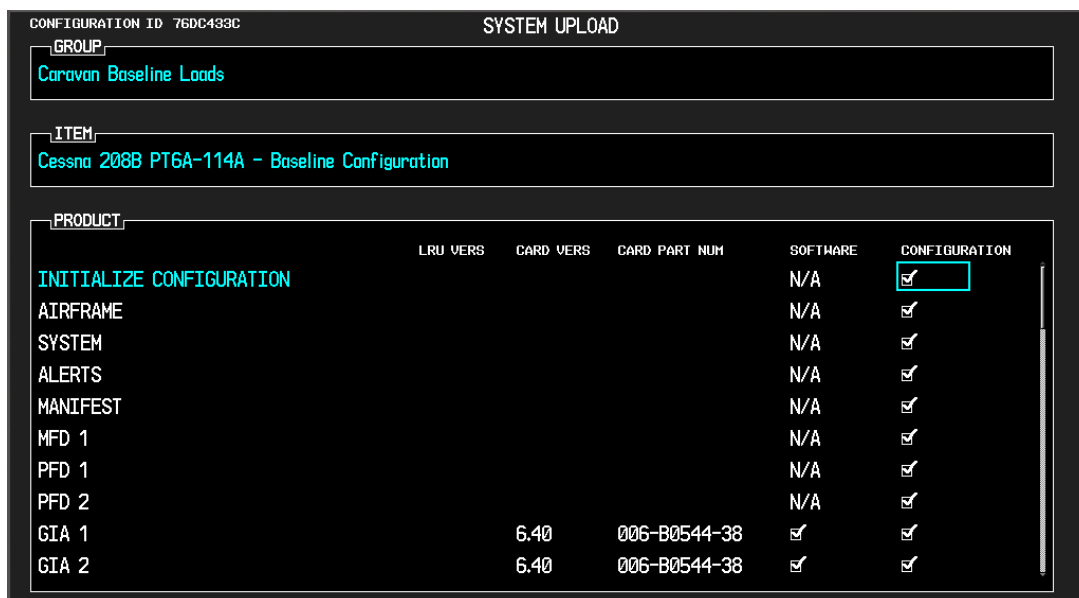
1. Select the SYSTEM UPLOAD page using the FMS knob.
2. Activate the cursor and highlight 'Caravan Baseline Loads' in the GROUP field.



3. Press the ENT key.
4. Highlight the desired baseline configuration in the ITEM field.



5. Press the ENT key (Cessna 208B PT6A-114A show below.)



6. Press the 'LOAD' softkey.
7. Monitor the status of the upload. When the upload is finished, press ENT to acknowledge.
8. View the SUMMARY field and ensure that all items are 'complete'. Verify that PASS appears in green at the check boxes.
9. Deactivate the Cursor.

PRODUCT	LRU VERS	CARD VERS	CARD PART NUM	SOFTWARE	CONFIGURATION
INITIALIZE CONFIGURATION				N/A	☐ PASS
AIRFRAME				N/A	☒ PASS
SYSTEM				N/A	☐ PASS
ALERTS				N/A	☐ PASS
MANIFEST				N/A	☐ PASS
MFD 1				N/A	☐ PASS
PFD 1				N/A	☐ PASS
PFD 2				N/A	☐ PASS

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SUMMARY
Upload of MFD 1 configuration.....COMPLETED
Upload of PFD 1 configuration.....COMPLETED
Upload of PFD 2 configuration.....COMPLETED

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9. Press the UPDT CFG Softkey.
10. Cycle power to all displays to reboot the system.

B.3 CLEAR USER SETTINGS AFTER UPDATING SYSTEM SOFTWARE

To prevent possible data corruption, all user settings must be cleared after any G1000 system software update.

This section provides instructions to allow time for the crossfill function to complete and to clear all user settings after performing any G1000 system software update. Clearing user settings will remove user data including user waypoints, pilot selections, and stored flight plans. If desired, stored flight plans (not user waypoints or pilot selections) can be saved to an SD card. Refer to the Caravan Pilot's Guide for instructions.

1. Following a system software update and configuration load wait at least 10 minutes to ensure completion of the crossfill function before turning the G1000 off, then proceed with the following steps.



Figure B-2. Upload Complete

NOTE

The 10 minute waiting period is only required for system software versions 13.XX and all prior versions.

2. Remove power from PFD1 by pulling the PFD1 circuit breaker.
3. Repeat step 2 for PFD2 and MFD (if applicable).
4. While holding the CLR button on PFD1, reset the PFD1 circuit breaker.
5. Repeat step 4 for PFD2 and MFD (if applicable).
6. When prompted to clear user settings (see Figure B-3), press the YES softkey on each GDU (see Figure 7-4).

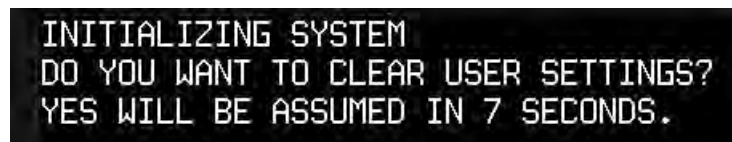


Figure B-3. Initializing System

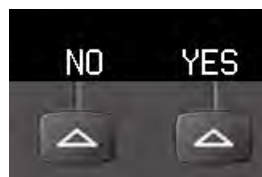


Figure B-4. Select YES Softkey

7. The 'User Settings Cleared' message will be displayed (see Figure 7-5) on each GDU to verify that all user data has been cleared.

USER SETTINGS CLEARED

Figure B-5. User Setting Cleared Annunciation

B.4 OPTIONAL SYSTEMS CONFIGURATION

This section describes the steps that must be completed in order to configure the system with optional equipment. Optional equipment configuration files such as ADF, TAS, etc. must be loaded to enable the optional equipment. If the optional equipment configuration files are not loaded, the optional equipment will not operate with the G1000 system.

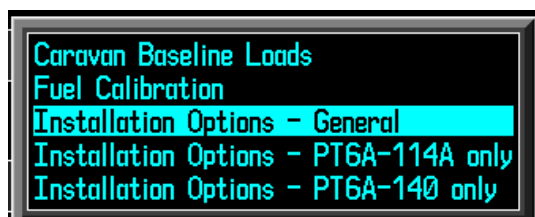
NOTE

If the configuration for an optional system is inadvertently loaded for a system that is NOT installed, the aircraft configuration files must be reloaded. For example, if the ADF option is loaded, and the aircraft is not equipped with an ADF, the default configuration files must be reloaded. All optional systems must be reconfigured after reloading the default configuration files.

General Loading Procedure for Options

NOTE: the following procedure is used to load any option.

1. Activate the cursor and rotate the FMS knob once to activate the GROUP menu on the System Upload page.
2. Select the desired options group from the GROUP window and press ENT.



3. Select the desired option from the ITEM window, and press ENT.



4. Press the LOAD softkey.
5. Monitor the status of the upload. When the upload is finished, press ENT to acknowledge.

CONFIGURATION ID: A07254E5 SYSTEM UPLOAD

GROUP
Installation Options - General

ITEM
Cessna Caravan - GTS 820 TAS Installation Option

PRODUCT

	LRU VERS	CARD VERS	CARD PART NUM	SOFTWARE	CONFIGURATION
AIRFRAME				N/A	☐ PASS
SYSTEM				N/A	☐ PASS
MANIFEST				N/A	☐ PASS
GIA 1				N/A	☒
GIA 2				N/A	☒
GTS - SYS			-06	☒	N/A
GTS - FPGA			-10	☒	N/A
GTS - CNFG				N/A	☒

Uploading GIA 1 configuration
CONFIGURING GIA #1
...WAITING...

SUMMARY
Upload of AIRFRAME configuration.....COMPLETED
Upload of SYSTEM configuration.....COMPLETED
Upload of MANIFEST configuration.....COMPLETED
Upload of GIA 1 configuration.....

CANCEL

6. View the SUMMARY field and ensure that the load is complete. Verify that PASS appears in green at the check boxes.
7. Deactivate the cursor.
8. Press the UPDT CFG Softkey.
9. Cycle power to all displays to reboot the system.

B.5 GENERAL LOADING PROCEDURE FOR UNLOCK CARD OPTIONS

The following options need to be reloaded from enable/unlock cards. The same procedure that is used for loading general options is used for loading unlock card options.

- SVT
 - TAWS
 - ChartView
 - SAR
 - ADS-B
1. Activate the cursor and rotate the FMS knob once to activate the GROUP menu on the System Upload page.
 2. Select 'Options' from the GROUP window and press ENT.
 3. Select the desired option from the ITEM window, and press ENT.
 4. Press the LOAD softkey.
 5. Monitor the status of the upload. When the upload is finished, press ENT to acknowledge.
 6. View the SUMMARY field and ensure that the load complete. Verify that PASS appears in green at the check boxes.
 7. De-activate the cursor. After the software and configuration files are loaded, press the "UPDT CFG" softkey.
 8. Cycle power to all displays to reboot the system. Turn off the system and reinsert the Supplemental Database Cards in the bottom slot of each display. Be sure to insert the card removed from the MFD back into the MFD.

B.6 FINAL CONFIGURATION ITEMS

Aircraft Registration Number Entry

Configuration of the address is performed through the Aircraft Configuration Page.

B.6.1 Aircraft Configuration Page

LRU Configuration Status

A green checkbox indicates that the unit is properly configured and is communicating normally. A yellow question mark symbol indicates that the unit configuration is invalid. A red x indicates or that the unit is not communicating properly.

1. Select the AIRCRAFT CONFIGURATION Page:

The screenshot displays the 'AIRCRAFT CONFIGURATION' page. At the top, the title 'AIRCRAFT CONFIGURATION' is centered. Below it, there are two main sections. The first section, 'LRU CONFIGURATION STATUS', contains three items: 'GTX 1' with a red 'X' icon, 'GTX 2' with a red 'X' icon, and 'GTS' with a red 'X' icon. The second section, 'AIRCRAFT CONFIGURATION', contains five fields: 'AIRCRAFT REGISTRATION' with the value 'N', 'ICAO ADDRESS' with the value 'A000000', 'IATA AIRLINE DESIGNATOR' (empty), 'COUNTRY CODE' (empty), and 'VFR CODE' with the value '1200'. At the bottom of the screen, there is a row of softkeys: 'SET GTX1', 'SET GTX2', 'SET GTS', and several empty slots.

AIRCRAFT CONFIGURATION									
LRU CONFIGURATION STATUS									
GTX 1	✖	GTX 2	✖	GTS	✖				
AIRCRAFT CONFIGURATION									
AIRCRAFT REGISTRATION	N								
ICAO ADDRESS	A000000								
IATA AIRLINE DESIGNATOR									
COUNTRY CODE									
VFR CODE	1200								
SET GTX1	SET GTX2	SET GTS							

2. Press the FMS knob. The cursor will appear in the aircraft registration line.
3. Using the small FMS knob enter the Aircraft Tail number. Rotate the small FMS knob to select the character in the selected field. Rotate the large FMS knob to select the field. The ICAO Address will auto-populate once the aircraft registration is entered.
4. Press the SET GTX1 softkey to program the #1 Transponder. Select OK on the confirmation window. Press the SET GTS softkey to program the GTS. Select OK on the confirmation window.

-
5. Press the SET GTX2 softkey to program the #2 Transponder if installed. Select OK on the confirmation window.
 6. The Transponder configuration is now complete.

B.7 UPDATING THE CONFIGURATION MODULE

After completing all configuration and software loading procedures, restart the system in configuration mode and update the configuration module by doing the following:

1. Select the System Upload Page.
2. Press the UPDT CFG softkey located in the lower right corner of the System Upload page.
3. 'Update Config Module?' is displayed.
4. Select YES and press the ENT key.
5. The system will update the configuration module located in the PFD connector and prompt the technician when successfully complete. Press the ENT key to acknowledge the prompt.