



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : INSPECTION DOC. 20, DOC. 21, DOC. 22	No.	WO/029-SNV/XII/2022
	Date	7 Dec 2022
	A/C Reg.	PK-SNV C208B-5551
Reference : MP C208B Rev. 12	Prepared By	TS
	Checked By	CI
	Approved By	TM

To : Engineer In Charge

Description :

1. Perform Inspection Doc. 20, Doc. 21, Doc. 22
2. Make an entry in Maintenance Log.
3. Return the Completed Work Order and Form to PPC.

#If any finding, please close the routine card, and transferred to inspection card.

Additional Work :

Compliance Statement	Sign & Date Company Lic. No.:  Viki ARIANTHA (Engineer In Charge)	Signature  (Technical Manager)
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AIRCRAFT CHECK WORK SUMMARY
(Form: SCA/MTC/051)

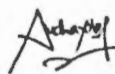
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DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED	
7 Dec 2022	WO/029-SNV/XII/2022	INSP.DOC. 20.21.22	22 DEC 2022	
A/C Type	Mfg. Serial Number	A/C Registration		
C208B	C208B-5551	PK-SNV		
AIRCRAFT DATA				
Subject	Pos #	Serial Number (SN)	TTSN/TCSN	
Engine	#1	PCE-VA0607	3147:25 / 5208	
	#2	-	-	
Propeller/Rotor	#1	181160	3147:25	
	#2	-	-	
Landing Gear	NLG		3147:25 / 5208	
	LH MLG		3147:25 / 5208	
	RH MLG		3147:25 / 5208	
PACKAGE COVERED				
No	Subject	Qty	Remark	
1	Non-Routine Card	-		
2	Inspection Card	1	✓	
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 Open Close	Name/ Sign & Stamp
<u>IC-001</u>				
<u>IC-002</u>				
<u>IC-003</u>				
<u>IC-004</u>				
<u>IC-005</u>				
<u>IC-006</u>				

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<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



Hani

Checked by :
Chief Maintenance



Dodit

Verified by :
Chief Inspector



Yanuar

Approved by :
Technical Manager



Istiono

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

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WO Ref: WO/029-SNV/XII/2022

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	CHAPTER 26	INSP. DOC. 20 – ELT FUNC.CHECK	22 / 2022 DEC		VANI ANANTA	
2	CHAPTER 27	INSP. DOC. 21 – PITOT-ALTIMETER TEST	22 / 2022 DEC		VANI ANANTA	
3	CHAPTER 28	INSP. DOC. 22 – TRANSPONDER FUNCT. TEST	22 / 2022 DEC		VANI ANANTA	



PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE SCHEDULED MAINTENANCE INSPECTION (CRS-SMI)

A/C TYPE : CESSNA 208B	TTSN : 3147 : 25
A/C REG : PK-SNV	TCSN : 5208
MSN : C208B-5551	DATE : 21 DEC 2022

TYPE OF INSPECTION : INSPECTION ELT, TRANSPONDER, ALTIMETER PITOT
 DUE AT : ANNUAL & 24 MTHS
 REFF : MP 208/208B REV. 12

EXCEPTION

NO EXCEPTION

AUTHORIZED PERSON

I hereby certify that this aircraft has been maintained accordance with CASR and Maintenance Program.
 Aircraft safe and airworthy for flight

NAME	CAT	AMEL/OTR NO	SIGN&STAMP	DATE
VANI ANANTA	AIRFRAME & POWER PLANT	9655 / SCA 30	 	22 / 2022 DEC
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : ELT, TRANSPONDER, ALTIMETER / PITOT STATIC
 DUE AT : ANNUAL + 24 MONTHS

Form: SCA/MTC/049

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	INSPECTION CARD (Form: SCA/MTC/048)	TECHNICAL DEPARTMENT
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1. CARD #	2. JO/WO #	3. ORIGINATOR	4. CARD REF	5. DATE
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #	
9. ZONE	10. STA	11. MTC TYPE		

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14 PPC/ENG	15 DATE

16. CORRECTIVE ACTION	17 MECH	18 ENG. LIC	19 DATE
Performed at A/C TT : A/C TC /LDG :			

20. CORROSION INFORMATION			
LOCATION	CAUSE OF DAMAGE		
	☐ Environment		
	☐ Internal Leakage		
	☐ Chemical Spill		
CORROSION ☐ Isolated ☐ Widespread	☐ LAV/Galley Spill		
CORROSION LVL ☐ 1 ☐ 2 ☐ 3	☐ Blocked Drain		
PROPOSED ACTION ☐ Doublers	☐ Wet Insulation Blanket		
☐ Others	☐ Other		
21. If the defect is RII, Please Sign this card finally by RII Inspector		INSP	DATE
NOTICE OF INSPECTOR			

22. PARTS REQUIRED						
PART DESCRIPTION	PART NO	QTY	SERIAL NO		STATUS	
			ON	OFF	CLOSE	OPEN

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

MAINTENANCE PROGRAM CESSNA C208/C208B

Chapter 26 – Inspection Document 20

Reg. Mark : PK - SNV Date : 22 DEC 2022
MSN : C208B - 5551 Station : KOE
TSN / CSN : 3147:25 / 5202 WO No. : WD/C208-PK-SNV/XII/2022

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
B256005	220 311 312 340	ARTEX C406-N Emergency Locator Transmitter (ELT) Functional Check Task 25-60-00-722		
*** End of Inspection Document 20 Items ***				

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
VANI ANANTA	ENGINEER		9655

RETURN TO SERVICE

The work recorded above has been carried out in accordance with the requirements of the Civil Aviation Safety Regulation for the time being in force and in that respect the aircraft is consider fit for Release to Service.

Name : VANI ANANTA  Stamp : 
Signature :  Place/Date : KOE / 22 DEC 2022

MAINTENANCE PROGRAM CESSNA C208/C208B

Chapter 27 – Inspection Document 21

Reg. Mark : PK - SNV Date : 22 DEC 2022
MSN : C208B-5551 Station : KOF
TSN / CSN : 3147:25 / 5208 WO No. : WD/C208-PK-SNV/X11/2022

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
B341103	AUX	Pitot/Static System Functional Check Task 34-11-00-720		
*** End of Inspection Document 21 Items ***				

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
VANI ANANTA	ENGINEER		3659

RETURN TO SERVICE

The work recorded above has been carried out in accordance with the requirements of the Civil Aviation Safety Regulation for the time being in force and in that respect the aircraft is consider fit for Release to Service.

Name : VANI ANANTA  Stamp : 
Signature :  Place/Date : KOF / 22 DEC 2022

Chapter 28 – Inspection Document 22

Reg. Mark : PK-SNV Date : 22 DEC 2022
MSN : C 208B - 5551 Station : KOE
TSN / CSN : 2447:25 / 5208 WO No. : WO/C208-PK-SNV/K11/2022

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
B345001	AUX	Transponder Functional Check Task 34-50-00-720		
*** End of Inspection Document 22 Items ***				

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
VANI ANANTA	ENGINEER		9639

RETURN TO SERVICE

The work recorded above has been carried out in accordance with the requirements of the Civil Aviation Safety Regulation for the time being in force and in that respect the aircraft is consider fit for Release to Service.

Name : VANI ANANTA Stamp : 
Signature :  Place/Date : KOE / 22 DEC 2022

elt - 2022-12-22 15:57:25

=====
Result
=====

Full Message

E0D32 5BF31 A4D78 99DAB 4FE0F F0F61

Hex ID

C1A64 B7E63 49AF1

Message Format

Long

Protocol Flag

User

Country Code

525 - Indonesia

Aircraft Address

PK-SNV

ELT Number

1st ELT

Radio-Locating

121.5 MHz

Position Data Source

External

Latitude Encoded

127° 0' 0" (Default)

Longitude Encoded

255° 0' 0" (Default)

Power

-22.05 dBm

Frequency

406.0277 MHz

mode_s - 2022-12-22 21:41:16

=====

Initial Test

=====

Frequency
[PASS]: 1089.953 MHz
Replies
[PASS]: 93.0 %
Bottom MTL
[PASS]: -73.354 dBm
Bottom ERP
[PASS]: 50.266 dBm
Tail Number
[PASS]: Other
Mode S Address
[PASS]: 8A07F7
Flight ID
[PASS]: PKSNV
Flight Status
[PASS]: Alert: NO, SPI: NO, AirBorne: Yes, Ground:NO
A Code
[PASS]: 1200
S Code
[PASS]: 1200
Altitude C
[PASS]: 3000 ft
Altitude S
[PASS]: 3000 ft
Country
[PASS]: Indonesia
ADSB Available DF17
[PASS]: Available
Level
[PASS]: Level 2
Squitter Rate
[PASS]: 0.13 sec

=====

Power Test

=====

ERP for Bottom Antenna ATCRBS
[PASS]: 50.266 dBm
ERP for Bottom Antenna ATCRBS Instantaneous
[PASS]: 50.216 dBm
ERP for Bottom Antenna Mode S
[PASS]: 50.426 dBm
ERP for Bottom Antenna Mode S Instantaneous
[PASS]: 50.574 dBm
MTL Bottom Mode A
[PASS]: -71.354 dBm
MTL Bottom Mode C
[PASS]: -71.354 dBm

MTL Mode S
[PASS]: -73.354 dBm
Diversity Test
[PASS]: 0.48

=====

Frequency Test

=====

ATCRBS Frequency
[PASS]: 1089.808 MHz
Mode S Frequency
[PASS]: 1089.953 MHz

=====

Mode A Replies and Characteristics Test

=====

ATCRBS All Call
[Pass]: Received APR: 0.0 %. Expect less than 10.0 %
Mode A Squawk Code
[PASS]: 1200
Mode A Code Binary
[PASS]: Binary: 001010000000
High Ratio of Replies Mode A
[PASS]: 100.0%
Low Ratio of Replies Mode A
[PASS]: Received APR: 0.0 %. Expect less than 2.0 %
High Limit Mode A Must Reply
[PASS]: 100.0%
Low Limit Mode A Must Reply
[PASS]: 100.0%
High Limit Mode A Must Not Reply
[PASS]: 4.0%
Low Limit Mode A Must Not Reply
[PASS]: 0.0%
Mode A SLS -9dB
[PASS]: 100.0%
Mode A SLS 0dB
[PASS]: 1.0%
F1 Width Mode A
[PASS]: 0.450 Us
F2 Width Mode A
[PASS]: 0.450 Us
F1 to F2 Spacing Mode A
[PASS]: 20.300 Us
Reply Delay Mode A
[PASS]: 3.157 Us
Jitter Mode A
[PASS]: -0.5%
Pulse Amplitude Mode A
[PASS]: -0.060 Us

=====

Mode C Replies and Characteristics Test

=====

ATCRBS All Call

[PASS]: Received APR: 0.0 %. Expect less than 10.0 %

Mode C Altitude

[PASS]: 3000 ft

Mode C Binary

[PASS]: Binary: 000000101110111000

High Ratio of Replies Mode C

[PASS]: 98.0%

Low Ratio of Replies Mode C

[Pass]: Received APR: 0.0 %. Expect less than 2.0 %

High Limit Mode C Must Reply

[PASS]: 99.0%

Low Limit Mode C Must Reply

[PASS]: 100.0%

High Limit Mode C Must Not Reply

[PASS]: 0.0%

Low Limit Mode C Must Not Reply

[PASS]: 2.0%

Mode C SLS -9dB

[PASS]: 99.0%

Mode C SLS 0dB

[PASS]: 0.0%

F1 Width Mode C

[PASS]: 0.450 Us

F2 Width Mode C

[PASS]: 0.450 Us

F1 to F2 Spacing Mode C

[PASS]: 20.300 Us

Reply Delay Mode C

[PASS]: 3.157 Us

Jitter Mode C

[PASS]: -0.5%

Pulse Amplitude Mode C

[PASS]: -0.070 Us

=====

Mode S Replies Test

=====

Mode S All call

[PASS]: Address: 8A07F7

Intermode Reply Delay Mode A & C

[PASS]: 128.102 Us

Intermode Reply Jitter Mode A & C

[PASS]: -0.5%

Intermode Reply Ratio Mode A & C1

[PASS]: 100.0%

Intermode Reply Ratio Mode A & C2

[PASS]: 0.0%

=====

Mode S Characteristics Test

=====

Mode S Reply Delay Mode S

[PASS]: 128.047 Us

Verticle Status (VS)

[PASS]: Airborne

Mode S Reply Jitter Mode S

[PASS]: -0.5%

Cross Link Capability (CC)

[PASS]: Crosslink Capability Supported

Mode S Reply Pulse Width

[PASS]: PW1: 0.500 Us, PW2: 0.500 Us, PW3: 0.500 Us, PW4: 0.500 Us

TCAS Sensitivity Level (SL)

[PASS]: No TCAS sensitivity level reported

Mode S Reply Pulse Spacing

[PASS]: PS12: 1.000 Us, PS13: 3.500 Us, PS14: 4.475 Us

Reply Information (RI)

[PASS]: No on-board TCAS

Mode S SLS -12dB

[PASS]: 68.0%

Altitude Code (AC)

[PASS]: 3000 ft

Mode S SLS 3dB

[PASS]: 0.0%

Aircraft Address (AP)

[PASS]: 8A07F7

Reply Ratio Mode S1

[PASS]: 70.0%

Reply Ratio Mode S2

[PASS]: 0.0%

=====

DF0 Test

=====

Mode S Reply Delay Mode S

[PASS]: 128.047 Us

Verticle Status (VS)

[PASS]: Airborne

Mode S Reply Jitter Mode S

[PASS]: -0.5%

Cross Link Capability (CC)

[PASS]: Crosslink Capability Supported

Mode S Reply Pulse Width

[PASS]: PW1: 0.500 Us, PW2: 0.500 Us, PW3: 0.500 Us, PW4: 0.500 Us

TCAS Sensitivity Level (SL)

[PASS]: No TCAS sensitivity level reported

Mode S Reply Pulse Spacing

[PASS]: PS12: 1.000 Us, PS13: 3.500 Us, PS14: 4.475 Us

Reply Information (RI)

[PASS]: No on-board TCAS

Mode S SLS -12dB

[PASS]: 68.0%

Altitude Code (AC)
[PASS]: 3000 ft
Mode S SLS 3dB
[PASS]: 0.0%
Aircraft Address (AP)
[PASS]: 8A07F7
Reply Ratio Mode S1
[PASS]: 70.0%
Reply Ratio Mode S2
[PASS]: 0.0%

=====
DF4 Test
=====
Flight Status (FS)
[PASS]: Alert: NO, SPI: NO, AirBorne: Yes, Ground:NO
Downlink Request (DR)
[PASS]: No downlink request
Interrogator Identify Subfield (IIS)
[PASS]: 0
Identifier Designator Subfield (IDS)
[PASS]: No information available
Altitude Code (AC)
[PASS]: 3000 ft
Aircraft Address (AP)
[PASS]: 8A07F7

=====
DF5 Test
=====
Flight Status (FS)
[PASS]: Alert: NO, SPI: NO, AirBorne: Yes, Ground:NO
Transponder Capability (CA)
[PASS]: Have Comm-A and Comm-B capability (airborne)
Downlink Request (DR)
[PASS]: No downlink request
Address Announced (AA)
[PASS]: 8A07F7
Interrogator Identify Subfield (IIS)
[PASS]: 0
Parity/Interrogator Identity (PI)
[PASS]: 2BBD59
Identifier Designator Subfield (IDS)
[PASS]: No information available
Identification (ID)
[PASS]: 1200
Aircraft Address (AP)
[PASS]: 8A07F7

=====
DF11 Test

=====
Flight Status (FS)
[PASS]: Alert: NO, SPI: NO, AirBorne: Yes, Ground:NO
Transponder Capability (CA)
[PASS]: Have Comm-A and Comm-B capability (airborne)
Downlink Request (DR)
[PASS]: No downlink request
Address Announced (AA)
[PASS]: 8A07F7
Interrogator Identify Subfield (IIS)
[PASS]: 0
Parity/Interrogator Identity (PI)
[PASS]: 2BBD59
Identifier Designator Subfield (IDS)
[PASS]: No information available
Identification (ID)
[PASS]: 1200
Aircraft Address (AP)
[PASS]: 8A07F7

=====
DF17 - BDS 6,5
=====
Transponder Capability (CA)
[PASS]: Have Comm-A and Comm-B capability (airborne)
Address Announced (AA)
[PASS]: 8A07F7
Parity/Interrogator Identity (PI)
[PASS]: 000000
Type Code
[PASS]: 31
TCAS Operational (TOP)
[PASS]: TCAS Not Operational (RI $\neq$ 3 or 4)
1090 ES In (ESI)
[PASS]: Can Receive 1090 MHz Extended Squitter Messages
Air Referenced Velocity (ARV)
[PASS]: Can generate Air Referenced Velocity Report
Target State Report (TS)
[PASS]: No Target State Report Capability
Trajectory Change Report (TC)
[PASS]: No Trajectory Change Report Capability (REQUIRED SETTING)
UAT In (UTI)
[PASS]: Can Receive UAT ADS-B Messages
Operational Mode Subtype (OM)
[PASS]: Defines RA, IDT, and ATC OM Subfields
TCAS Resolution Advisory (RA)
[PASS]: TCAS Resolution Advisory is inactive of unknown
IDENT Switch Active (IDT)
[PASS]: IDENT not active
Receiving ATC Services (ATC)
[PASS]: Required Setting (Change from V1)
Single Antenna Field (SAF)
[PASS]: Single Antenna Operational

System Design Assurance (SDA)
[PASS]: Major, $\leq 1 \times 10E-5$ per hour
Version
[PASS]: Conforms to DO-260B
Navigation Accuracy Category for Position (NACp)
[PASS]: EPU ≥ 10 Nm (18.52 km), Unknown Accuracy
Geometric Velocity Accuracy (GVA)
[PASS]: Unknown or > 150 meters
Source Integrity Level (SIL)
[PASS]: Unknown
NIC baro (NICb)
[PASS]: Cross-Checked Gillham or any other Altitude Source
Horizontal Reference Direction (HRD)
[PASS]: True North
SIL Supplement (SILS)
[PASS]: Probability of Exceeding NIC Radius of Containment 'per Hour'
Has NIC supplement A
[PASS]: False

=====
DF17 - BDS 0,9
=====

Transponder Capability (CA)
[PASS]: Have Comm-A and Comm-B capability (airborne)
Transponder Capability (CA)
[PASS]: Have Comm-A and Comm-B capability (airborne)
Address Announced (AA)
[PASS]: 8A07F7
Address Announced (AA)
[PASS]: 8A07F7
Parity/Interrogator Identity (PI)
[PASS]: 000000
Parity/Interrogator Identity (PI)
[PASS]: 000000
Type Code
[PASS]: 4
Type Code
[PASS]: 19
Set Category
[PASS]: A
Intent Change Flag (ICF)
[PASS]: No change in intent
ADS-B Emitter Category (CAT)
[PASS]: Light ($<15.5K$ lbs)
Navigation Accuracy Category for Velocity (NACv)
[PASS]: Unknown or > 10 m/s
Speed
[PASS]: 107 kts
Flight Id
[PASS]: PKSNV
Speed Type
[PASS]: True Airspeed (TAS)
Vertical Rate

[PASS]: 0 ft/min
Vertical Rate Source
[PASS]: Barometric Source
Hdg / Grd (Track)
[PASS]: 346.29 Deg
Diff from Barometric Altitude
[PASS]: -25 ft

=====
DF17 - BDS 0,8
=====

Transponder Capability (CA)
[PASS]: Have Comm-A and Comm-B capability (airborne)
Transponder Capability (CA)
[PASS]: Have Comm-A and Comm-B capability (airborne)
Address Announced (AA)
[PASS]: 8A07F7
Address Announced (AA)
[PASS]: 8A07F7
Parity/Interrogator Identity (PI)
[PASS]: 000000
Parity/Interrogator Identity (PI)
[PASS]: 000000
Type Code
[PASS]: 4
Type Code
[PASS]: 19
Set Category
[PASS]: A
Intent Change Flag (ICF)
[PASS]: No change in intent
ADS-B Emitter Category (CAT)
[PASS]: Light (<15.5K lbs)
Navigation Accuracy Category for Velocity (NACv)
[PASS]: Unknown or > 10 m/s
Speed
[PASS]: 107 kts
Flight Id
[PASS]: PKSNV
Speed Type
[PASS]: True Airspeed (TAS)
Vertical Rate
[PASS]: 0 ft/min
Vertical Rate Source
[PASS]: Barometric Source
Hdg / Grd (Track)
[PASS]: 346.29 Deg
Diff from Barometric Altitude
[PASS]: -25 ft

=====
DF17 - BDS 6,1

=====
Transponder Capability (CA)
[PASS]: Have Comm-A and Comm-B capability (airborne)
Address Announced (AA)
[PASS]: 8A07F7
Parity/Interrogator Identity (PI)
[PASS]: 000000
Type Code
[PASS]: 28
Emergency / Priority Status (EMG)
[PASS]: No Emergency
Mode A Code
[PASS]: 1200

=====
DF20 - BDS 0,7
=====
Flight Status (FS)
[PASS]: Alert: NO, SPI: NO, AirBorne: Yes, Ground:NO
Downlink Request (DR)
[PASS]: No downlink request
Interrogator Identify Subfield (IIS)
[PASS]: 0
Identifier Designator Subfield (IDS)
[PASS]: No information available
Altitude Code (AC)
[PASS]: 3000 ft
Address Parity (AP)
[PASS]: F76970
Message Status
[PASS]: Valid
Transmission Rate Subfield (TRS)
[PASS]: High surface squitter rate selected
Altitude Type Subfield (ATS)
[PASS]: Barometric altitude

=====
DF20 - BDS 1,0
=====
Flight Status (FS)
[PASS]: Alert: NO, SPI: NO, AirBorne: Yes, Ground:NO
Downlink Request (DR)
[PASS]: No downlink request
Interrogator Identify Subfield (IIS)
[PASS]: 0
Identifier Designator Subfield (IDS)
[PASS]: No information available
Altitude Code (AC)
[PASS]: 3000 ft
Address Parity (AP)
[PASS]: 5774ED
Message Status

[PASS]: Valid
Continuation Flag (CF)
[PASS]: No continuation
Overlay Command Capability (OCC)
[PASS]: Overlay command capable
TCAS Flag (TF)
[PASS]: No operational TCAS
Mode S Sub network Version Number (MSSVN)
[PASS]: Unassigned
Transponder Level (TL)
[PASS]: Level 2-4
Mode Specific Services Capability Report (SC)
[PASS]: Available
Uplink ELM Capability (UELM)
[PASS]: No UELM Capability
Downlink ELM Capability (DELM)
[PASS]: No DELM capability
Aircraft Identification Capability (AIC)
[PASS]: Aircraft Identification Capability (BDS 2,0)
Squitter Capability Subfield (SCS)
[PASS]: GICB registers 0,5 and 0,6 have not been updated within the last 10 seconds
Surveillance Identifier Capability (SIC)
[PASS]: Can process SI codes
Common UsageGICB Report (CGR)
[PASS]: BDS 1,7 changed
Hybrid Surveillance (HS)
[PASS]: No Hybrid Surveillance Capability
TCAS Generating TA/RA (TRA)
[PASS]: Generating Traffic Advisories only
TCAS MOPS (TM)
[PASS]: DO-185 (6.04A)
Support Status of DTE Sub addresses (SSDTE)
[PASS]: 0000000000000000

=====
DF20 - BDS 1,7
=====

Flight Status (FS)
[PASS]: Alert: NO, SPI: NO, AirBorne: Yes, Ground:NO
Downlink Request (DR)
[PASS]: No downlink request
Interrogator Identify Subfield (IIS)
[PASS]: 0
Identifier Designator Subfield (IDS)
[PASS]: No information available
Altitude Code (AC)
[PASS]: 3000 ft
Address Parity (AP)
[PASS]: 96F6C3
Message Status
[PASS]: Valid
0,5 Extended Squitter Airborne Position
[PASS]: Available

0,7 Extended Squitter Status
[PASS]: Available
0,8 Extended Squitter Identification and Category
[PASS]: Available
0,9 Extended Squitter Airborne Velocity Information
[PASS]: Available
0,A Extended Squitter Event-Driven Information
[PASS]: Available
2,0 Aircraft identification
[PASS]: Available
2,I Aircraft registration number
[PASS]: Available

=====
DF20 - BDS 2,0
=====

Flight Status (FS)
[PASS]: Alert: NO, SPI: NO, AirBorne: Yes, Ground:NO
Downlink Request (DR)
[PASS]: No downlink request
Interrogator Identify Subfield (IIS)
[PASS]: 0
Identifier Designator Subfield (IDS)
[PASS]: No information available
Altitude Code (AC)
[PASS]: 3000 ft
Address Parity (AP)
[PASS]: 02E0C3
Message Status
[PASS]: Valid
Flight Id
[PASS]: PKSNV

=====
DF20 - BDS 2,1
=====

Flight Status (FS)
[PASS]: Alert: NO, SPI: NO, AirBorne: Yes, Ground:NO
Downlink Request (DR)
[PASS]: No downlink request
Interrogator Identify Subfield (IIS)
[PASS]: 0
Identifier Designator Subfield (IDS)
[PASS]: No information available
Altitude Code (AC)
[PASS]: 3000 ft
Address Parity (AP)
[PASS]: 38111E
Message Status
[PASS]: Valid
Tail Number
[PASS]: PKSNV

ICAO Registration
[PASS]: None

=====

DF21 - BDS 0,7

=====

Flight Status (FS)
[PASS]: Alert: NO, SPI: NO, AirBorne: Yes, Ground:NO
Downlink Request (DR)
[PASS]: No downlink request
Interrogator Identify Subfield (IIS)
[PASS]: 0
Identifier Designator Subfield (IDS)
[PASS]: No information available
Identification (ID)
[PASS]: 1200
Address Parity (AP)
[PASS]: FF0096
Message Status
[PASS]: Valid
Transmission Rate Subfield (TRS)
[PASS]: High surface squitter rate selected
Altitude Type Subfield (ATS)
[PASS]: Barometric altitude

=====

DF21 - BDS 1,0

=====

Flight Status (FS)
[PASS]: Alert: NO, SPI: NO, AirBorne: Yes, Ground:NO
Downlink Request (DR)
[PASS]: No downlink request
Interrogator Identify Subfield (IIS)
[PASS]: 0
Identifier Designator Subfield (IDS)
[PASS]: No information available
Identification (ID)
[PASS]: 1200
Address Parity (AP)
[PASS]: 5F1D0B
Message Status
[PASS]: Valid
Continuation Flag (CF)
[PASS]: No continuation
Overlay Command Capability (OCC)
[PASS]: Overlay command capable
TCAS Flag (TF)
[PASS]: No operational TCAS
Mode S Sub network Version Number (MSSVN)
[PASS]: Unassigned
Transponder Level (TL)
[PASS]: Level 2-4

Mode Specific Services Capability Report (SC)

[PASS]: Available

Uplink ELM Capability (UELM)

[PASS]: No UELM Capability

Downlink ELM Capability (DELM)

[PASS]: No DELM capability

Aircraft Identification Capability (AIC)

[PASS]: Aircraft Identification Capability (BDS 2,0)

Squitter Capability Subfield (SCS)

[PASS]: GICB registers 0,5 and 0,6 have not been updated within the last 10 seconds

Surveillance Identifier Capability (SIC)

[PASS]: Can process SI codes

Common UsageGICB Report (CGR)

[PASS]: BDS 1,7 changed

Hybrid Surveillance (HS)

[PASS]: No Hybrid Surveillance Capability

TCAS Generating TA/RA (TRA)

[PASS]: Generating Traffic Advisories only

TCAS MOPS (TM)

[PASS]: DO-185 (6.04A)

Support Status of DTE Sub addresses (SSDTE)

[PASS]: 0000000000000000

=====
DF21 - BDS 1,7
=====

Flight Status (FS)

[PASS]: Alert: NO, SPI: NO, AirBorne: Yes, Ground:NO

Downlink Request (DR)

[PASS]: No downlink request

Interrogator Identify Subfield (IIS)

[PASS]: 0

Identifier Designator Subfield (IDS)

[PASS]: No information available

Identification (ID)

[PASS]: 1200

Address Parity (AP)

[PASS]: 9E9F25

Message Status

[PASS]: Valid

0,5 Extended Squitter Airborne Position

[PASS]: Available

0,7 Extended Squitter Status

[PASS]: Available

0,8 Extended Squitter Identification and Category

[PASS]: Available

0,9 Extended Squitter Airborne Velocity Information

[PASS]: Available

0,A Extended Squitter Event-Driven Information

[PASS]: Available

2,0 Aircraft identification

[PASS]: Available

2,I Aircraft registration number

[PASS]: Available

=====

DF21 - BDS 2,0

=====

Flight Status (FS)

[PASS]: Alert: NO, SPI: NO, AirBorne: Yes, Ground:NO

Downlink Request (DR)

[PASS]: No downlink request

Interrogator Identify Subfield (IIS)

[PASS]: 0

Identifier Designator Subfield (IDS)

[PASS]: No information available

Identification (ID)

[PASS]: 1200

Address Parity (AP)

[PASS]: 0A8925

Message Status

[PASS]: Valid

Flight Id

[PASS]: PKSNV

=====

DF21 - BDS 2,1

=====

Flight Status (FS)

[PASS]: Alert: NO, SPI: NO, AirBorne: Yes, Ground:NO

Downlink Request (DR)

[PASS]: No downlink request

Interrogator Identify Subfield (IIS)

[PASS]: 0

Identifier Designator Subfield (IDS)

[PASS]: No information available

Identification (ID)

[PASS]: 1200

Address Parity (AP)

[PASS]: 3078F8

Message Status

[PASS]: Valid

Tail Number

[PASS]: PKSNV

ICAO Registration

[PASS]: None