



WORK ORDER



To: GALAXY AEROSPACE (M) SDN. BHD.

<p>Address: Lot 11-14, MRO Centre, Malaysia International Aerospace Centre, SAAS Airport, Subang Malaysia</p> <p>Attention: Mr. Syafrul Yamani Engineering Manager syafrul@galaxyaerospace.my</p>	<p>Work Order Number: 2022-12816</p> <p>Work Pack Reference: 9M-PTA-12816</p> <p>Date Issued: 21/09/2022</p> <p>A/C Registration / SN: 9M-PTA/FL-587</p> <p>Sheet: 1 OF 1</p>
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Description:

Item	Description/Task/Inspection	Reference	Man Hours
1	INSTALLATION OF AUTOMATIC DEPENDENT SURVEILLANCE - BROADCAST OUT (ADS-B OUT) KIT	SB 34-4150	<u>70.0</u> (PLEASE ADVISE)

Remark/Notes:

1. State this Work Order reference on your Work Package. Should there is any additional job/defect (unless specified in the work package) the maintenance organization must notify GAM Continuing Airworthiness Manager prior to proceed with rectification.
2. Work must be carried out in accordance with approved data and perform by qualified personnel/ approved LAE from the maintenance organization.
3. Parts used must be written in Parts Report Form and accompanied by ARC, Serviceable Label or equivalent document.
4. Test report, parameter reading or any supporting data must be attached with the worksheet if applicable.
5. The maintenance organization shall be responsible for any damages made on the aircraft/ components during maintenance.
6. Softcopy of completed Work Package shall be submitted or as mutual agreed and GAM Continuing Airworthiness Manager must be informed once the aircraft is Release to Service.
7. Completed Work Package (original) must be submitted to GAM Continuing Airworthiness Manager office within 3 days of date of completion.

I hereby declare that an approved and up to date maintenance data has been referred for the issuance of this work order.

Thank you.
Best Regards,

Zaty Nadhira Mohamed Zuhari
Continuing Airworthiness Management Manager
Email: zaty@galaxyaerospace.my



CLIENT/OWNER: ROYAL MALAYSIA POLICE AIRCRAFT TYPE: B300 (SKA350) REGISTRATION: 9M-PTA BASE/FACILITY: WMSA DATE IN: REFER WORKPACK OUT: REFER WORKPACK	SERIAL NO.	HOURS	LDG/CYCLE	WORKSHEET NO:	12816-001	
	AIRCRAFT	FL-587	REFER WORKPACK	WORK/INSP/DESC:	SB 34-4150	
	#1 ENGINE:	PCE-PK0999	REFER WORKPACK	WORKPACK REF:	9M-PTA-12816	
	#2 ENGINE:	PCE-PK0971	REFER WORKPACK	AJL REF NO.:	REFER WORKPACK	
			NG / N1	NF / N2	SHEET:	1 OF 1

Reason for raising: INSTALLATION OF AUTOMATIC DEPENDENT SURVEILLANCE - BROADCAST OUT (ADS-B OUT) KIT TO BE CARRY OUT IN ACCORDANCE WITH SB 34-4150 DATED DEC-12-2016 OR LATER APPROVED REVISIONS	Raised by and date: CAMO; Nurul Husna Zainol Abidin 21/09/2022	Other requirements/information: NOT APPLICABLE
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Item	Description	Technician	* Eng. CRS	Date
1	INSTALLATION OF AUTOMATIC DEPENDENT SURVEILLANCE - BROADCAST OUT (ADS-B OUT) KIT TO BE CARRY OUT IN ACCORDANCE WITH SB 34-4150 REFERENCE: SB 34-4150 - ACCOMPLISHMENT INSTRUCTIONS REMARKS: <i>TASK CARRIED OUT FOUND SATISFACTORY.</i>	 8205	 	1/11/23

Certifies that the work specified above, except as otherwise specified, was carried out in accordance with CAA Malaysia Requirements and in respect to that work the aircraft / aircraft component is considered ready for release to service. **AMO/2016/02**

*Certifies that the work specified above, except as otherwise specified, was carried out in accordance with _____ and in respect to that work the aircraft / aircraft component is considered ready for release to service.

TICK WHERE APPLICABLE

PARTS LABELLED & RETURNED	CO. TAGS	DUPLICATE INSP	GROUND R.I.	HIGHTED TAG	TOOLING WORKSHEET	ADDITIONAL WORKSHEET	MANAGED BY	PLANNING APPROVAL	TIME LOGS	STATUS PAGE	CO. TAGS	REWORK CHECKED	REFERENCE BOOK	PROBLEM LOGS	LOG CARD	CONFORMITY LOGS	MODIFICATION BOOK
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CLIENT/OWNER: ROYAL MALAYSIA POLICE AIRCRAFT TYPE: B300 (SKA350) REGISTRATION: 9M-PTA BASE/FACILITY: WMSA DATE IN: REFER WORKPACK OUT: REFER WORKPACK	SERIAL NO.	HOURS	LDG/CYCLE	WORKSHEET NO:	12816-001
	AIRCRAFT	FL-587	REFER WORKPACK	WORK/INSP/DESC:	SB 34-4150
	#1 ENGINE:	PCE-PK0999	REFER WORKPACK	WORKPACK REF:	9M-PTA-12816
	#2 ENGINE:	PCE-PK0971	REFER WORKPACK	AJL REF NO.:	REFER WORKPACK
			NG / N1	NF / N2	SHEET: 1 OF 1

Reason for raising: INSTALLATION OF AUTOMATIC DEPENDENT SURVEILLANCE - BROADCAST OUT (ADS-B OUT) KIT TO BE CARRY OUT IN ACCORDANCE WITH SB 34-4150 DATED DEC-12-2016 OR LATER APPROVED REVISIONS	Raised by and date: CAMO; Nurul Husna Zainol Abidin 21/09/2022	Other requirements/information: NOT APPLICABLE
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Item	Part No	Description	Serial Number		Qty	Position	Reason	Lifed Item Information TSN/TSO/DUE/TIMEX	Release Reference
			Off	On					
1.	101-3416-000	KIT - TRANSPONDER	-	447	1	N/A	MOD	N/A	1319226
-	-	-	-	-	-	-	-	-	-
2.	622-9210-008	TRANSPONDER	3030N	-	1	NO1	MOD	N/A	131124 106105153 N/A
-	622-9210-501	TRANSPONDER	-	440KML	1	NO1	MOD	N/A	1534552
3.	622-9210-008	TRANSPONDER	30NMX	-	1	NO.2	MOD	N/A	N/A
-	622-9210-501	TRANSPONDER	-	4KDDY9	1	NO.2	MOD	N/A	106105153
4.	M81824-1-2	TERMINAL: SPLICE	-	-	20	N/A	MOD	N/A	GIN4941
5.	M27500-22T62T14	TWISTED SHIELDED PAIR CABLE	-	-	N/A	N/A	MOD	N/A	GIN4821
6.	030-2259-000	PIN CONTACT	-	-	2	N/A	MOD	N/A	GIN3796
7.	372-2514-110	CONTACT	-	-	24	N/A	MOD	N/A	GIN4834
8.	M83519/2-8	SHIELD	-	-	4	N/A	MOD	N/A	GIN4919
9.	M39029/4-110	PIN	-	-	2	N/A	MOD	N/A	GIN2164
10.	M22759/16-22-9	WIRE, WHITE 22 AWG	-	-	N/A	N/A	MOD	N/A	GIN4817
11.	101-3417-0001	KIT INSTALLATION	-	258	1	N/A	MOD	N/A	1319226

NAME	FIRM	SIGN & APPROVAL	DATE
AMMAR	GAM		2/11/2023

Certifies that the work specified above, except as otherwise specified, was carried out in accordance with CAA Malaysia Requirements and in respect to that work the aircraft / aircraft component is considered ready for release to service. **AMO/2016/02**

Certifies that the work specified above, except as otherwise specified, was carried out in accordance with _____ and in respect to that work the aircraft / aircraft component is considered ready for release to service.

TICK WHERE APPLICABLE

PARTS LABOR & RETURNED	2D MATCH	6 FIGURE INS	AS TO SUB	TIGHTEN	REMOVE LWS	ADDITIONAL WORKSHEET	MINOR WORK	PLANNING FORCAST	DEVI UPGRADE	SHIELD STRUCT	NO N/A	REFER WORKPACK	STATUS WORK	PROJECT LOG/ID	ISS CARD	GEN/COMP INST/AG	MEASURED SPEC
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Aircraft Serial No:	FL-587	Work Pack No:	9M-PTA-12816
Aircraft Type:	B300 (SKA350)	DESC:	SB 34-4150
Aircraft Reg:	9M-PTA	PAGE:	1 OF 1

Description	Part No	Serial Number	Worksheet Ref No. / Item No.	Calibration Due Date
<i>XPDR/DCME TEST SET</i>	<i>IFR 6000</i>	<i>2000000730</i>	<i>BC 202303198</i>	<i>17 MAR 2024</i>

TITLE

NAVIGATION - INTRODUCTION OF AUTOMATIC DEPENDENT SURVEILLANCE - BROADCAST OUT (ADS-B OUT) INSTALLATION KIT

EFFECTIVITY

MODEL	SERIAL NUMBERS
B200 (Super King Air)	BB-1769, BB-1834, BB-1843 and after
B200C (Super King Air)	BL-148 and after
B200GT (Super King Air)	BY-1 thru BY-206, BY-208 thru BY-238, BY-240 thru BY-249
B300 (Super King Air)	FL-381, FL-383 thru FL-953, FL-955 thru FL-1009, FL-1011 thru FL-1030
B300C (Super King Air)	FM-12 thru FM -65

NOTE: Textron Aviation-Owned Service Centers are the only facilities that can complete this service bulletin.

NOTE: Review Kits 101-3416 and 101-3417 for prerequisite configuration requirements before starting any work.

REASON

This service bulletin is being issued to comply with operational requirements for ADS-B Out.

DESCRIPTION

This service bulletin announces FAA-approved Kits 101-3416 and 101-3417 that are available for installing ADS-B Out capable components that meet the operational requirements.

COMPLIANCE

OPTIONAL. This service bulletin can be accomplished at the discretion of the owner.

A service bulletin published by Textron Aviation may be recorded as "completed" in an aircraft log only when the following requirements are satisfied:

- 1) The installer must complete all of the instructions in the service bulletin, including the intent therein.
- 2) The installer must correctly use and install all applicable parts supplied with the kit drawings referenced in this service bulletin. Only with written authorization from Textron Aviation can substitute parts or rebuilt parts be used to replace new parts.
- 3) The installer must use the technical data in the service bulletin only as approved and published.
- 4) The installer must apply the information in the service bulletin only to aircraft serial numbers identified in the *Effectivity* section of the bulletin.
- 5) The installer must use maintenance practices that are identified as acceptable standard practices in the aviation industry and governmental regulations.

No individual or corporate organization other than Textron Aviation is authorized to make or apply any changes to a Textron Aviation-issued service bulletin, service letter, or flight manual supplement without prior written consent from Textron Aviation.

December 13, 2016

SB 34-4150
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Textron Aviation Customer Service, P.O. Box 7706, Wichita, KS 67277, U.S.A. 1-316-517-5800

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Textron Aviation is not responsible for the quality of maintenance performed to comply with this document, unless the maintenance is accomplished at a Textron Aviation-Owned Service Center.

APPROVAL

Textron Aviation received FAA approval for the technical data in this publication that changes the airplane type design.

Prior to accomplishment, owners/operators of airplanes registered in countries other than the United States shall consult with their local Aviation Regulatory Authority.

FLIGHT CREW OPERATIONS

Refer to the attached *Flight Crew Operations Summary*.

TOOLING

NAME	NUMBER	MANUFACTURER	USE
IFR Test Set	IFR-6000 with software 2.08.00 or later or equivalent	Aeroflex 10200 West York Street Wichita, KS 67125	To verify transponder transmitted data.

WEIGHT AND BALANCE INFORMATION

Refer to Kits 101-3416 and 101-3417 General Notes for weight and balance information.

REFERENCES

The latest revision of each of the following engineering kit drawings released at the time of modification must be used.

KIT PART NUMBER	KIT TITLE
101-3416-0001	Kit - Transponder with Enhanced Surveillance and DO-260B (ADS-B Out) Installation, Single GPS
101-3417-0001	Kit - Transponder with Enhanced Surveillance and DO-260B (ADS-B Out) Installation Provisions, Single GPS
101-3416-0003	Kit - Transponder with Enhanced Surveillance and DO-260B (ADS-B Out) Installation, Dual GPS
101-3417-0003	Kit - Transponder with Enhanced Surveillance and DO-260B (ADS-B Out) Installation Provisions, Dual GPS

NOTE: Make sure all publications used are complete and current. Refer to www.txtavsupport.com.

PUBLICATIONS AFFECTED

Super King Air FAA Approved Flight Manual Supplement, P/N 101-590010-0565 or subsequent revision, Chapters 24 and 34;

Super King Air Model B200/B200T/B200C/B200CT Illustrated Parts Catalog, P/N 101-590010-159W or subsequent revision, Chapters 24 and 34;

Super King Air Model 200 Series Illustrated Parts Catalog, P/N 101-590010-15 or subsequent revision, Chapters 24 and 34

Super King Air 350i/350C (Model B300/B300C) Illustrated Parts Catalog, P/N 130-590031-315K or subsequent revision, Chapters 24 and 34;

Super King Air 350 and 350C (Model B300/B300C) Illustrated Parts Catalog, P/N 130-590031-9Q or subsequent revision, Chapters 24 and 34;

Super King Air 200C/200CT/B200CT/B200C/B200CT Wiring Diagram Manual, P/N 101-590010-133E6 or subsequent revision, Chapters 24 and 34;

Super King Air B200/B200T/B200C/B200CT/B200GT/B200CGT Wiring Diagram Manual, P/N 101-590010-433G or subsequent revision, Chapters 24 and 34;

Super King Air 350/350C (Model B300/B300C) Electrical Wiring Diagram Manual, P/N 130-590031-7J or subsequent revision, Chapters 24 and 34;

Super King Air 350i (Model B300) Wiring Diagram Manual, P/N 130-590031-317G or subsequent revision, Chapters 24 and 34;

Super King Air 350/350C (Model B300/B300C) Avionics Wiring Diagram Manual, P/N 130-590031-197D or subsequent revision, Chapters 24 and 34.

ACCOMPLISHMENT INSTRUCTIONS

1. Install ADS-B Out Kits 101-3416 and 101-3417.

NOTE: The installer is responsible to modify any documentation to support RVSM operations. In some instances, a transponder may be listed as required equipment.

NOTE: As a prerequisite for ADS-B Out, the airplane is required to be fitted with a SBAS-capable GPS receiver and a transponder that is Mode 'S' and enhanced surveillance.

2. Make sure the flight crew receives the *Flight Crew Operations Summary*, which shows the operational changes that are a result of the accomplishment of this service bulletin.
3. Make an entry in the airplane logbook that states compliance and method of compliance with this service document.

NOTE: Textron Aviation recommends that compliance with all service documents is reported to Camp Systems International.

- Complete a record of compliance. (Maintenance Transaction Report, Log Book Entry, or other record of compliance.)
- Put a copy of the completed record of compliance in the airplane logbook.
- Send a copy of the completed record of compliance to: Camp Systems International Incorporated, 8201 East 34th Street North, Building 1100 Suite 1101 Wichita, KS 67226.

MATERIAL INFORMATION

NOTE: For airplanes that require a short out-of-service time, Textron Aviation Parts Distribution (TAPD) has established a rotatable pool of modified transponder units with ADS-B Out capability for exchange through Textron Aviation-Owned Service Centers.
 Order the applicable kits below to install this modification.

NEW P/N	QUAN- TITY	KEY WORD	OLD P/N	INSTRUCTIONS/ DISPOSITION
101-3416-0001	1	Kit - Transponder with Enhanced Surveillance and DO-260B (ADS-B Out) Installation, Single GPS		
101-3416-0003	1	Kit - Transponder with Enhanced Surveillance and DO-260B (ADS-B Out) Installation, Dual GPS		
101-3417-0001	1	Kit - Transponder with Enhanced Surveillance and DO-260B (ADS-B Out) Installation Provisions, Single GPS		
101-3417-0003	1	Kit - Transponder with Enhanced Surveillance and DO-260B (ADS-B Out) Installation Provisions, Dual GPS		

* Please contact Textron Aviation Parts Distribution for current cost and availability of parts listed in this service document. Phone at 1-800-835-4000 (Domestic) or 1-316-517-5603 (International). Send email to: parts@txtav.com.

Based on availability and lead times, parts may require advanced scheduling.

FLIGHT CREW OPERATIONS SUMMARY

SB 34-4150 - Navigation - Introduction of Automatic Dependent Surveillance - Broadcast Out (ADS-B Out) Installation Kit

This summary provides additional information for the flight crew regarding operational changes as a result of accomplishment of this service bulletin. Please remove this summary from the service bulletin and give it to the flight crew. This summary is *informational only* and does not supersede any information in the FAA-approved airplane flight manual.

- Make sure that the following FAA Approved Airplane Flight Manual Supplement is inserted into the FAA-approved airplane flight manual:
 - Super King Air FAA Approved Flight Manual Supplement, P/N 101-590010-0565

TITLE

NAVIGATION - INTRODUCTION OF AUTOMATIC DEPENDENT SURVEILLANCE - BROADCAST OUT (ADS-B OUT) INSTALLATION KIT

TO:

Beech Aircraft Owner

REASON

This service bulletin is being issued to comply with operational requirements for ADS-B Out.

COMPLIANCE

OPTIONAL. This service bulletin can be accomplished at the discretion of the owner.

LABOR HOURS

For planning purposes only:

WORK PHASE	LABOR-HOURS
Modification	88.0

NOTE: Labor hours listed above do not include any estimate for prerequisite configuration requirements to prepare the airplane for ADS-B Out installation. Refer to Kits 101-3416 and 101-3417.

MATERIAL AVAILABILITY

KIT NUMBER	AVAILABILITY	COST
101-3416-0001 ✓	*	*
101-3417-0001	*	*
101-3416-0003 ✓	*	*
101-3417-0003	*	*

* Please contact a Textron Aviation-Owned Service Center for current cost and availability of parts listed in this service document.

Based on availability and lead times, parts may require advanced scheduling.

WARRANTY

No warranty coverage available.

NOTE: As a convenience, service documents are now available online to all our customers through a simple, free-of-charge registration process. If you would like to sign up, please visit the "Customer Access" link at www.txtavsupport.com to register.

December 13, 2016

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Calibration Certificate

Certificate No: BC202303198

Customer : Bell Textron Asia Pte Ltd

Address : 6 Seletar Aerospace Heights
Singapore 797545

Calibration Date	: 17 Mar 2023	Temperature	: (23 ± 5) °C
Calibration Due	: 17 Mar 2024	Humidity	: (50 ± 20)% RH
Model No.	: IFR 6000	Procedure Used	: SAP6095
Description	: XPDR/DME Test Set	Issue	: 4
Manufacturer	: Aeroflex	As Received	: In Tolerance
Serial No.	: 2000000730	As Completed	: In Tolerance
Calibrated By	: CAPL01		
Remarks	:		

This calibration certificate documents that the named item is tested and measured against defined specifications.

The results hereby certifies the instrument has been compared in accordance with the reference procedure used in the listed standards which have accuracies traceable to the National of Standards. The accuracy of these standards are either derived from physical constants, ratio measurements or with consensus standards. The results in the report are conformance statements that is derived with "Pass" or "Fail" by comparison as measured values were in specification of the instruments.


Documents supporting traceability are on file or electronic format as referenced as above address for examination and may not be reproduced except in full without permission of the calibration Laboratory.

User should determine the suitability of this instrument for its intended use.

Hereby certifies that this instrument was calibrated using the above procedure and meets the published specification as stated in the manufacturer's manual at the time of calibration.

The stated calibration interval is for recommendation only. The real determination of the calibration interval is solely by the customer request and taking into account with application and environment conditions.

This report shall not be reproduced except in full, without prior written approval of the laboratory.

Approved By : 
Director
Yuvaraja

Issue Date 17 Mar 2023



Location of Calibration:
Cal-Asia Pte Ltd
690 West Camp Road #09-04
JTC Aviation Two
Singapore 797523

RETURN COPY

CALIBRATION REPORT

REPORT No. : BC202303198
 MODEL NO. : IFR 6000
 SERIAL NO. : 2000000730
 OPT FITTED : ADSB,MODE S,TCAS

CALIBRATION DATE : 17 Mar 2023
 CALIBRATED BY : CAPL01
 REPORT TYPE : As Received

1. Self-Test

Parameter	Min	Measured Value	Max	Result
SELF-TEST	NA	✓	NA	Pass

2. VSWR (ANT and RF I/O Ports)

FREQUENCY (MHz)	Min	Measured Value	Max	Result
ANT Port				
962	NA	1.22	1.7	Pass
1030	NA	1.38	1.7	Pass
1090	NA	1.13	1.7	Pass
1150	NA	1.18	1.7	Pass
1213	NA	1.51	1.7	Pass
RF I/O Port				
962	NA	1.16	1.3	Pass
1030	NA	1.17	1.3	Pass
1090	NA	1.17	1.3	Pass
1150	NA	1.17	1.3	Pass
1213	NA	1.16	1.3	Pass

3. RF Output Frequency Accuracy

FREQUENCY (Hz)	Min	Measured Value	Max	Result
962000000	961990000 Hz	961999824 Hz	962010000 Hz	Pass
1030000000	1029990000 Hz	1029999813 Hz	1030010000 Hz	Pass
1090000000	1089990000 Hz	1089999800 Hz	1090010000 Hz	Pass
1150000000	1149990000 Hz	1149999788 Hz	1150010000 Hz	Pass
1213000000	1212990000 Hz	1212999774 Hz	1213010000 Hz	Pass

4. RF Output Level Accuracy (ANT) @ -30dBm

FREQUENCY (MHz)	Min	Measured Value	Max	Result
962	-32 dBm	-30.56 dBm	-28 dBm	Pass
1030	-32 dBm	-30.53 dBm	-28 dBm	Pass
1090	-32 dBm	-30.62 dBm	-28 dBm	Pass
1150	-32 dBm	-30.65 dBm	-28 dBm	Pass
1213	-32 dBm	-30.52 dBm	-28 dBm	Pass

5. RF Output Level Accuracy (ANT) at 1030 MHz

RF Level (dBm)	Min	Measured Value	Max	Result
-2	-4 dBm	-2.08 dBm	0 dBm	Pass
-3	-3.25 dBm	-3.05 dBm	-2.75 dBm	Pass
-4	-4.25 dBm	-4.18 dBm	-3.75 dBm	Pass
-5	-5.25 dBm	-5.15 dBm	-4.75 dBm	Pass
-6	-6.25 dBm	-6.22 dBm	-5.75 dBm	Pass
-7	-7.25 dBm	-7.18 dBm	-6.75 dBm	Pass
-8	-8.25 dBm	-8.25 dBm	-7.75 dBm	Pass
-9	-9.25 dBm	-9.22 dBm	-8.75 dBm	Pass
-12	-14 dBm	-12.35 dBm	-10 dBm	Pass
-22	-24 dBm	-22.39 dBm	-20 dBm	Pass
-32	-34 dBm	-32.12 dBm	-30 dBm	Pass
-42	-44 dBm	-42.36 dBm	-40 dBm	Pass
-52	-54 dBm	-52.19 dBm	-50 dBm	Pass
-65	-67 dBm	-65.19 dBm	-63 dBm	Pass

CALIBRATION REPORT

REPORT No. : BC202303198
 MODEL NO. : IFR 6000
 SERIAL NO. : 2000000730
 OPT FITTED : ADSB,MODE S,TCAS

CALIBRATION DATE : 17 Mar 2023
 CALIBRATED BY : CAPL01
 REPORT TYPE : As Received

10. DME Reply Efficiency

Record Frequency	Min	Measured Value	Max	Result
10%	9.5 %	10.00 %	10.5 %	Pass
40%	39.5 %	40.00 %	40.5 %	Pass
70%	69.5 %	70.35 %	70.5 %	Pass
100%	99.5 %	100.00 %	100.5 %	Pass

11. DME Squitter

Frequency (Hz)	Min	Measured Value	Max	Result
2700	2646 Hz	2684.22 Hz	2754 Hz	Pass

12. DME Measurement - Interrogation Pulse Timing

Parameters	Min	Measured Value	Max	Result
ATC-1400A readings				
P1 pulse width		3.49 μ sec		
P2 pulse width		3.49 μ sec		
P1- P2 X Channel spacing		12.00 μ sec		
P1 - P2 Y Channel spacing		36.00 μ sec		
UUT readings				
P1 Pulse Width equals the recorded P1 value ($\pm 0.05 \mu$ s)	3.44 μ sec	3.48 μ sec	3.54 μ sec	Pass
P2 Pulse Width equals the recorded P2 value ($\pm 0.05 \mu$ s)	3.44 μ sec	3.48 μ sec	3.54 μ sec	Pass
P1-P2 X Chan. spacing value ($\pm 0.02 \mu$ s)	11.98 μ sec	11.99 μ sec	12.02 μ sec	Pass
P1-P2 Y Chan. spacing value ($\pm 0.02 \mu$ s)	35.98 μ sec	35.99 μ sec	36.02 μ sec	Pass

13. DME Measurement - Interrogation PRF

Frequency (Hz)	Min	Measured Value	Max	Result
UUT readings				
10	8 Hz	10 Hz	12 Hz	Pass
101	99 Hz	101 Hz	103 Hz	Pass
201	199 Hz	201 Hz	203 Hz	Pass
300	298 Hz	300 Hz	303 Hz	Pass

14. DME Measurement - Interrogation Frequency

Frequency (Hz)	Min	Measured Value	Max	Result
ATC-1400A readings				
1025000000	NA	1025000000 Hz	NA	
1064000000	NA	1064000000 Hz	NA	
1110000000	NA	1110000000 Hz	NA	
1150000000	NA	1150000000 Hz	NA	
UUT readings				
1025000000	1024980000 Hz	1025000000 Hz	1025020000 Hz	Pass
1064000000	1063980000 Hz	1064000000 Hz	1064020000 Hz	Pass
1110000000	1109980000 Hz	1110000000 Hz	1110020000 Hz	Pass
1150000000	1149980000 Hz	1150000000 Hz	1150020000 Hz	Pass

CALIBRATION REPORT

REPORT No. : BC202303198	CALIBRATION DATE : 17 Mar 2023
MODEL NO. : IFR 6000	CALIBRATED BY : CAPL01
SERIAL NO. : 2000000730	REPORT TYPE : As Received
OPT FITTED : ADSB,MODE S,TCAS	

19.2 Reply readings:XPDR ATRBS Pulse Timing

Parameters	Min	Measured Value	Max	Result
F1-F2 pulse spacing	20.28 µsec	20.312 µsec	20.32 µsec	Pass
F1 pulse width	0.43 µsec	0.45 µsec	0.47 µsec	Pass
F2 pulse width	0.43 µsec	0.46 µsec	0.47 µsec	Pass

19.3 Reply Jitter is 0.82 µs (±0.02 µs)

Jitter	Min	Measured Value	Max	Result
0.82 µs	0.8 µs	0.8 µs	0.84 µs	Pass

19.4 RF Generator frequency:

Frequency (Hz)	Min	Measured Value	Max	Result
1087000000	NA	1087000000 Hz	NA	
1090000000	NA	1090000000 Hz	NA	
1093000000	NA	1093000000 Hz	NA	
1087000000	1086950000 Hz	1087020000 Hz	1087050000 Hz	Pass
1090000000	1089950000 Hz	1089990000 Hz	1090050000 Hz	Pass
1093000000	1092950000 Hz	1092980000 Hz	1093050000 Hz	Pass

20. XPDR Measurement - Reply Accuracy - Mode S

20.1 Reply Delay readings

Mode A	Min	Measured Value	Max	Result
125.0 µs	124.95 µs	124.97 µs	125.05 µs	Pass
128.0 µs	127.95 µs	128.00 µs	128.05 µs	Pass
Actual Reply Delay ITM A				
125.0 µs	124.95 µs	125.01 µs	125.05 µs	Pass
128.0 µs	127.95 µs	127.95 µs	128.05 µs	Pass
Squitter Period				
0.1 sec	0.09 sec	0.10 sec	0.11 sec	Pass
2 sec	1.99 sec	2.00 sec	2.01 sec	Pass
4.88 sec	4.87 sec	4.88 sec	4.89 sec	Pass

20.2. Altitude Encoder

Pulses Unmasked	Min	Measured Value	Max	Result
A1 P1	NA	✓	NA	Pass
A2 P2	NA	✓	NA	Pass
A4 P3	NA	✓	NA	Pass
B1 P4	NA	✓	NA	Pass
B2 P5	NA	✓	NA	Pass
B4 P6	NA	✓	NA	Pass
C1 P7	NA	✓	NA	Pass
C2 P8	NA	✓	NA	Pass
C4 P9	NA	✓	NA	Pass
D2 P11	NA	✓	NA	Pass
D4 P12	NA	✓	NA	Pass

CALIBRATION REPORT

REPORT No. : BC202303198
 MODEL NO. : IFR 6000
 SERIAL NO. : 2000000730
 OPT FITTED : ADSB,MODE S,TCAS

CALIBRATION DATE : 17 Mar 2023
 CALIBRATED BY : CAPL01
 REPORT TYPE : As Received

TCAS OPTION

32. TCAS Reply Pulse Characteristics

Pulse Characteristics	Minimum	Measured Value	Maximum	Result
F1-C1 pulse spacing	1.425 μ s	1.449 μ s	1.475 μ s	Pass
F1-A1 pulse spacing	2.875 μ s	2.900 μ s	2.925 μ s	Pass
F1-F2 pulse spacing	20.275 μ s	20.299 μ s	20.325 μ s	Pass
F1 pulse width	0.4 μ s	0.430 μ s	0.5 μ s	Pass
F1 rise time	50 ns	66.969 ns	100 ns	Pass
F1 fall time	50 ns	78.285 ns	200 ns	Pass
P1-P2 pulse spacing	0.975 μ s	1.006 μ s	1.025 μ s	Pass
P1-P3 pulse spacing	3.475 μ s	3.502 μ s	3.525 μ s	Pass
P1-P4 pulse spacing	4.475 μ s	4.516 μ s	4.525 μ s	Pass
P1-D1 pulse spacing	7.975 μ s	8.014 μ s	8.025 μ s	Pass
P1 pulse width	0.45 μ s	0.480 μ s	0.55 μ s	Pass
P1 rise time	50 ns	81.294 ns	100 ns	Pass
P1 fall time	50 ns	98.379 ns	200 ns	Pass
ALT TO-1000 ft.				
Only C2 pulse is displayed between F1 and F2 pulses				
F1 to C2 pulse spacing	4.325 μ s	✓ 4.351 μ s	4.375 μ s	Pass
ALT TO-126700 ft.				
C4 & D2 pulses are displayed between F1 and F2 pulses				
F1-C4 pulse spacing	7.225 μ s	✓ 7.254 μ s	7.275 μ s	Pass
F1-D2 pulse spacing	15.925 μ s	15.96 μ s	15.975 μ s	Pass

33. TCAS Reply Pulse Amplitude

Pulse amplitude	Minimum	Measured Value	Maximum	Result
F1 amplitude	NA	-2.13 dB	NA	
C1 pulse amplitude	-1 dB	0.46 dB	1 dB	Pass
A1 pulse amplitude	-1 dB	0.60 dB	1 dB	Pass
Record P1 amplitude	NA	-2.11 dB	NA	
P2 pulse amplitude	-1 dB	0 dB	1 dB	Pass
P3 pulse amplitude	-1 dB	-0.02 dB	1 dB	Pass
P4 pulse amplitude	-1 dB	0.04 dB	1 dB	Pass

34. TCAS Squitter Period

Period	Minimum	Measured Value	Maximum	Result
Squitter period	0.8 sec	1.03 sec	1.2 sec	Pass

35. TCAS Percent Reply

Percent Reply	Minimum	Measured Value	Maximum	Result
Record reply frequency		30.00 PRF		
10%	9 %	10.00 %	11 %	Pass
Record reply frequency		120.00 PRF		
40%	39 %	40.00 %	41 %	Pass
Record reply frequency		211.05 PRF		
70%	69 %	70.35 %	71 %	Pass
Record reply frequency		300.00 PRF		
100%	99 %	100.00 %	101 %	Pass

36. TCAS Reply Delay and Range

Delay and Range	Minimum	Measured Value	Maximum	Result
P3-F1 pulse spacing	6.767 μ s	6.811 μ s	6.867 μ s	Pass
SPR-P1 pulse spacing	127.44 μ s	127.516 μ s	127.54 μ s	Pass
5.0 nm Range Delay	64.039 μ s	64.440 μ s	64.533 μ s	Pass



Boeing Distribution Services Inc.
P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191
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www.BoeingDistribution.com

Shipped From: 3760 W. 108TH ST DOOR B, MIAMI, FL 33018

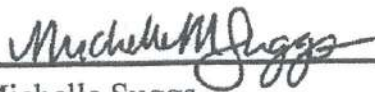
Material Certification

The items set forth on the purchase order referred to below have been visually inspected and the dimensions thereof have been measured by us, and based on the aforesaid, as well as the representation made to us by the manufacturers of the items subject of such purchase order, we hereby certify that such items are in conformity with all current governmental and manufacturer's requirements, specifications, drawings, and conform to the purchase order requirements. Said items are in new condition and have not been obtained from any U.S. Government or Military source and are traceable to Boeing Distribution Services.

FIRM: BOEING DISTRIBUTION, INC.

PURCHASE ORDER#: 46603019001

LIN#	QUANTITY	U/M	PART-NUMBER	CUST REF#	LOT-NUMBER	MANUFACTURER	CCODE	Ref Date	EXP DATE
01	4280	EA	M81824-1-2		W01781460007	SUMITOMO ELECTRIC	1JX75		
BDSI CTRL/LOT # :2022E009Y9									


Michelle Suggs
Quality Leader

09/01/22

Inv #KPSH97 09/01/22



Boeing Distribution Services Inc.

P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191
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Material Certification

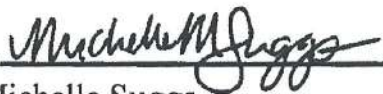
The items set forth on the purchase order referred to below have been visually inspected and the dimensions thereof have been measured by us, and based on the aforesaid, as well as the representation made to us by the manufacturers of the items subject of such purchase order, we hereby certify that such items are in conformity with all current governmental and manufacturer's requirements, specifications, drawings, and conform to the purchase order requirements. Said items are in new condition and have not been obtained from any U.S. Government or Military source and are traceable to Boeing Distribution Services.

FIRM: BOEING DISTRIBUTION, INC.

PURCHASE ORDER#: 46507293001

LINE#	QUANTITY	U/M	PART-NUMBER	CUST REF#	LOT-NUMBER	MANUFACTURER	CCODE	Eff Date	EXP DATE
1/1	2020	EA	M83519/2-8	M83519-2-8	W01620130001	SUMITOMO ELECTRIC	1JX75	07/17/20	

BDSI CTRL/LOT # :2021CME7V5


Michelle Suggs
Quality Leader
11/08/21

Inv # 11/08/21

STORE NAME: 9M-PTA ATC1 TOP; DATE: 10/30/23; TIME: 23:36:56

MTL TEST STATUS: PASS

MTL MODE A STATUS: NO DISPLAY; VALUE: 0.0
MTL MODE C STATUS: NO DISPLAY; VALUE: 0.0
MTL MODE S STATUS: VALID MEASUREMENT; VALUE: -52.5
MTL ADDRESS: 7500DB(35200333)

MODE CAP TEST STATUS: FAIL

MODE CAP MODE A STATUS: VALID MEASUREMENT; VALUE: NO REPLY
MODE CAP MODE C STATUS: VALID MEASUREMENT; VALUE: NO REPLY
MODE CAP MODE S STATUS: VALID MEASUREMENT; VALUE: REPLY
MODE CAP LEVEL STATUS: VALID MEASUREMENT; VALUE: 2
MODE CAP MODE A CODE STATUS: NO DISPLAY; VALUE: 0000
MODE CAP IDENT STATUS: NO DISPLAY; VALUE: DISABLE
MODE CAP MODE C ALTITUDE STATUS: NO DISPLAY; VALUE: 0
MODE CAP ADDRESS STATUS: VALID MEASUREMENT; VALUE: 7500DB
MODE CAP TAIL STATUS: VALID MEASUREMENT; VALUE: 9M-?
MODE CAP COUNTRY STATUS: VALID MEASUREMENT; VALUE: Malaysia

DECODER TEST STATUS: PASS

DECODER INNER LOW A STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER INNER LOW C STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER INNER HIGH A STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER INNER HIGH C STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER OUTER LOW A STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER OUTER LOW C STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER OUTER HIGH A STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER OUTER HIGH C STATUS: VALID MEASUREMENT; VALUE: PASS

SLS TEST STATUS: PASS

SLS 0 dB A STATUS: VALID MEASUREMENT; VALUE: PASS
SLS 0 dB C STATUS: VALID MEASUREMENT; VALUE: PASS
SLS -9 dB A STATUS: VALID MEASUREMENT; VALUE: PASS
SLS -9 dB C STATUS: VALID MEASUREMENT; VALUE: PASS

REPLY TEST STATUS: PASS

REPLY A CODE STATUS: VALID MEASUREMENT; VALUE: 1200
REPLY IDENT STATUS: VALID MEASUREMENT; VALUE: DISABLE
REPLY C ALTITUDE STATUS: VALID MEASUREMENT; VALUE: 100
REPLY C ALTITUDE BITS STATUS: VALID MEASUREMENT; VALUE: 408

SPACE WIDTH TEST STATUS: PASS

SPACE WIDTH F1 A STATUS: VALID MEASUREMENT; VALUE: 0.417
SPACE WIDTH F1 C STATUS: VALID MEASUREMENT; VALUE: 0.417
SPACE WIDTH F2 A STATUS: VALID MEASUREMENT; VALUE: 0.450
SPACE WIDTH F2 C STATUS: VALID MEASUREMENT; VALUE: 0.450
SPACE WIDTH F1-F2 A STATUS: VALID MEASUREMENT; VALUE: 20.267
SPACE WIDTH F1-F2 C STATUS: VALID MEASUREMENT; VALUE: 20.266

REPLY DELAY TEST STATUS: PASS

REPLY DELAY A STATUS: VALID MEASUREMENT; VALUE: 3.38
REPLY DELAY C STATUS: VALID MEASUREMENT; VALUE: 3.38

REPLY JITTER TEST STATUS: PASS

REPLY JITTER A STATUS: VALID MEASUREMENT; VALUE: 0.045
REPLY JITTER C STATUS: VALID MEASUREMENT; VALUE: 0.040

REPLY RATIO TEST STATUS: PASS

REPLY RATIO A STATUS: VALID MEASUREMENT; VALUE: 100
REPLY RATIO C STATUS: VALID MEASUREMENT; VALUE: 99
-81dBm REPLY RATIO A STATUS: VALID MEASUREMENT; VALUE: 100
-81dBm REPLY RATIO C STATUS: VALID MEASUREMENT; VALUE: 98

ATC ALL CALL TEST STATUS: PASS

ATC ALL CALL A STATUS: VALID MEASUREMENT; VALUE: PASS
ATC ALL CALL C STATUS: VALID MEASUREMENT; VALUE: PASS

PULSE AMP VAR TEST STATUS: PASS

PULSE AMP VAR A STATUS: VALID MEASUREMENT; VALUE: 0.0
PULSE AMP VAR C STATUS: VALID MEASUREMENT; VALUE: 0.1

MODE A PULSE DUR TEST STATUS: PASS
MODE A PULSE DUR F1 STATUS: VALID MEASUREMENT; VALUE: 0.417
MODE A PULSE DUR F2 STATUS: VALID MEASUREMENT; VALUE: 0.450
MODE A PULSE DUR A1 STATUS: VALID MEASUREMENT; VALUE: 0.450
MODE A PULSE DUR A2 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR A4 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR B1 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR B2 STATUS: VALID MEASUREMENT; VALUE: 0.450
MODE A PULSE DUR B4 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR C1 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR C2 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR C4 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR D1 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR D2 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR D4 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR X STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR SPI STATUS: NO DISPLAY; VALUE: 0.000

MAX PULSE AMP VAR A TEST STATUS: PASS
MAX PULSE AMP VAR A STATUS: VALID MEASUREMENT; VALUE: 0.0

MODE C PULSE DUR TEST STATUS: PASS
MODE C PULSE DUR F1 STATUS: VALID MEASUREMENT; VALUE: 0.417
MODE C PULSE DUR F2 STATUS: VALID MEASUREMENT; VALUE: 0.450
MODE C PULSE DUR A1 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR A2 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR A4 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR B1 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR B2 STATUS: VALID MEASUREMENT; VALUE: 0.450
MODE C PULSE DUR B4 STATUS: VALID MEASUREMENT; VALUE: 0.450
MODE C PULSE DUR C1 STATUS: VALID MEASUREMENT; VALUE: 0.452
MODE C PULSE DUR C2 STATUS: VALID MEASUREMENT; VALUE: 0.450
MODE C PULSE DUR C4 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR D2 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR D4 STATUS: NO DISPLAY; VALUE: 0.000

MAX PULSE AMP VAR C TEST STATUS: PASS
MAX PULSE AMP VAR C STATUS: VALID MEASUREMENT; VALUE: 0.1

FREQUENCY A TEST STATUS: PASS
FREQUENCY C TEST STATUS: PASS
FREQUENCY S TEST STATUS: PASS
FREQUENCY ALL CALL TEST STATUS: PASS
FREQUENCY A STATUS: VALID MEASUREMENT; VALUE: 1089.99
FREQUENCY C STATUS: VALID MEASUREMENT; VALUE: 1089.99
FREQUENCY S STATUS: VALID MEASUREMENT; VALUE: 1090.00
FREQUENCY ALL CALL STATUS: VALID MEASUREMENT; VALUE: 1090.00

POWER A TEST STATUS: PASS
POWER A TOP ERP STATUS: VALID MEASUREMENT; VALUE: 53.4 dBm 23.4 dBw 219 W
POWER A BOTTOM ERP STATUS: VALID MEASUREMENT; VALUE: 54.8 dBm 24.8 dBw 302 W
POWER A INSTANT ERP STATUS: VALID MEASUREMENT; VALUE: 52.8 dBm 22.8 dBw 191 W
MTL A TEST STATUS: FAIL
POWER A TOP MTL STATUS: VALID MEASUREMENT; VALUE: -74.8
POWER A BOTTOM MTL STATUS: VALID MEASUREMENT; VALUE: -74.3
POWER A INSTANT MTL STATUS: VALID MEASUREMENT; VALUE: -73.3
POWER A TOP A-C MTL STATUS: VALID MEASUREMENT; VALUE: -0.4
POWER A BOTTOM A-C MTL STATUS: VALID MEASUREMENT; VALUE: 0.3
POWER A INSTANT A-C MTL STATUS: VALID MEASUREMENT; VALUE: -0.4

POWER C TEST STATUS: PASS
POWER C TOP ERP STATUS: VALID MEASUREMENT; VALUE: 53.1 dBm 23.1 dBw 204 W
POWER C BOTTOM ERP STATUS: VALID MEASUREMENT; VALUE: 54.6 dBm 24.6 dBw 288 W
POWER C INSTANT ERP STATUS: VALID MEASUREMENT; VALUE: 52.7 dBm 22.7 dBw 186 W
MTL C TEST STATUS: PASS
POWER C TOP MTL STATUS: VALID MEASUREMENT; VALUE: -74.4
POWER C BOTTOM MTL STATUS: VALID MEASUREMENT; VALUE: -74.6
POWER C INSTANT MTL STATUS: VALID MEASUREMENT; VALUE: -72.9

POWER S TEST STATUS: PASS
POWER S TOP ERP STATUS: VALID MEASUREMENT; VALUE: 53.6 dBm 23.6 dBw 229 W
POWER S BOTTOM ERP STATUS: VALID MEASUREMENT; VALUE: 54.8 dBm 24.8 dBw 302 W

POWER S INSTANT ERP STATUS: VALID MEASUREMENT; VALUE: 52.7 dBm 22.7 dBw 186 W
MTL S TEST STATUS: PASS
POWER S TOP MTL STATUS: VALID MEASUREMENT; VALUE: -75.4
POWER S BOTTOM MTL STATUS: VALID MEASUREMENT; VALUE: -75.0
POWER S INSTANT MTL STATUS: VALID MEASUREMENT; VALUE: -73.0

POWER ALL CALL TEST STATUS: PASS
POWER ALL CALL TOP ERP STATUS: VALID MEASUREMENT; VALUE: 53.5 dBm 23.5 dBw 224 W
POWER ALL CALL BOTTOM ERP STATUS: VALID MEASUREMENT; VALUE: 54.5 dBm 24.5 dBw 282 W
POWER ALL CALL INSTANT ERP STATUS: VALID MEASUREMENT; VALUE: 52.7 dBm 22.7 dBw 186 W
MTL ALL CALL TEST STATUS: PASS
POWER ALL CALL TOP MTL STATUS: VALID MEASUREMENT; VALUE: -75.0
POWER ALL CALL BOTTOM MTL STATUS: VALID MEASUREMENT; VALUE: -75.1
POWER ALL CALL INSTANT MTL STATUS: VALID MEASUREMENT; VALUE: -72.4

ITM REPLY DELAY TEST STATUS: PASS
ITM REPLY DELAY A STATUS: VALID MEASUREMENT; VALUE: 127.87
ITM REPLY DELAY C STATUS: VALID MEASUREMENT; VALUE: 127.87

ITM REPLY JITTER TEST STATUS: PASS
ITM REPLY JITTER A STATUS: VALID MEASUREMENT; VALUE: 0.046
ITM REPLY JITTER C STATUS: VALID MEASUREMENT; VALUE: 0.039

ITM REPLY RATIO TEST STATUS: PASS
ITM REPLY RATIO A STATUS: VALID MEASUREMENT; VALUE: 100
ITM REPLY RATIO C STATUS: VALID MEASUREMENT; VALUE: 100
ITM -81dBm A STATUS: VALID MEASUREMENT; VALUE: 99
ITM -81dBm C STATUS: VALID MEASUREMENT; VALUE: 100

ITM ADDRESS TEST STATUS: PASS
ITM ADDRESS A STATUS: VALID MEASUREMENT; VALUE: 7500DB
ITM ADDRESS C STATUS: VALID MEASUREMENT; VALUE: 7500DB

MODE S ALL CALL TEST STATUS: PASS
MODE S ALL CALL STATUS: VALID MEASUREMENT; VALUE: PASS
MODE S ALL CALL ADDRESS STATUS: VALID MEASUREMENT; VALUE: 7500DB
MODE S ALL CALL TAIL STATUS: VALID MEASUREMENT; VALUE: 9M-?
MODE S ALL CALL COUNTRY STATUS: VALID MEASUREMENT; VALUE: Malaysia

MODE S REPLY DELAY TEST STATUS: PASS
MODE S REPLY DELAY STATUS: VALID MEASUREMENT; VALUE: 128.04

MODE S REPLY JITTER TEST STATUS: PASS
MODE S REPLY JITTER STATUS: VALID MEASUREMENT; VALUE: 0.042

MODE S PULSE WIDTH TEST STATUS: PASS
MODE S PULSE WIDTH STATUS: VALID MEASUREMENT; VALUE: PASS
MODE S PULSE WIDTH 1 STATUS: VALID MEASUREMENT; VALUE: 0.499
MODE S PULSE WIDTH 2 STATUS: VALID MEASUREMENT; VALUE: 0.503
MODE S PULSE WIDTH 3 STATUS: VALID MEASUREMENT; VALUE: 0.499
MODE S PULSE WIDTH 4 STATUS: VALID MEASUREMENT; VALUE: 0.503

MODE S PULSE SPACING TEST STATUS: PASS
MODE S PULSE SPACING STATUS: VALID MEASUREMENT; VALUE: PASS
MODE S PULSE SPACING 1 STATUS: VALID MEASUREMENT; VALUE: 0.994
MODE S PULSE SPACING 2 STATUS: VALID MEASUREMENT; VALUE: 3.500
MODE S PULSE SPACING 3 STATUS: VALID MEASUREMENT; VALUE: 4.494

MODE S PULSE AMP VAR TEST STATUS: PASS
MODE S PULSE AMP VAR SHORT STATUS: VALID MEASUREMENT; VALUE: 0.3
MODE S PULSE AMP VAR LONG STATUS: VALID MEASUREMENT; VALUE: 0.3

MODE S SLS TEST STATUS: PASS
MODE S SLS ON STATUS: VALID MEASUREMENT; VALUE: NO REPLY
MODE S SLS OFF STATUS: VALID MEASUREMENT; VALUE: REPLY

MODE S SQUITTER TEST STATUS: PASS
MODE S SQUITTER DF 11 PERIOD STATUS: VALID MEASUREMENT; VALUE: 1.90
MODE S SQUITTER DF 17 DETECTED STATUS: VALID MEASUREMENT; VALUE: YES

MODE S REPLY RATIO TEST STATUS: PASS
MODE S REPLY RATIO STATUS: VALID MEASUREMENT; VALUE: 100
MODE S -81dBm REPLY RATIO STATUS: VALID MEASUREMENT; VALUE: 98

MODE S INVALID ADDRESS TEST STATUS: PASS
MODE S INVALID ADDRESS STATUS: VALID MEASUREMENT; VALUE: PASS

MODE S DIVERSITY ISOLATION TEST STATUS: NOT RUN
MODE S DIVERSITY ISOLATION STATUS: VALID MEASUREMENT; VALUE: 0.0

UF0 TEST STATUS: PASS
UF0 DF STATUS: VALID MEASUREMENT; VALUE: 0
UF0 VS STATUS: VALID MEASUREMENT; VALUE: 0
UF0 CC STATUS: VALID MEASUREMENT; VALUE: 1
UF0 SL STATUS: VALID MEASUREMENT; VALUE: 2
UF0 RI STATUS: VALID MEASUREMENT; VALUE: 11
UF0 AC STATUS: VALID MEASUREMENT; VALUE: 009D(00235)
UF0 ALTITUDE STATUS: VALID MEASUREMENT; VALUE: 125
UF0 MODE C ALTITUDE COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF0 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF0 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF4 TEST STATUS: PASS
UF4 DF STATUS: VALID MEASUREMENT; VALUE: 4
UF4 FS STATUS: VALID MEASUREMENT; VALUE: 0
UF4 DR STATUS: VALID MEASUREMENT; VALUE: 0
UF4 UM STATUS: VALID MEASUREMENT; VALUE: 0
UF4 AC STATUS: VALID MEASUREMENT; VALUE: 009D(00235)
UF4 ALTITUDE STATUS: VALID MEASUREMENT; VALUE: 125
UF4 MODE C ALTITUDE COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF4 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF4 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF5 TEST STATUS: PASS
UF5 DF STATUS: VALID MEASUREMENT; VALUE: 5
UF5 FS STATUS: VALID MEASUREMENT; VALUE: 0
UF5 DR STATUS: VALID MEASUREMENT; VALUE: 0
UF5 UM STATUS: VALID MEASUREMENT; VALUE: 0
UF5 ID STATUS: VALID MEASUREMENT; VALUE: 0808(04010)
UF5 ID OCTAL STATUS: VALID MEASUREMENT; VALUE: 1200
UF5 MODE A ID COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF5 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF5 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF11 TEST STATUS: PASS
UF11 DF STATUS: VALID MEASUREMENT; VALUE: 11
UF11 CA STATUS: VALID MEASUREMENT; VALUE: 5
UF11 PI STATUS: VALID MEASUREMENT; VALUE: 00004F
UF11 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF11 II LOCKOUT GEN STATUS: NOT RUN; MEAS STATUS: NO DISPLAY; VALUE: 0
UF11 SI LOCKOUT GEN STATUS: NOT RUN; MEAS STATUS: NO DISPLAY; VALUE: 0
UF11 SI STATUS: VALID MEASUREMENT; VALUE:

UF16 TEST STATUS: PASS
UF16 DF STATUS: VALID MEASUREMENT; VALUE: 16
UF16 VS STATUS: VALID MEASUREMENT; VALUE: 0
UF16 SL STATUS: VALID MEASUREMENT; VALUE: 2
UF16 RI STATUS: VALID MEASUREMENT; VALUE: 2
UF16 MV STATUS: VALID MEASUREMENT; VALUE: 30000000000000
UF16 AC STATUS: VALID MEASUREMENT; VALUE: 009D(00235)
UF16 ALTITUDE STATUS: VALID MEASUREMENT; VALUE: 125
UF16 MODE C ALTITUDE COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF16 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF16 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF20 TEST STATUS: PASS
UF20 DF STATUS: VALID MEASUREMENT; VALUE: 20
UF20 FS STATUS: VALID MEASUREMENT; VALUE: 0
UF20 DR STATUS: VALID MEASUREMENT; VALUE: 0
UF20 UM STATUS: VALID MEASUREMENT; VALUE: 0

UF20 MB STATUS: VALID MEASUREMENT; VALUE: 10030A80F20000
UF20 AC STATUS: VALID MEASUREMENT; VALUE: 009D(00235)
UF20 ALTITUDE STATUS: VALID MEASUREMENT; VALUE: 125
UF20 MODE C ALTITUDE COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF20 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF20 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF21 TEST STATUS: PASS
UF21 DF STATUS: VALID MEASUREMENT; VALUE: 21
UF21 FS STATUS: VALID MEASUREMENT; VALUE: 0
UF21 DR STATUS: VALID MEASUREMENT; VALUE: 0
UF21 UM STATUS: VALID MEASUREMENT; VALUE: 0
UF21 MB STATUS: VALID MEASUREMENT; VALUE: 10030A80F20000
UF21 ID STATUS: VALID MEASUREMENT; VALUE: 0808(04010)
UF21 ID OCTAL STATUS: VALID MEASUREMENT; VALUE: 1200
UF21 MODE A ID COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF21 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF21 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF24 TEST STATUS: NO REPLY
UF24 RESERVATION UF4 DF STATUS: VALID MEASUREMENT; VALUE: 20
UF24 RESERVATION UF4 IIS STATUS: VALID MEASUREMENT; VALUE: 0
UF24 RESERVATION UF4 IDS STATUS: VALID MEASUREMENT; VALUE: 0
UF24 RESERVATION UF4 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB
UF24 SEGMENTS UF24 DF STATUS: NO DISPLAY; VALUE: 0
UF24 SEGMENTS UF24 KE STATUS: NO DISPLAY; VALUE: 0
UF24 SEGMENTS UF24 ND STATUS: NO DISPLAY; VALUE: 0
UF24 SEGMENTS UF24 TAS STATUS: NO DISPLAY; VALUE: 0
UF24 SEGMENTS UF24 AA STATUS: NO DISPLAY; VALUE: 000000
UF24 CLOSEOUT UF4 DF STATUS: VALID MEASUREMENT; VALUE: 20
UF24 CLOSEOUT UF4 IIS STATUS: VALID MEASUREMENT; VALUE: 0
UF24 CLOSEOUT UF4 IDS STATUS: VALID MEASUREMENT; VALUE: 0
UF24 CLOSEOUT UF4 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB

BDS 1,0 TEST STATUS: PASS
BDS 1,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,0 BDS STATUS: VALID MEASUREMENT; VALUE: 1,0
BDS 1,0 SUBNETWORK VER STATUS: VALID MEASUREMENT; VALUE: 5
BDS 1,0 ENH PROT IND STATUS: VALID MEASUREMENT; VALUE: LVL 2-4
BDS 1,0 SPEC SERV CAP STATUS: VALID MEASUREMENT; VALUE: YES
BDS 1,0 UELM CAPABILITY STATUS: VALID MEASUREMENT; VALUE: NO UELM
BDS 1,0 DELM CAPABILITY STATUS: VALID MEASUREMENT; VALUE: NO DELM
BDS 1,0 AIRCRAFT ID CAP STATUS: VALID MEASUREMENT; VALUE: YES
BDS 1,0 SURV IDENT CAP STATUS: VALID MEASUREMENT; VALUE: YES
BDS 1,0 DTE STATUS: VALID MEASUREMENT; VALUE: NO
BDS 1,0 CONT FLAG STATUS: VALID MEASUREMENT; VALUE: NO
BDS 1,0 SQUITTER CAP STATUS: VALID MEASUREMENT; VALUE: YES

3DS 2,0 TEST STATUS: PASS
3DS 2,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
3DS 2,0 BDS STATUS: VALID MEASUREMENT; VALUE: 2,0
3DS 2,0 FLIGHT ID STATUS: VALID MEASUREMENT; VALUE: POLIS12A

3DS 3,0 TEST STATUS: PASS
3DS 3,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
3DS 3,0 BDS STATUS: VALID MEASUREMENT; VALUE: 3,0
3DS 3,0 ARA STATUS: VALID MEASUREMENT; VALUE: 00000000000000
3DS 3,0 RAC STATUS: VALID MEASUREMENT; VALUE: 0000
3DS 3,0 RAT STATUS: VALID MEASUREMENT; VALUE: 0

3DS 1,7 TEST STATUS: PASS
3DS 1,7 DF STATUS: VALID MEASUREMENT; VALUE: 20
3DS 1,7 BDS STATUS: ENABLE
3DS 1,7 0,5 STATUS: ENABLE
3DS 1,7 0,6 STATUS: ENABLE
3DS 1,7 0,7 STATUS: ENABLE
3DS 1,7 0,8 STATUS: ENABLE
3DS 1,7 0,9 STATUS: ENABLE
3DS 1,7 0,A STATUS: ENABLE
3DS 1,7 2,0 STATUS: ENABLE
3DS 1,7 2,1 STATUS: DISABLE
3DS 1,7 4,0 STATUS: ENABLE

BDS 1,7 4,1 STATUS: DISABLE
BDS 1,7 4,2 STATUS: DISABLE
BDS 1,7 4,3 STATUS: DISABLE
BDS 1,7 4,4 STATUS: DISABLE
BDS 1,7 4,5 STATUS: DISABLE
BDS 1,7 4,8 STATUS: DISABLE
BDS 1,7 5,0 STATUS: ENABLE
BDS 1,7 5,1 STATUS: DISABLE
BDS 1,7 5,2 STATUS: DISABLE
BDS 1,7 5,3 STATUS: ENABLE
BDS 1,7 5,4 STATUS: DISABLE
BDS 1,7 5,5 STATUS: DISABLE
BDS 1,7 5,6 STATUS: DISABLE
BDS 1,7 5,F STATUS: ENABLE
BDS 1,7 6,0 STATUS: ENABLE

BDS 1,8 TEST STATUS: PASS
BDS 1,8 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,8 BDS STATUS: ENABLE
BDS 1,8 VALUE: 00800089C083F0

BDS 1,9 TEST STATUS: PASS
BDS 1,9 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,9 BDS STATUS: ENABLE
BDS 1,9 VALUE: 0013C004800080

BDS 1,A TEST STATUS: PASS
BDS 1,A DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,A BDS STATUS: ENABLE
BDS 1,A VALUE: 00000000000000

BDS 1,B TEST STATUS: PASS
BDS 1,B DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,B BDS STATUS: ENABLE
BDS 1,B VALUE: 00000000000000

BDS 1,C TEST STATUS: PASS
BDS 1,C DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,C BDS STATUS: ENABLE
BDS 1,C VALUE: 00000000000004C

BDS 4,0 TEST STATUS: PASS
BDS 4,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 4,0 MCU/FCU SEL ALT STATUS: VALID MEASUREMENT; VALUE: 17008
BDS 4,0 BARO PRES SET STATUS: VALID MEASUREMENT; VALUE: 1013.0

BDS 5,0 TEST STATUS: PASS
BDS 5,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 5,0 ROLL ANGLE STATUS: VALID MEASUREMENT; VALUE: -0.7
BDS 5,0 TRUE TRACK ANGLE STATUS: VALID MEASUREMENT; VALUE: -115.4
BDS 5,0 GROUND SPEED STATUS: VALID MEASUREMENT; VALUE: 0
BDS 5,0 TRACK ANGLE RATE STATUS: VALID MEASUREMENT; VALUE: 0.00
BDS 5,0 TRUE AIR SPEED STATUS: VALID MEASUREMENT; VALUE: 42

BDS 6,0 TEST STATUS: PASS
BDS 6,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 6,0 MAGNETIC HEADING STATUS: VALID MEASUREMENT; VALUE: -114.7
BDS 6,0 IND AIR SPEED STATUS: VALID MEASUREMENT; VALUE: 37
BDS 6,0 MACH NO STATUS: VALID MEASUREMENT; VALUE: 0.060
BDS 6,0 INERT VERT VEL STATUS: VALID MEASUREMENT; VALUE: 0
BDS 6,0 BARO ALT RATE STATUS: VALID MEASUREMENT; VALUE: 0

ALTITUDE ENCODER TEST STATUS: NOT RUN
ALTITUDE ENCODER STATUS: VALID MEASUREMENT; VALUE: 0
ALTITUDE ENCODER BITS STATUS: VALID MEASUREMENT; VALUE: 0
ALTITUDE ENCODER ID STATUS: NO DISPLAY; VALUE: 0000
ALTITUDE ENCODER IDENT STATUS: NO DISPLAY; VALUE: 0

STORE NAME: 9M-PTA ATC 1 BOTTOM; DATE: 10/30/23; TIME: 22:01:56

MTL TEST STATUS: PASS
MTL MODE A STATUS: VALID MEASUREMENT; VALUE: -41.5
MTL MODE C STATUS: NO DISPLAY; VALUE: 0.0
MTL MODE S STATUS: VALID MEASUREMENT; VALUE: -41.5
MTL ADDRESS: 7500DB(35200333)

MODE CAP TEST STATUS: PASS
MODE CAP MODE A STATUS: VALID MEASUREMENT; VALUE: REPLY
MODE CAP MODE C STATUS: VALID MEASUREMENT; VALUE: REPLY
MODE CAP MODE S STATUS: VALID MEASUREMENT; VALUE: REPLY
MODE CAP LEVEL STATUS: VALID MEASUREMENT; VALUE: 2
MODE CAP MODE A CODE STATUS: VALID MEASUREMENT; VALUE: 1200
MODE CAP IDENT STATUS: VALID MEASUREMENT; VALUE: DISABLE
MODE CAP MODE C ALTITUDE STATUS: VALID MEASUREMENT; VALUE: 100
MODE CAP ADDRESS STATUS: VALID MEASUREMENT; VALUE: 7500DB
MODE CAP TAIL STATUS: VALID MEASUREMENT; VALUE: 9M-?
MODE CAP COUNTRY STATUS: VALID MEASUREMENT; VALUE: Malaysia

DECODER TEST STATUS: PASS
DECODER INNER LOW A STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER INNER LOW C STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER INNER HIGH A STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER INNER HIGH C STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER OUTER LOW A STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER OUTER LOW C STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER OUTER HIGH A STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER OUTER HIGH C STATUS: VALID MEASUREMENT; VALUE: PASS

SLS TEST STATUS: PASS
SLS 0 dB A STATUS: VALID MEASUREMENT; VALUE: PASS
SLS 0 dB C STATUS: VALID MEASUREMENT; VALUE: PASS
SLS -9 dB A STATUS: VALID MEASUREMENT; VALUE: PASS
SLS -9 dB C STATUS: VALID MEASUREMENT; VALUE: PASS

REPLY TEST STATUS: PASS
REPLY A CODE STATUS: VALID MEASUREMENT; VALUE: 1200
REPLY IDENT STATUS: VALID MEASUREMENT; VALUE: DISABLE
REPLY C ALTITUDE STATUS: VALID MEASUREMENT; VALUE: 100
REPLY C ALTITUDE BITS STATUS: VALID MEASUREMENT; VALUE: 408

SPACE WIDTH TEST STATUS: PASS
SPACE WIDTH F1 A STATUS: VALID MEASUREMENT; VALUE: 0.419
SPACE WIDTH F1 C STATUS: VALID MEASUREMENT; VALUE: 0.420
SPACE WIDTH F2 A STATUS: VALID MEASUREMENT; VALUE: 0.449
SPACE WIDTH F2 C STATUS: VALID MEASUREMENT; VALUE: 0.449
SPACE WIDTH F1-F2 A STATUS: VALID MEASUREMENT; VALUE: 20.270
SPACE WIDTH F1-F2 C STATUS: VALID MEASUREMENT; VALUE: 20.270

REPLY DELAY TEST STATUS: PASS
REPLY DELAY A STATUS: VALID MEASUREMENT; VALUE: 3.40
REPLY DELAY C STATUS: VALID MEASUREMENT; VALUE: 3.41

REPLY JITTER TEST STATUS: PASS
REPLY JITTER A STATUS: VALID MEASUREMENT; VALUE: 0.047
REPLY JITTER C STATUS: VALID MEASUREMENT; VALUE: 0.044

REPLY RATIO TEST STATUS: PASS
REPLY RATIO A STATUS: VALID MEASUREMENT; VALUE: 98
REPLY RATIO C STATUS: VALID MEASUREMENT; VALUE: 96
-81dBm REPLY RATIO A STATUS: VALID MEASUREMENT; VALUE: 0
-81dBm REPLY RATIO C STATUS: VALID MEASUREMENT; VALUE: 0

ITC ALL CALL TEST STATUS: PASS
ITC ALL CALL A STATUS: VALID MEASUREMENT; VALUE: PASS
ITC ALL CALL C STATUS: VALID MEASUREMENT; VALUE: PASS

ULSE AMP VAR TEST STATUS: PASS
ULSE AMP VAR A STATUS: VALID MEASUREMENT; VALUE: 0.0
ULSE AMP VAR C STATUS: VALID MEASUREMENT; VALUE: 0.1

MODE A PULSE DUR TEST STATUS: PASS
MODE A PULSE DUR F1 STATUS: VALID MEASUREMENT; VALUE: 0.419
MODE A PULSE DUR F2 STATUS: VALID MEASUREMENT; VALUE: 0.449
MODE A PULSE DUR A1 STATUS: VALID MEASUREMENT; VALUE: 0.449
MODE A PULSE DUR A2 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR A4 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR B1 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR B2 STATUS: VALID MEASUREMENT; VALUE: 0.449
MODE A PULSE DUR B4 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR C1 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR C2 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR C4 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR D1 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR D2 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR D4 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR X STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR SPI STATUS: NO DISPLAY; VALUE: 0.000

MAX PULSE AMP VAR A TEST STATUS: PASS
MAX PULSE AMP VAR A STATUS: VALID MEASUREMENT; VALUE: 0.0

MODE C PULSE DUR TEST STATUS: PASS
MODE C PULSE DUR F1 STATUS: VALID MEASUREMENT; VALUE: 0.420
MODE C PULSE DUR F2 STATUS: VALID MEASUREMENT; VALUE: 0.449
MODE C PULSE DUR A1 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR A2 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR A4 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR B1 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR B2 STATUS: VALID MEASUREMENT; VALUE: 0.449
MODE C PULSE DUR B4 STATUS: VALID MEASUREMENT; VALUE: 0.449
MODE C PULSE DUR C1 STATUS: VALID MEASUREMENT; VALUE: 0.451
MODE C PULSE DUR C2 STATUS: VALID MEASUREMENT; VALUE: 0.449
MODE C PULSE DUR C4 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR D2 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR D4 STATUS: NO DISPLAY; VALUE: 0.000

MAX PULSE AMP VAR C TEST STATUS: PASS
MAX PULSE AMP VAR C STATUS: VALID MEASUREMENT; VALUE: 0.1

FREQUENCY A TEST STATUS: PASS
FREQUENCY C TEST STATUS: PASS
FREQUENCY S TEST STATUS: PASS
FREQUENCY ALL CALL TEST STATUS: PASS
FREQUENCY A STATUS: VALID MEASUREMENT; VALUE: 1090.00
FREQUENCY C STATUS: VALID MEASUREMENT; VALUE: 1090.01
FREQUENCY S STATUS: VALID MEASUREMENT; VALUE: 1090.01
FREQUENCY ALL CALL STATUS: VALID MEASUREMENT; VALUE: 1090.00

POWER A TEST STATUS: PASS
POWER A TOP ERP STATUS: NO DISPLAY; VALUE: 0.0 dBm 0.0 dBw 0 W
POWER A BOTTOM ERP STATUS: VALID MEASUREMENT; VALUE: 50.3 dBm 20.3 dBw 107 W
POWER A INSTANT ERP STATUS: VALID MEASUREMENT; VALUE: 50.3 dBm 20.3 dBw 107 W
MTL A TEST STATUS: PASS
POWER A TOP MTL STATUS: NO DISPLAY; VALUE: -70.0
POWER A BOTTOM MTL STATUS: VALID MEASUREMENT; VALUE: -71.8
POWER A INSTANT MTL STATUS: VALID MEASUREMENT; VALUE: -71.8
POWER A TOP A-C MTL STATUS: NO DISPLAY; VALUE: 0.0
POWER A BOTTOM A-C MTL STATUS: VALID MEASUREMENT; VALUE: 0.0
POWER A INSTANT A-C MTL STATUS: VALID MEASUREMENT; VALUE: 0.0

POWER C TEST STATUS: PASS
POWER C TOP ERP STATUS: NO DISPLAY; VALUE: 0.0 dBm 0.0 dBw 0 W
POWER C BOTTOM ERP STATUS: VALID MEASUREMENT; VALUE: 50.2 dBm 20.2 dBw 105 W
POWER C INSTANT ERP STATUS: VALID MEASUREMENT; VALUE: 50.2 dBm 20.2 dBw 105 W
MTL C TEST STATUS: PASS
POWER C TOP MTL STATUS: NO DISPLAY; VALUE: -70.0
POWER C BOTTOM MTL STATUS: VALID MEASUREMENT; VALUE: -71.8
POWER C INSTANT MTL STATUS: VALID MEASUREMENT; VALUE: -71.8

POWER S TEST STATUS: PASS
POWER S TOP ERP STATUS: NO DISPLAY; VALUE: 0.0 dBm 0.0 dBw 0 W
POWER S BOTTOM ERP STATUS: VALID MEASUREMENT; VALUE: 50.4 dBm 20.4 dBw 110 W

POWER S INSTANT ERP STATUS: VALID MEASUREMENT; VALUE: 50.4 dBm 20.4 dBw 110 W
MTL S TEST STATUS: PASS
POWER S TOP MTL STATUS: NO DISPLAY; VALUE: -70.0
POWER S BOTTOM MTL STATUS: VALID MEASUREMENT; VALUE: -72.1
POWER S INSTANT MTL STATUS: VALID MEASUREMENT; VALUE: -72.1

POWER ALL CALL TEST STATUS: PASS
POWER ALL CALL TOP ERP STATUS: NO DISPLAY; VALUE: 0.0 dBm 0.0 dBw 0 W
POWER ALL CALL BOTTOM ERP STATUS: VALID MEASUREMENT; VALUE: 50.4 dBm 20.4 dBw
110 W
POWER ALL CALL INSTANT ERP STATUS: VALID MEASUREMENT; VALUE: 50.4 dBm 20.4 dBw
110 W
MTL ALL CALL TEST STATUS: PASS
POWER ALL CALL TOP MTL STATUS: NO DISPLAY; VALUE: -70.0
POWER ALL CALL BOTTOM MTL STATUS: VALID MEASUREMENT; VALUE: -71.9
POWER ALL CALL INSTANT MTL STATUS: VALID MEASUREMENT; VALUE: -71.9

ITM REPLY DELAY TEST STATUS: PASS
ITM REPLY DELAY A STATUS: VALID MEASUREMENT; VALUE: 127.90
ITM REPLY DELAY C STATUS: VALID MEASUREMENT; VALUE: 127.91

ITM REPLY JITTER TEST STATUS: PASS
ITM REPLY JITTER A STATUS: VALID MEASUREMENT; VALUE: 0.045
ITM REPLY JITTER C STATUS: VALID MEASUREMENT; VALUE: 0.044

ITM REPLY RATIO TEST STATUS: PASS
ITM REPLY RATIO A STATUS: VALID MEASUREMENT; VALUE: 99
ITM REPLY RATIO C STATUS: VALID MEASUREMENT; VALUE: 99
ITM -81dBm A STATUS: VALID MEASUREMENT; VALUE: 0
ITM -81dBm C STATUS: VALID MEASUREMENT; VALUE: 0

ITM ADDRESS TEST STATUS: PASS
ITM ADDRESS A STATUS: VALID MEASUREMENT; VALUE: 7500DB
ITM ADDRESS C STATUS: VALID MEASUREMENT; VALUE: 7500DB

MODE S ALL CALL TEST STATUS: PASS
MODE S ALL CALL STATUS: VALID MEASUREMENT; VALUE: PASS
MODE S ALL CALL ADDRESS STATUS: VALID MEASUREMENT; VALUE: 7500DB
MODE S ALL CALL TAIL STATUS: VALID MEASUREMENT; VALUE: 9M-?
MODE S ALL CALL COUNTRY STATUS: VALID MEASUREMENT; VALUE: Malaysia

MODE S REPLY DELAY TEST STATUS: PASS
MODE S REPLY DELAY STATUS: VALID MEASUREMENT; VALUE: 128.08

MODE S REPLY JITTER TEST STATUS: PASS
MODE S REPLY JITTER STATUS: VALID MEASUREMENT; VALUE: 0.041

MODE S PULSE WIDTH TEST STATUS: PASS
MODE S PULSE WIDTH STATUS: VALID MEASUREMENT; VALUE: PASS
MODE S PULSE WIDTH 1 STATUS: VALID MEASUREMENT; VALUE: 0.500
MODE S PULSE WIDTH 2 STATUS: VALID MEASUREMENT; VALUE: 0.504
MODE S PULSE WIDTH 3 STATUS: VALID MEASUREMENT; VALUE: 0.500
MODE S PULSE WIDTH 4 STATUS: VALID MEASUREMENT; VALUE: 0.504

MODE S PULSE SPACING TEST STATUS: PASS
MODE S PULSE SPACING STATUS: VALID MEASUREMENT; VALUE: PASS
MODE S PULSE SPACING 1 STATUS: VALID MEASUREMENT; VALUE: 0.995
MODE S PULSE SPACING 2 STATUS: VALID MEASUREMENT; VALUE: 3.500
MODE S PULSE SPACING 3 STATUS: VALID MEASUREMENT; VALUE: 4.495

MODE S PULSE AMP VAR TEST STATUS: PASS
MODE S PULSE AMP VAR SHORT STATUS: VALID MEASUREMENT; VALUE: 0.3
MODE S PULSE AMP VAR LONG STATUS: VALID MEASUREMENT; VALUE: 0.3

MODE S SLS TEST STATUS: PASS
MODE S SLS ON STATUS: VALID MEASUREMENT; VALUE: NO REPLY
MODE S SLS OFF STATUS: VALID MEASUREMENT; VALUE: REPLY

MODE S SQUITTER TEST STATUS: PASS
MODE S SQUITTER DF 11 PERIOD STATUS: VALID MEASUREMENT; VALUE: 1.95
MODE S SQUITTER DF 17 DETECTED STATUS: VALID MEASUREMENT; VALUE: YES

MODE S REPLY RATIO TEST STATUS: PASS
MODE S REPLY RATIO STATUS: VALID MEASUREMENT; VALUE: 99
MODE S -81dBm REPLY RATIO STATUS: VALID MEASUREMENT; VALUE: 0

MODE S INVALID ADDRESS TEST STATUS: PASS
MODE S INVALID ADDRESS STATUS: VALID MEASUREMENT; VALUE: PASS

MODE S DIVERSITY ISOLATION TEST STATUS: NOT RUN
MODE S DIVERSITY ISOLATION STATUS: VALID MEASUREMENT; VALUE: 0.0

UF0 TEST STATUS: PASS
UF0 DF STATUS: VALID MEASUREMENT; VALUE: 0
UF0 VS STATUS: VALID MEASUREMENT; VALUE: 0
UF0 CC STATUS: VALID MEASUREMENT; VALUE: 1
UF0 SL STATUS: VALID MEASUREMENT; VALUE: 2
UF0 RI STATUS: VALID MEASUREMENT; VALUE: 11
UF0 AC STATUS: VALID MEASUREMENT; VALUE: 009D(00235)
UF0 ALTITUDE STATUS: VALID MEASUREMENT; VALUE: 125
UF0 MODE C ALTITUDE COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF0 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF0 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF4 TEST STATUS: PASS
UF4 DF STATUS: VALID MEASUREMENT; VALUE: 4
UF4 FS STATUS: VALID MEASUREMENT; VALUE: 0
UF4 DR STATUS: VALID MEASUREMENT; VALUE: 4
UF4 UM STATUS: VALID MEASUREMENT; VALUE: 0
UF4 AC STATUS: VALID MEASUREMENT; VALUE: 009D(00235)
UF4 ALTITUDE STATUS: VALID MEASUREMENT; VALUE: 125
UF4 MODE C ALTITUDE COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF4 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF4 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF5 TEST STATUS: PASS
UF5 DF STATUS: VALID MEASUREMENT; VALUE: 5
UF5 FS STATUS: VALID MEASUREMENT; VALUE: 0
UF5 DR STATUS: VALID MEASUREMENT; VALUE: 4
UF5 UM STATUS: VALID MEASUREMENT; VALUE: 0
UF5 ID STATUS: VALID MEASUREMENT; VALUE: 0808(04010)
UF5 ID OCTAL STATUS: VALID MEASUREMENT; VALUE: 1200
UF5 MODE A ID COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF5 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF5 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF11 TEST STATUS: PASS
UF11 DF STATUS: VALID MEASUREMENT; VALUE: 11
UF11 CA STATUS: VALID MEASUREMENT; VALUE: 5
UF11 PI STATUS: VALID MEASUREMENT; VALUE: 00004F
UF11 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF11 II LOCKOUT GEN STATUS: NOT RUN; MEAS STATUS: NO DISPLAY; VALUE: 0
UF11 II STATUS: VALID MEASUREMENT; VALUE:
UF11 SI LOCKOUT GEN STATUS: NOT RUN; MEAS STATUS: NO DISPLAY; VALUE: 0
UF11 SI STATUS: VALID MEASUREMENT; VALUE:

UF16 TEST STATUS: PASS
UF16 DF STATUS: VALID MEASUREMENT; VALUE: 16
UF16 VS STATUS: VALID MEASUREMENT; VALUE: 0
UF16 SL STATUS: VALID MEASUREMENT; VALUE: 2
UF16 RI STATUS: VALID MEASUREMENT; VALUE: 2
UF16 MV STATUS: VALID MEASUREMENT; VALUE: 30000000000000
UF16 AC STATUS: VALID MEASUREMENT; VALUE: 009D(00235)
UF16 ALTITUDE STATUS: VALID MEASUREMENT; VALUE: 125
UF16 MODE C ALTITUDE COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF16 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF16 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF20 TEST STATUS: PASS
UF20 DF STATUS: VALID MEASUREMENT; VALUE: 20
UF20 FS STATUS: VALID MEASUREMENT; VALUE: 0
UF20 DR STATUS: VALID MEASUREMENT; VALUE: 0
UF20 UM STATUS: VALID MEASUREMENT; VALUE: 0
UF20 MB STATUS: VALID MEASUREMENT; VALUE: 10030A80F20000

UF20 AC STATUS: VALID MEASUREMENT; VALUE: 009D(00235)
UF20 ALTITUDE STATUS: VALID MEASUREMENT; VALUE: 125
UF20 MODE C ALTITUDE COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF20 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF20 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF21 TEST STATUS: PASS
UF21 DF STATUS: VALID MEASUREMENT; VALUE: 21
UF21 FS STATUS: VALID MEASUREMENT; VALUE: 0
UF21 DR STATUS: VALID MEASUREMENT; VALUE: 0
UF21 UM STATUS: VALID MEASUREMENT; VALUE: 0
UF21 MB STATUS: VALID MEASUREMENT; VALUE: 10030A80F20000
UF21 ID STATUS: VALID MEASUREMENT; VALUE: 0808(04010)
UF21 ID OCTAL STATUS: VALID MEASUREMENT; VALUE: 1200
UF21 MODE A ID COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF21 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF21 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF24 TEST STATUS: NO REPLY
UF24 RESERVATION UF4 DF STATUS: VALID MEASUREMENT; VALUE: 20
UF24 RESERVATION UF4 IIS STATUS: VALID MEASUREMENT; VALUE: 0
UF24 RESERVATION UF4 IDS STATUS: VALID MEASUREMENT; VALUE: 0
UF24 RESERVATION UF4 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB
UF24 SEGMENTS UF24 DF STATUS: NO DISPLAY; VALUE: 0
UF24 SEGMENTS UF24 KE STATUS: NO DISPLAY; VALUE: 0
UF24 SEGMENTS UF24 ND STATUS: NO DISPLAY; VALUE: 0
UF24 SEGMENTS UF24 TAS STATUS: NO DISPLAY; VALUE: 0
UF24 SEGMENTS UF24 AA STATUS: NO DISPLAY; VALUE: 000000
UF24 CLOSEOUT UF4 DF STATUS: VALID MEASUREMENT; VALUE: 20
UF24 CLOSEOUT UF4 IIS STATUS: VALID MEASUREMENT; VALUE: 0
UF24 CLOSEOUT UF4 IDS STATUS: VALID MEASUREMENT; VALUE: 0
UF24 CLOSEOUT UF4 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB

BDS 1,0 TEST STATUS: PASS
BDS 1,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,0 BDS STATUS: VALID MEASUREMENT; VALUE: 1,0
BDS 1,0 SUBNETWORK VER STATUS: VALID MEASUREMENT; VALUE: 5
BDS 1,0 ENH PROT IND STATUS: VALID MEASUREMENT; VALUE: LVL 2-4
BDS 1,0 SPEC SERV CAP STATUS: VALID MEASUREMENT; VALUE: YES
BDS 1,0 UELM CAPABILITY STATUS: VALID MEASUREMENT; VALUE: NO UELM
BDS 1,0 DELM CAPABILITY STATUS: VALID MEASUREMENT; VALUE: NO DELM
BDS 1,0 AIRCRAFT ID CAP STATUS: VALID MEASUREMENT; VALUE: YES
BDS 1,0 SURV IDENT CAP STATUS: VALID MEASUREMENT; VALUE: YES
BDS 1,0 DTE STATUS: VALID MEASUREMENT; VALUE: NO
BDS 1,0 CONT FLAG STATUS: VALID MEASUREMENT; VALUE: NO
BDS 1,0 SQUITTER CAP STATUS: VALID MEASUREMENT; VALUE: YES

3DS 2,0 TEST STATUS: PASS
3DS 2,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
3DS 2,0 BDS STATUS: VALID MEASUREMENT; VALUE: 2,0
3DS 2,0 FLIGHT ID STATUS: VALID MEASUREMENT; VALUE: POLIS12A

3DS 3,0 TEST STATUS: PASS
3DS 3,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
3DS 3,0 BDS STATUS: VALID MEASUREMENT; VALUE: 3,0
3DS 3,0 ARA STATUS: VALID MEASUREMENT; VALUE: 0000000000000000
3DS 3,0 RAC STATUS: VALID MEASUREMENT; VALUE: 0000
3DS 3,0 RAT STATUS: VALID MEASUREMENT; VALUE: 0

3DS 1,7 TEST STATUS: PASS
3DS 1,7 DF STATUS: VALID MEASUREMENT; VALUE: 20
3DS 1,7 BDS STATUS: ENABLE
3DS 1,7 0,5 STATUS: ENABLE
3DS 1,7 0,6 STATUS: ENABLE
3DS 1,7 0,7 STATUS: ENABLE
3DS 1,7 0,8 STATUS: ENABLE
3DS 1,7 0,9 STATUS: ENABLE
3DS 1,7 0,A STATUS: ENABLE
3DS 1,7 2,0 STATUS: ENABLE
3DS 1,7 2,1 STATUS: DISABLE
3DS 1,7 4,0 STATUS: ENABLE
3DS 1,7 4,1 STATUS: DISABLE

BDS 1,7 4,2 STATUS: DISABLE
BDS 1,7 4,3 STATUS: DISABLE
BDS 1,7 4,4 STATUS: DISABLE
BDS 1,7 4,5 STATUS: DISABLE
BDS 1,7 4,8 STATUS: DISABLE
BDS 1,7 5,0 STATUS: ENABLE
BDS 1,7 5,1 STATUS: DISABLE
BDS 1,7 5,2 STATUS: DISABLE
BDS 1,7 5,3 STATUS: ENABLE
BDS 1,7 5,4 STATUS: DISABLE
BDS 1,7 5,5 STATUS: DISABLE
BDS 1,7 5,6 STATUS: DISABLE
BDS 1,7 5,F STATUS: ENABLE
BDS 1,7 6,0 STATUS: ENABLE

BDS 1,8 TEST STATUS: PASS
BDS 1,8 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,8 BDS STATUS: ENABLE
BDS 1,8 VALUE: 00800089C083F0

BDS 1,9 TEST STATUS: PASS
BDS 1,9 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,9 BDS STATUS: ENABLE
BDS 1,9 VALUE: 0013C004800080

BDS 1,A TEST STATUS: PASS
BDS 1,A DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,A BDS STATUS: ENABLE
BDS 1,A VALUE: 000000000000000

BDS 1,B TEST STATUS: PASS
BDS 1,B DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,B BDS STATUS: ENABLE
BDS 1,B VALUE: 000000000000000

BDS 1,C TEST STATUS: PASS
BDS 1,C DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,C BDS STATUS: ENABLE
BDS 1,C VALUE: 00000000000004C

BDS 4,0 TEST STATUS: PASS
BDS 4,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 4,0 MCU/FCU SEL ALT STATUS: VALID MEASUREMENT; VALUE: 4000
BDS 4,0 BARO PRES SET STATUS: VALID MEASUREMENT; VALUE: 1013.0

BDS 5,0 TEST STATUS: PASS
BDS 5,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 5,0 ROLL ANGLE STATUS: VALID MEASUREMENT; VALUE: 0.3
BDS 5,0 TRUE TRACK ANGLE STATUS: VALID MEASUREMENT; VALUE: -116.0
BDS 5,0 GROUND SPEED STATUS: VALID MEASUREMENT; VALUE: 0
BDS 5,0 TRACK ANGLE RATE STATUS: VALID MEASUREMENT; VALUE: 0.00
BDS 5,0 TRUE AIR SPEED STATUS: VALID MEASUREMENT; VALUE: 40

BDS 6,0 TEST STATUS: PASS
BDS 6,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 6,0 MAGNETIC HEADING STATUS: VALID MEASUREMENT; VALUE: -115.1
BDS 6,0 IND AIR SPEED STATUS: VALID MEASUREMENT; VALUE: 35
BDS 6,0 MACH NO STATUS: VALID MEASUREMENT; VALUE: 0.060
BDS 6,0 INERT VERT VEL STATUS: VALID MEASUREMENT; VALUE: 0
BDS 6,0 BARO ALT RATE STATUS: VALID MEASUREMENT; VALUE: 0

ALTITUDE ENCODER TEST STATUS: NOT RUN
ALTITUDE ENCODER STATUS: VALID MEASUREMENT; VALUE: 0
ALTITUDE ENCODER BITS STATUS: VALID MEASUREMENT; VALUE: 0
ALTITUDE ENCODER ID STATUS: NO DISPLAY; VALUE: 0000
ALTITUDE ENCODER IDENT STATUS: NO DISPLAY; VALUE: 0

STORE NAME: 9M-PTA ATC 1 ADSB AIR; DATE: 10/30/23; TIME: 22:08:25

MTL TEST STATUS: PASS
MTL MODE A STATUS: VALID MEASUREMENT; VALUE: -45.5
MTL MODE C STATUS: NO DISPLAY; VALUE: 0.0
MTL MODE S STATUS: VALID MEASUREMENT; VALUE: -45.5
MTL ADDRESS: 7500DB(35200333)

MODE CAP TEST STATUS: PASS
MODE CAP MODE A STATUS: VALID MEASUREMENT; VALUE: REPLY
MODE CAP MODE C STATUS: VALID MEASUREMENT; VALUE: REPLY
MODE CAP MODE S STATUS: VALID MEASUREMENT; VALUE: REPLY
MODE CAP LEVEL STATUS: VALID MEASUREMENT; VALUE: 2
MODE CAP MODE A CODE STATUS: VALID MEASUREMENT; VALUE: 1200
MODE CAP IDENT STATUS: VALID MEASUREMENT; VALUE: DISABLE
MODE CAP MODE C ALTITUDE STATUS: VALID MEASUREMENT; VALUE: 100
MODE CAP ADDRESS STATUS: VALID MEASUREMENT; VALUE: 7500DB
MODE CAP TAIL STATUS: VALID MEASUREMENT; VALUE: 9M-?
MODE CAP COUNTRY STATUS: VALID MEASUREMENT; VALUE: Malaysia

DECODER TEST STATUS: PASS
DECODER INNER LOW A STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER INNER LOW C STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER INNER HIGH A STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER INNER HIGH C STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER OUTER LOW A STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER OUTER LOW C STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER OUTER HIGH A STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER OUTER HIGH C STATUS: VALID MEASUREMENT; VALUE: PASS

SLS TEST STATUS: PASS
SLS 0 dB A STATUS: VALID MEASUREMENT; VALUE: PASS
SLS 0 dB C STATUS: VALID MEASUREMENT; VALUE: PASS
SLS -9 dB A STATUS: VALID MEASUREMENT; VALUE: PASS
SLS -9 dB C STATUS: VALID MEASUREMENT; VALUE: PASS

REPLY TEST STATUS: PASS
REPLY A CODE STATUS: VALID MEASUREMENT; VALUE: 1200
REPLY IDENT STATUS: VALID MEASUREMENT; VALUE: DISABLE
REPLY C ALTITUDE STATUS: VALID MEASUREMENT; VALUE: 100
REPLY C ALTITUDE BITS STATUS: VALID MEASUREMENT; VALUE: 408

SPACE WIDTH TEST STATUS: PASS
SPACE WIDTH F1 A STATUS: VALID MEASUREMENT; VALUE: 0.419
SPACE WIDTH F1 C STATUS: VALID MEASUREMENT; VALUE: 0.420
SPACE WIDTH F2 A STATUS: VALID MEASUREMENT; VALUE: 0.449
SPACE WIDTH F2 C STATUS: VALID MEASUREMENT; VALUE: 0.449
SPACE WIDTH F1-F2 A STATUS: VALID MEASUREMENT; VALUE: 20.270
SPACE WIDTH F1-F2 C STATUS: VALID MEASUREMENT; VALUE: 20.270

REPLY DELAY TEST STATUS: PASS
REPLY DELAY A STATUS: VALID MEASUREMENT; VALUE: 3.40
REPLY DELAY C STATUS: VALID MEASUREMENT; VALUE: 3.41

REPLY JITTER TEST STATUS: PASS
REPLY JITTER A STATUS: VALID MEASUREMENT; VALUE: 0.047
REPLY JITTER C STATUS: VALID MEASUREMENT; VALUE: 0.044

REPLY RATIO TEST STATUS: PASS
REPLY RATIO A STATUS: VALID MEASUREMENT; VALUE: 98
REPLY RATIO C STATUS: VALID MEASUREMENT; VALUE: 96
81dBm REPLY RATIO A STATUS: VALID MEASUREMENT; VALUE: 0
81dBm REPLY RATIO C STATUS: VALID MEASUREMENT; VALUE: 0

TC ALL CALL TEST STATUS: PASS
TC ALL CALL A STATUS: VALID MEASUREMENT; VALUE: PASS
TC ALL CALL C STATUS: VALID MEASUREMENT; VALUE: PASS

ULSE AMP VAR TEST STATUS: PASS
ULSE AMP VAR A STATUS: VALID MEASUREMENT; VALUE: 0.0
ULSE AMP VAR C STATUS: VALID MEASUREMENT; VALUE: 0.1

MODE A PULSE DUR TEST STATUS: PASS
MODE A PULSE DUR F1 STATUS: VALID MEASUREMENT; VALUE: 0.419
MODE A PULSE DUR F2 STATUS: VALID MEASUREMENT; VALUE: 0.449
MODE A PULSE DUR A1 STATUS: VALID MEASUREMENT; VALUE: 0.449
MODE A PULSE DUR A2 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR A4 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR B1 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR B2 STATUS: VALID MEASUREMENT; VALUE: 0.449
MODE A PULSE DUR B4 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR C1 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR C2 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR C4 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR D1 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR D2 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR D4 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR X STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR SPI STATUS: NO DISPLAY; VALUE: 0.000

MAX PULSE AMP VAR A TEST STATUS: PASS
MAX PULSE AMP VAR A STATUS: VALID MEASUREMENT; VALUE: 0.0

MODE C PULSE DUR TEST STATUS: PASS
MODE C PULSE DUR F1 STATUS: VALID MEASUREMENT; VALUE: 0.420
MODE C PULSE DUR F2 STATUS: VALID MEASUREMENT; VALUE: 0.449
MODE C PULSE DUR A1 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR A2 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR A4 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR B1 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR B2 STATUS: VALID MEASUREMENT; VALUE: 0.449
MODE C PULSE DUR B4 STATUS: VALID MEASUREMENT; VALUE: 0.449
MODE C PULSE DUR C1 STATUS: VALID MEASUREMENT; VALUE: 0.451
MODE C PULSE DUR C2 STATUS: VALID MEASUREMENT; VALUE: 0.449
MODE C PULSE DUR C4 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR D2 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR D4 STATUS: NO DISPLAY; VALUE: 0.000

MAX PULSE AMP VAR C TEST STATUS: PASS
MAX PULSE AMP VAR C STATUS: VALID MEASUREMENT; VALUE: 0.1

FREQUENCY A TEST STATUS: PASS
FREQUENCY C TEST STATUS: PASS
FREQUENCY S TEST STATUS: PASS
FREQUENCY ALL CALL TEST STATUS: PASS
FREQUENCY A STATUS: VALID MEASUREMENT; VALUE: 1090.00
FREQUENCY C STATUS: VALID MEASUREMENT; VALUE: 1090.01
FREQUENCY S STATUS: VALID MEASUREMENT; VALUE: 1090.01
FREQUENCY ALL CALL STATUS: VALID MEASUREMENT; VALUE: 1090.00

POWER A TEST STATUS: PASS
POWER A TOP ERP STATUS: NO DISPLAY; VALUE: 0.0 dBm 0.0 dBw 0 W
POWER A BOTTOM ERP STATUS: VALID MEASUREMENT; VALUE: 50.3 dBm 20.3 dBw 107 W
POWER A INSTANT ERP STATUS: VALID MEASUREMENT; VALUE: 50.3 dBm 20.3 dBw 107 W
MTL A TEST STATUS: PASS
POWER A TOP MTL STATUS: NO DISPLAY; VALUE: -70.0
POWER A BOTTOM MTL STATUS: VALID MEASUREMENT; VALUE: -71.8
POWER A INSTANT MTL STATUS: VALID MEASUREMENT; VALUE: -71.8
POWER A TOP A-C MTL STATUS: NO DISPLAY; VALUE: 0.0
POWER A BOTTOM A-C MTL STATUS: VALID MEASUREMENT; VALUE: 0.0
POWER A INSTANT A-C MTL STATUS: VALID MEASUREMENT; VALUE: 0.0

POWER C TEST STATUS: PASS
POWER C TOP ERP STATUS: NO DISPLAY; VALUE: 0.0 dBm 0.0 dBw 0 W
POWER C BOTTOM ERP STATUS: VALID MEASUREMENT; VALUE: 50.2 dBm 20.2 dBw 105 W
POWER C INSTANT ERP STATUS: VALID MEASUREMENT; VALUE: 50.2 dBm 20.2 dBw 105 W
MTL C TEST STATUS: PASS
POWER C TOP MTL STATUS: NO DISPLAY; VALUE: -70.0
POWER C BOTTOM MTL STATUS: VALID MEASUREMENT; VALUE: -71.8
POWER C INSTANT MTL STATUS: VALID MEASUREMENT; VALUE: -71.8

POWER S TEST STATUS: PASS
POWER S TOP ERP STATUS: NO DISPLAY; VALUE: 0.0 dBm 0.0 dBw 0 W
POWER S BOTTOM ERP STATUS: VALID MEASUREMENT; VALUE: 50.4 dBm 20.4 dBw 110 W

POWER S INSTANT ERP STATUS: VALID MEASUREMENT; VALUE: 50.4 dBm 20.4 dBw 110 W
MTL S TEST STATUS: PASS
POWER S TOP MTL STATUS: NO DISPLAY; VALUE: -70.0
POWER S BOTTOM MTL STATUS: VALID MEASUREMENT; VALUE: -72.1
POWER S INSTANT MTL STATUS: VALID MEASUREMENT; VALUE: -72.1

POWER ALL CALL TEST STATUS: PASS
POWER ALL CALL TOP ERP STATUS: NO DISPLAY; VALUE: 0.0 dBm 0.0 dBw 0 W
POWER ALL CALL BOTTOM ERP STATUS: VALID MEASUREMENT; VALUE: 50.4 dBm 20.4 dBw
110 W
POWER ALL CALL INSTANT ERP STATUS: VALID MEASUREMENT; VALUE: 50.4 dBm 20.4 dBw
110 W
MTL ALL CALL TEST STATUS: PASS
POWER ALL CALL TOP MTL STATUS: NO DISPLAY; VALUE: -70.0
POWER ALL CALL BOTTOM MTL STATUS: VALID MEASUREMENT; VALUE: -71.9
POWER ALL CALL INSTANT MTL STATUS: VALID MEASUREMENT; VALUE: -71.9

ITM REPLY DELAY TEST STATUS: PASS
ITM REPLY DELAY A STATUS: VALID MEASUREMENT; VALUE: 127.90
ITM REPLY DELAY C STATUS: VALID MEASUREMENT; VALUE: 127.91

ITM REPLY JITTER TEST STATUS: PASS
ITM REPLY JITTER A STATUS: VALID MEASUREMENT; VALUE: 0.045
ITM REPLY JITTER C STATUS: VALID MEASUREMENT; VALUE: 0.044

ITM REPLY RATIO TEST STATUS: PASS
ITM REPLY RATIO A STATUS: VALID MEASUREMENT; VALUE: 99
ITM REPLY RATIO C STATUS: VALID MEASUREMENT; VALUE: 99
ITM -81dBm A STATUS: VALID MEASUREMENT; VALUE: 0
ITM -81dBm C STATUS: VALID MEASUREMENT; VALUE: 0

ITM ADDRESS TEST STATUS: PASS
ITM ADDRESS A STATUS: VALID MEASUREMENT; VALUE: 7500DB
ITM ADDRESS C STATUS: VALID MEASUREMENT; VALUE: 7500DB

MODE S ALL CALL TEST STATUS: PASS
MODE S ALL CALL STATUS: VALID MEASUREMENT; VALUE: PASS
MODE S ALL CALL ADDRESS STATUS: VALID MEASUREMENT; VALUE: 7500DB
MODE S ALL CALL TAIL STATUS: VALID MEASUREMENT; VALUE: 9M-?
MODE S ALL CALL COUNTRY STATUS: VALID MEASUREMENT; VALUE: Malaysia

MODE S REPLY DELAY TEST STATUS: PASS
MODE S REPLY DELAY STATUS: VALID MEASUREMENT; VALUE: 128.08

MODE S REPLY JITTER TEST STATUS: PASS
MODE S REPLY JITTER STATUS: VALID MEASUREMENT; VALUE: 0.041

MODE S PULSE WIDTH TEST STATUS: PASS
MODE S PULSE WIDTH STATUS: VALID MEASUREMENT; VALUE: PASS
MODE S PULSE WIDTH 1 STATUS: VALID MEASUREMENT; VALUE: 0.500
MODE S PULSE WIDTH 2 STATUS: VALID MEASUREMENT; VALUE: 0.504
MODE S PULSE WIDTH 3 STATUS: VALID MEASUREMENT; VALUE: 0.500
MODE S PULSE WIDTH 4 STATUS: VALID MEASUREMENT; VALUE: 0.504

MODE S PULSE SPACING TEST STATUS: PASS
MODE S PULSE SPACING STATUS: VALID MEASUREMENT; VALUE: PASS
MODE S PULSE SPACING 1 STATUS: VALID MEASUREMENT; VALUE: 0.995
MODE S PULSE SPACING 2 STATUS: VALID MEASUREMENT; VALUE: 3.500
MODE S PULSE SPACING 3 STATUS: VALID MEASUREMENT; VALUE: 4.495

MODE S PULSE AMP VAR TEST STATUS: PASS
MODE S PULSE AMP VAR SHORT STATUS: VALID MEASUREMENT; VALUE: 0.3
MODE S PULSE AMP VAR LONG STATUS: VALID MEASUREMENT; VALUE: 0.3

MODE S SLS TEST STATUS: PASS
MODE S SLS ON STATUS: VALID MEASUREMENT; VALUE: NO REPLY
MODE S SLS OFF STATUS: VALID MEASUREMENT; VALUE: REPLY

MODE S SQUITTER TEST STATUS: PASS
MODE S SQUITTER DF 11 PERIOD STATUS: VALID MEASUREMENT; VALUE: 1.95
MODE S SQUITTER DF 17 DETECTED STATUS: VALID MEASUREMENT; VALUE: YES

MODE S REPLY RATIO TEST STATUS: PASS
MODE S REPLY RATIO STATUS: VALID MEASUREMENT; VALUE: 99
MODE S -81dBm REPLY RATIO STATUS: VALID MEASUREMENT; VALUE: 0

MODE S INVALID ADDRESS TEST STATUS: PASS
MODE S INVALID ADDRESS STATUS: VALID MEASUREMENT; VALUE: PASS

MODE S DIVERSITY ISOLATION TEST STATUS: NOT RUN
MODE S DIVERSITY ISOLATION STATUS: VALID MEASUREMENT; VALUE: 0.0

UF0 TEST STATUS: PASS
UF0 DF STATUS: VALID MEASUREMENT; VALUE: 0
UF0 VS STATUS: VALID MEASUREMENT; VALUE: 0
UF0 CC STATUS: VALID MEASUREMENT; VALUE: 1
UF0 SL STATUS: VALID MEASUREMENT; VALUE: 2
UF0 RI STATUS: VALID MEASUREMENT; VALUE: 11
UF0 AC STATUS: VALID MEASUREMENT; VALUE: 009D(00235)
UF0 ALTITUDE STATUS: VALID MEASUREMENT; VALUE: 125
UF0 MODE C ALTITUDE COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF0 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF0 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF4 TEST STATUS: PASS
UF4 DF STATUS: VALID MEASUREMENT; VALUE: 4
UF4 FS STATUS: VALID MEASUREMENT; VALUE: 0
UF4 DR STATUS: VALID MEASUREMENT; VALUE: 4
UF4 UM STATUS: VALID MEASUREMENT; VALUE: 0
UF4 AC STATUS: VALID MEASUREMENT; VALUE: 009D(00235)
UF4 ALTITUDE STATUS: VALID MEASUREMENT; VALUE: 125
UF4 MODE C ALTITUDE COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF4 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF4 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF5 TEST STATUS: PASS
UF5 DF STATUS: VALID MEASUREMENT; VALUE: 5
UF5 FS STATUS: VALID MEASUREMENT; VALUE: 0
UF5 DR STATUS: VALID MEASUREMENT; VALUE: 4
UF5 UM STATUS: VALID MEASUREMENT; VALUE: 0
UF5 ID STATUS: VALID MEASUREMENT; VALUE: 0808(04010)
UF5 ID OCTAL STATUS: VALID MEASUREMENT; VALUE: 1200
UF5 MODE A ID COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF5 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF5 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF11 TEST STATUS: PASS
UF11 DF STATUS: VALID MEASUREMENT; VALUE: 11
UF11 CA STATUS: VALID MEASUREMENT; VALUE: 5
UF11 PI STATUS: VALID MEASUREMENT; VALUE: 00004F
UF11 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF11 II LOCKOUT GEN STATUS: NOT RUN; MEAS STATUS: NO DISPLAY; VALUE: 0
UF11 II STATUS: VALID MEASUREMENT; VALUE:
UF11 SI LOCKOUT GEN STATUS: NOT RUN; MEAS STATUS: NO DISPLAY; VALUE: 0
UF11 SI STATUS: VALID MEASUREMENT; VALUE:

UF16 TEST STATUS: PASS
UF16 DF STATUS: VALID MEASUREMENT; VALUE: 16
UF16 VS STATUS: VALID MEASUREMENT; VALUE: 0
UF16 SL STATUS: VALID MEASUREMENT; VALUE: 2
UF16 RI STATUS: VALID MEASUREMENT; VALUE: 2
UF16 MV STATUS: VALID MEASUREMENT; VALUE: 30000000000000
UF16 AC STATUS: VALID MEASUREMENT; VALUE: 009D(00235)
UF16 ALTITUDE STATUS: VALID MEASUREMENT; VALUE: 125
UF16 MODE C ALTITUDE COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF16 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF16 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF20 TEST STATUS: PASS
UF20 DF STATUS: VALID MEASUREMENT; VALUE: 20
UF20 FS STATUS: VALID MEASUREMENT; VALUE: 0
UF20 DR STATUS: VALID MEASUREMENT; VALUE: 0
UF20 UM STATUS: VALID MEASUREMENT; VALUE: 0
UF20 MB STATUS: VALID MEASUREMENT; VALUE: 10030A80F20000

UF20 AC STATUS: VALID MEASUREMENT; VALUE: 009D(00235)
UF20 ALTITUDE STATUS: VALID MEASUREMENT; VALUE: 125
UF20 MODE C ALTITUDE COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF20 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF20 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF21 TEST STATUS: PASS
UF21 DF STATUS: VALID MEASUREMENT; VALUE: 21
UF21 FS STATUS: VALID MEASUREMENT; VALUE: 0
UF21 DR STATUS: VALID MEASUREMENT; VALUE: 0
UF21 UM STATUS: VALID MEASUREMENT; VALUE: 0
UF21 MB STATUS: VALID MEASUREMENT; VALUE: 10030A80F20000
UF21 ID STATUS: VALID MEASUREMENT; VALUE: 0808(04010)
UF21 ID OCTAL STATUS: VALID MEASUREMENT; VALUE: 1200
UF21 MODE A ID COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF21 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF21 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF24 TEST STATUS: NO REPLY
UF24 RESERVATION UF4 DF STATUS: VALID MEASUREMENT; VALUE: 20
UF24 RESERVATION UF4 IIS STATUS: VALID MEASUREMENT; VALUE: 0
UF24 RESERVATION UF4 IDS STATUS: VALID MEASUREMENT; VALUE: 0
UF24 RESERVATION UF4 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB
UF24 SEGMENTS UF24 DF STATUS: NO DISPLAY; VALUE: 0
UF24 SEGMENTS UF24 KE STATUS: NO DISPLAY; VALUE: 0
UF24 SEGMENTS UF24 ND STATUS: NO DISPLAY; VALUE: 0
UF24 SEGMENTS UF24 TAS STATUS: NO DISPLAY; VALUE: 0
UF24 SEGMENTS UF24 AA STATUS: NO DISPLAY; VALUE: 000000
UF24 CLOSEOUT UF4 DF STATUS: VALID MEASUREMENT; VALUE: 20
UF24 CLOSEOUT UF4 IIS STATUS: VALID MEASUREMENT; VALUE: 0
UF24 CLOSEOUT UF4 IDS STATUS: VALID MEASUREMENT; VALUE: 0
UF24 CLOSEOUT UF4 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB

BDS 1,0 TEST STATUS: PASS
BDS 1,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,0 BDS STATUS: VALID MEASUREMENT; VALUE: 1,0
BDS 1,0 SUBNETWORK VER STATUS: VALID MEASUREMENT; VALUE: 5
BDS 1,0 ENH PROT IND STATUS: VALID MEASUREMENT; VALUE: LVL 2-4
BDS 1,0 SPEC SERV CAP STATUS: VALID MEASUREMENT; VALUE: YES
BDS 1,0 UELM CAPABILITY STATUS: VALID MEASUREMENT; VALUE: NO UELM
BDS 1,0 DELM CAPABILITY STATUS: VALID MEASUREMENT; VALUE: NO DELM
BDS 1,0 AIRCRAFT ID CAP STATUS: VALID MEASUREMENT; VALUE: YES
BDS 1,0 SURV IDENT CAP STATUS: VALID MEASUREMENT; VALUE: YES
BDS 1,0 DTE STATUS: VALID MEASUREMENT; VALUE: NO
BDS 1,0 CONT FLAG STATUS: VALID MEASUREMENT; VALUE: NO
BDS 1,0 SQUITTER CAP STATUS: VALID MEASUREMENT; VALUE: YES

3DS 2,0 TEST STATUS: PASS
3DS 2,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
3DS 2,0 BDS STATUS: VALID MEASUREMENT; VALUE: 2,0
3DS 2,0 FLIGHT ID STATUS: VALID MEASUREMENT; VALUE: POLIS12A

3DS 3,0 TEST STATUS: PASS
3DS 3,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
3DS 3,0 BDS STATUS: VALID MEASUREMENT; VALUE: 3,0
3DS 3,0 ARA STATUS: VALID MEASUREMENT; VALUE: 00000000000000
3DS 3,0 RAC STATUS: VALID MEASUREMENT; VALUE: 0000
3DS 3,0 RAT STATUS: VALID MEASUREMENT; VALUE: 0

3DS 1,7 TEST STATUS: PASS
3DS 1,7 DF STATUS: VALID MEASUREMENT; VALUE: 20
3DS 1,7 BDS STATUS: ENABLE
3DS 1,7 0,5 STATUS: ENABLE
3DS 1,7 0,6 STATUS: ENABLE
3DS 1,7 0,7 STATUS: ENABLE
3DS 1,7 0,8 STATUS: ENABLE
3DS 1,7 0,9 STATUS: ENABLE
3DS 1,7 0,A STATUS: ENABLE
3DS 1,7 2,0 STATUS: ENABLE
3DS 1,7 2,1 STATUS: DISABLE
3DS 1,7 4,0 STATUS: ENABLE
3DS 1,7 4,1 STATUS: DISABLE

BDS 1,7 4,2 STATUS: DISABLE
BDS 1,7 4,3 STATUS: DISABLE
BDS 1,7 4,4 STATUS: DISABLE
BDS 1,7 4,5 STATUS: DISABLE
BDS 1,7 4,8 STATUS: DISABLE
BDS 1,7 5,0 STATUS: ENABLE
BDS 1,7 5,1 STATUS: DISABLE
BDS 1,7 5,2 STATUS: DISABLE
BDS 1,7 5,3 STATUS: ENABLE
BDS 1,7 5,4 STATUS: DISABLE
BDS 1,7 5,5 STATUS: DISABLE
BDS 1,7 5,6 STATUS: DISABLE
BDS 1,7 5,F STATUS: ENABLE
BDS 1,7 6,0 STATUS: ENABLE

BDS 1,8 TEST STATUS: PASS
BDS 1,8 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,8 BDS STATUS: ENABLE
BDS 1,8 VALUE: 00800089C083F0

BDS 1,9 TEST STATUS: PASS
BDS 1,9 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,9 BDS STATUS: ENABLE
BDS 1,9 VALUE: 0013C004800080

BDS 1,A TEST STATUS: PASS
BDS 1,A DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,A BDS STATUS: ENABLE
BDS 1,A VALUE: 000000000000000

BDS 1,B TEST STATUS: PASS
BDS 1,B DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,B BDS STATUS: ENABLE
BDS 1,B VALUE: 000000000000000

BDS 1,C TEST STATUS: PASS
BDS 1,C DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,C BDS STATUS: ENABLE
BDS 1,C VALUE: 00000000000004C

BDS 4,0 TEST STATUS: PASS
BDS 4,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 4,0 MCU/FCU SEL ALT STATUS: VALID MEASUREMENT; VALUE: 4000
BDS 4,0 BARO PRES SET STATUS: VALID MEASUREMENT; VALUE: 1013.0

BDS 5,0 TEST STATUS: PASS
BDS 5,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 5,0 ROLL ANGLE STATUS: VALID MEASUREMENT; VALUE: 0.3
BDS 5,0 TRUE TRACK ANGLE STATUS: VALID MEASUREMENT; VALUE: -116.0
BDS 5,0 GROUND SPEED STATUS: VALID MEASUREMENT; VALUE: 0
BDS 5,0 TRACK ANGLE RATE STATUS: VALID MEASUREMENT; VALUE: 0.00
BDS 5,0 TRUE AIR SPEED STATUS: VALID MEASUREMENT; VALUE: 40

BDS 6,0 TEST STATUS: PASS
BDS 6,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 6,0 MAGNETIC HEADING STATUS: VALID MEASUREMENT; VALUE: -115.1
BDS 6,0 IND AIR SPEED STATUS: VALID MEASUREMENT; VALUE: 35
BDS 6,0 MACH NO STATUS: VALID MEASUREMENT; VALUE: 0.060
BDS 6,0 INERT VERT VEL STATUS: VALID MEASUREMENT; VALUE: 0
BDS 6,0 BARO ALT RATE STATUS: VALID MEASUREMENT; VALUE: 0

ALTITUDE ENCODER TEST STATUS: NOT RUN
ALTITUDE ENCODER STATUS: VALID MEASUREMENT; VALUE: 0
ALTITUDE ENCODER BITS STATUS: VALID MEASUREMENT; VALUE: 0
ALTITUDE ENCODER ID STATUS: NO DISPLAY; VALUE: 0000
ALTITUDE ENCODER IDENT STATUS: NO DISPLAY; VALUE: 0

STORE NAME: 9M-PTA ATC 1 BOTTOM SURFAC; DATE: 10/30/23; TIME: 22:30:49

MTL TEST STATUS: PASS

MTL MODE A STATUS: NO DISPLAY; VALUE: 0.0
MTL MODE C STATUS: NO DISPLAY; VALUE: 0.0
MTL MODE S STATUS: VALID MEASUREMENT; VALUE: -45.5
MTL ADDRESS: 7500DB(35200333)

MODE CAP TEST STATUS: FAIL

MODE CAP MODE A STATUS: VALID MEASUREMENT; VALUE: NO REPLY
MODE CAP MODE C STATUS: VALID MEASUREMENT; VALUE: NO REPLY
MODE CAP MODE S STATUS: VALID MEASUREMENT; VALUE: REPLY
MODE CAP LEVEL STATUS: VALID MEASUREMENT; VALUE: 2
MODE CAP MODE A CODE STATUS: NO DISPLAY; VALUE: 0000
MODE CAP IDENT STATUS: NO DISPLAY; VALUE: DISABLE
MODE CAP MODE C ALTITUDE STATUS: NO DISPLAY; VALUE: 0
MODE CAP ADDRESS STATUS: VALID MEASUREMENT; VALUE: 7500DB
MODE CAP TAIL STATUS: VALID MEASUREMENT; VALUE: 9M-?
MODE CAP COUNTRY STATUS: VALID MEASUREMENT; VALUE: Malaysia

DECODER TEST STATUS: PASS

DECODER INNER LOW A STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER INNER LOW C STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER INNER HIGH A STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER INNER HIGH C STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER OUTER LOW A STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER OUTER LOW C STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER OUTER HIGH A STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER OUTER HIGH C STATUS: VALID MEASUREMENT; VALUE: PASS

SLS TEST STATUS: PASS

SLS 0 dB A STATUS: VALID MEASUREMENT; VALUE: PASS
SLS 0 dB C STATUS: VALID MEASUREMENT; VALUE: PASS
SLS -9 dB A STATUS: VALID MEASUREMENT; VALUE: PASS
SLS -9 dB C STATUS: VALID MEASUREMENT; VALUE: PASS

REPLY TEST STATUS: PASS

REPLY A CODE STATUS: VALID MEASUREMENT; VALUE: 1200
REPLY IDENT STATUS: VALID MEASUREMENT; VALUE: DISABLE
REPLY C ALTITUDE STATUS: VALID MEASUREMENT; VALUE: 100
REPLY C ALTITUDE BITS STATUS: VALID MEASUREMENT; VALUE: 408

SPACE WIDTH TEST STATUS: PASS

SPACE WIDTH F1 A STATUS: VALID MEASUREMENT; VALUE: 0.419
SPACE WIDTH F1 C STATUS: VALID MEASUREMENT; VALUE: 0.420
SPACE WIDTH F2 A STATUS: VALID MEASUREMENT; VALUE: 0.449
SPACE WIDTH F2 C STATUS: VALID MEASUREMENT; VALUE: 0.449
SPACE WIDTH F1-F2 A STATUS: VALID MEASUREMENT; VALUE: 20.270
SPACE WIDTH F1-F2 C STATUS: VALID MEASUREMENT; VALUE: 20.270

REPLY DELAY TEST STATUS: PASS

REPLY DELAY A STATUS: VALID MEASUREMENT; VALUE: 3.40
REPLY DELAY C STATUS: VALID MEASUREMENT; VALUE: 3.41

REPLY JITTER TEST STATUS: PASS

REPLY JITTER A STATUS: VALID MEASUREMENT; VALUE: 0.047
REPLY JITTER C STATUS: VALID MEASUREMENT; VALUE: 0.044

REPLY RATIO TEST STATUS: PASS

REPLY RATIO A STATUS: VALID MEASUREMENT; VALUE: 98
REPLY RATIO C STATUS: VALID MEASUREMENT; VALUE: 96
-81dBm REPLY RATIO A STATUS: VALID MEASUREMENT; VALUE: 0
-81dBm REPLY RATIO C STATUS: VALID MEASUREMENT; VALUE: 0

ATC ALL CALL TEST STATUS: PASS

ATC ALL CALL A STATUS: VALID MEASUREMENT; VALUE: PASS
ATC ALL CALL C STATUS: VALID MEASUREMENT; VALUE: PASS

ULSE AMP VAR TEST STATUS: PASS

ULSE AMP VAR A STATUS: VALID MEASUREMENT; VALUE: 0.0
ULSE AMP VAR C STATUS: VALID MEASUREMENT; VALUE: 0.1

MODE A PULSE DUR TEST STATUS: PASS
MODE A PULSE DUR F1 STATUS: VALID MEASUREMENT; VALUE: 0.419
MODE A PULSE DUR F2 STATUS: VALID MEASUREMENT; VALUE: 0.449
MODE A PULSE DUR A1 STATUS: VALID MEASUREMENT; VALUE: 0.449
MODE A PULSE DUR A2 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR A4 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR B1 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR B2 STATUS: VALID MEASUREMENT; VALUE: 0.449
MODE A PULSE DUR B4 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR C1 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR C2 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR C4 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR D1 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR D2 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR D4 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR X STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR SPI STATUS: NO DISPLAY; VALUE: 0.000

MAX PULSE AMP VAR A TEST STATUS: PASS
MAX PULSE AMP VAR A STATUS: VALID MEASUREMENT; VALUE: 0.0

MODE C PULSE DUR TEST STATUS: PASS
MODE C PULSE DUR F1 STATUS: VALID MEASUREMENT; VALUE: 0.420
MODE C PULSE DUR F2 STATUS: VALID MEASUREMENT; VALUE: 0.449
MODE C PULSE DUR A1 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR A2 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR A4 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR B1 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR B2 STATUS: VALID MEASUREMENT; VALUE: 0.449
MODE C PULSE DUR B4 STATUS: VALID MEASUREMENT; VALUE: 0.449
MODE C PULSE DUR C1 STATUS: VALID MEASUREMENT; VALUE: 0.451
MODE C PULSE DUR C2 STATUS: VALID MEASUREMENT; VALUE: 0.449
MODE C PULSE DUR C4 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR D2 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR D4 STATUS: NO DISPLAY; VALUE: 0.000

MAX PULSE AMP VAR C TEST STATUS: PASS
MAX PULSE AMP VAR C STATUS: VALID MEASUREMENT; VALUE: 0.1

FREQUENCY A TEST STATUS: PASS
FREQUENCY C TEST STATUS: PASS
FREQUENCY S TEST STATUS: PASS
FREQUENCY ALL CALL TEST STATUS: PASS
FREQUENCY A STATUS: VALID MEASUREMENT; VALUE: 1090.00
FREQUENCY C STATUS: VALID MEASUREMENT; VALUE: 1090.01
FREQUENCY S STATUS: VALID MEASUREMENT; VALUE: 1090.01
FREQUENCY ALL CALL STATUS: VALID MEASUREMENT; VALUE: 1090.00

POWER A TEST STATUS: PASS
POWER A TOP ERP STATUS: NO DISPLAY; VALUE: 0.0 dBm 0.0 dBw 0 W
POWER A BOTTOM ERP STATUS: VALID MEASUREMENT; VALUE: 50.3 dBm 20.3 dBw 107 W
POWER A INSTANT ERP STATUS: VALID MEASUREMENT; VALUE: 50.3 dBm 20.3 dBw 107 W
MTL A TEST STATUS: PASS
POWER A TOP MTL STATUS: NO DISPLAY; VALUE: -70.0
POWER A BOTTOM MTL STATUS: VALID MEASUREMENT; VALUE: -71.8
POWER A INSTANT MTL STATUS: VALID MEASUREMENT; VALUE: -71.8
POWER A TOP A-C MTL STATUS: NO DISPLAY; VALUE: 0.0
POWER A BOTTOM A-C MTL STATUS: VALID MEASUREMENT; VALUE: 0.0
POWER A INSTANT A-C MTL STATUS: VALID MEASUREMENT; VALUE: 0.0

POWER C TEST STATUS: PASS
POWER C TOP ERP STATUS: NO DISPLAY; VALUE: 0.0 dBm 0.0 dBw 0 W
POWER C BOTTOM ERP STATUS: VALID MEASUREMENT; VALUE: 50.2 dBm 20.2 dBw 105 W
POWER C INSTANT ERP STATUS: VALID MEASUREMENT; VALUE: 50.2 dBm 20.2 dBw 105 W
MTL C TEST STATUS: PASS
POWER C TOP MTL STATUS: NO DISPLAY; VALUE: -70.0
POWER C BOTTOM MTL STATUS: VALID MEASUREMENT; VALUE: -71.8
POWER C INSTANT MTL STATUS: VALID MEASUREMENT; VALUE: -71.8

POWER S TEST STATUS: PASS
POWER S TOP ERP STATUS: NO DISPLAY; VALUE: 0.0 dBm 0.0 dBw 0 W
POWER S BOTTOM ERP STATUS: VALID MEASUREMENT; VALUE: 50.4 dBm 20.4 dBw 110 W

POWER S INSTANT ERP STATUS: VALID MEASUREMENT; VALUE: 50.4 dBm 20.4 dBw 110 W
MTL S TEST STATUS: PASS
POWER S TOP MTL STATUS: NO DISPLAY; VALUE: -70.0
POWER S BOTTOM MTL STATUS: VALID MEASUREMENT; VALUE: -72.1
POWER S INSTANT MTL STATUS: VALID MEASUREMENT; VALUE: -72.1

POWER ALL CALL TEST STATUS: PASS
POWER ALL CALL TOP ERP STATUS: NO DISPLAY; VALUE: 0.0 dBm 0.0 dBw 0 W
POWER ALL CALL BOTTOM ERP STATUS: VALID MEASUREMENT; VALUE: 50.4 dBm 20.4 dBw
110 W
POWER ALL CALL INSTANT ERP STATUS: VALID MEASUREMENT; VALUE: 50.4 dBm 20.4 dBw
110 W
MTL ALL CALL TEST STATUS: PASS
POWER ALL CALL TOP MTL STATUS: NO DISPLAY; VALUE: -70.0
POWER ALL CALL BOTTOM MTL STATUS: VALID MEASUREMENT; VALUE: -71.9
POWER ALL CALL INSTANT MTL STATUS: VALID MEASUREMENT; VALUE: -71.9

ITM REPLY DELAY TEST STATUS: PASS
ITM REPLY DELAY A STATUS: VALID MEASUREMENT; VALUE: 127.90
ITM REPLY DELAY C STATUS: VALID MEASUREMENT; VALUE: 127.91

ITM REPLY JITTER TEST STATUS: PASS
ITM REPLY JITTER A STATUS: VALID MEASUREMENT; VALUE: 0.045
ITM REPLY JITTER C STATUS: VALID MEASUREMENT; VALUE: 0.044

ITM REPLY RATIO TEST STATUS: PASS
ITM REPLY RATIO A STATUS: VALID MEASUREMENT; VALUE: 99
ITM REPLY RATIO C STATUS: VALID MEASUREMENT; VALUE: 99
ITM -81dBm A STATUS: VALID MEASUREMENT; VALUE: 0
ITM -81dBm C STATUS: VALID MEASUREMENT; VALUE: 0

ITM ADDRESS TEST STATUS: PASS
ITM ADDRESS A STATUS: VALID MEASUREMENT; VALUE: 7500DB
ITM ADDRESS C STATUS: VALID MEASUREMENT; VALUE: 7500DB

MODE S ALL CALL TEST STATUS: PASS
MODE S ALL CALL STATUS: VALID MEASUREMENT; VALUE: PASS
MODE S ALL CALL ADDRESS STATUS: VALID MEASUREMENT; VALUE: 7500DB
MODE S ALL CALL TAIL STATUS: VALID MEASUREMENT; VALUE: 9M-?
MODE S ALL CALL COUNTRY STATUS: VALID MEASUREMENT; VALUE: Malaysia

MODE S REPLY DELAY TEST STATUS: PASS
MODE S REPLY DELAY STATUS: VALID MEASUREMENT; VALUE: 128.08

MODE S REPLY JITTER TEST STATUS: PASS
MODE S REPLY JITTER STATUS: VALID MEASUREMENT; VALUE: 0.041

MODE S PULSE WIDTH TEST STATUS: PASS
MODE S PULSE WIDTH STATUS: VALID MEASUREMENT; VALUE: PASS
MODE S PULSE WIDTH 1 STATUS: VALID MEASUREMENT; VALUE: 0.500
MODE S PULSE WIDTH 2 STATUS: VALID MEASUREMENT; VALUE: 0.504
MODE S PULSE WIDTH 3 STATUS: VALID MEASUREMENT; VALUE: 0.500
MODE S PULSE WIDTH 4 STATUS: VALID MEASUREMENT; VALUE: 0.504

MODE S PULSE SPACING TEST STATUS: PASS
MODE S PULSE SPACING STATUS: VALID MEASUREMENT; VALUE: PASS
MODE S PULSE SPACING 1 STATUS: VALID MEASUREMENT; VALUE: 0.995
MODE S PULSE SPACING 2 STATUS: VALID MEASUREMENT; VALUE: 3.500
MODE S PULSE SPACING 3 STATUS: VALID MEASUREMENT; VALUE: 4.495

MODE S PULSE AMP VAR TEST STATUS: PASS
MODE S PULSE AMP VAR SHORT STATUS: VALID MEASUREMENT; VALUE: 0.3
MODE S PULSE AMP VAR LONG STATUS: VALID MEASUREMENT; VALUE: 0.3

MODE S SLS TEST STATUS: PASS
MODE S SLS ON STATUS: VALID MEASUREMENT; VALUE: NO REPLY
MODE S SLS OFF STATUS: VALID MEASUREMENT; VALUE: REPLY

MODE S SQUITTER TEST STATUS: PASS
MODE S SQUITTER DF 11 PERIOD STATUS: VALID MEASUREMENT; VALUE: 1.95
MODE S SQUITTER DF 17 DETECTED STATUS: VALID MEASUREMENT; VALUE: YES

MODE S REPLY RATIO TEST STATUS: PASS
MODE S REPLY RATIO STATUS: VALID MEASUREMENT; VALUE: 99
MODE S -81dBm REPLY RATIO STATUS: VALID MEASUREMENT; VALUE: 0

MODE S INVALID ADDRESS TEST STATUS: PASS
MODE S INVALID ADDRESS STATUS: VALID MEASUREMENT; VALUE: PASS

MODE S DIVERSITY ISOLATION TEST STATUS: NOT RUN
MODE S DIVERSITY ISOLATION STATUS: VALID MEASUREMENT; VALUE: 0.0

UFO TEST STATUS: PASS
UFO DF STATUS: VALID MEASUREMENT; VALUE: 0
UFO VS STATUS: VALID MEASUREMENT; VALUE: 0
UFO CC STATUS: VALID MEASUREMENT; VALUE: 1
UFO SL STATUS: VALID MEASUREMENT; VALUE: 2
UFO RI STATUS: VALID MEASUREMENT; VALUE: 11
UFO AC STATUS: VALID MEASUREMENT; VALUE: 009D(00235)
UFO ALTITUDE STATUS: VALID MEASUREMENT; VALUE: 125
UFO MODE C ALTITUDE COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UFO AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UFO DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF4 TEST STATUS: PASS
UF4 DF STATUS: VALID MEASUREMENT; VALUE: 4
UF4 FS STATUS: VALID MEASUREMENT; VALUE: 0
UF4 DR STATUS: VALID MEASUREMENT; VALUE: 4
UF4 UM STATUS: VALID MEASUREMENT; VALUE: 0
UF4 AC STATUS: VALID MEASUREMENT; VALUE: 009D(00235)
UF4 ALTITUDE STATUS: VALID MEASUREMENT; VALUE: 125
UF4 MODE C ALTITUDE COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF4 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF4 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF5 TEST STATUS: PASS
UF5 DF STATUS: VALID MEASUREMENT; VALUE: 5
UF5 FS STATUS: VALID MEASUREMENT; VALUE: 0
UF5 DR STATUS: VALID MEASUREMENT; VALUE: 4
UF5 UM STATUS: VALID MEASUREMENT; VALUE: 0
UF5 ID STATUS: VALID MEASUREMENT; VALUE: 0808(04010)
UF5 ID OCTAL STATUS: VALID MEASUREMENT; VALUE: 1200
UF5 MODE A ID COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF5 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF5 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF11 TEST STATUS: PASS
UF11 DF STATUS: VALID MEASUREMENT; VALUE: 11
UF11 CA STATUS: VALID MEASUREMENT; VALUE: 5
UF11 PI STATUS: VALID MEASUREMENT; VALUE: 00004F
UF11 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF11 II LOCKOUT GEN STATUS: NOT RUN; MEAS STATUS: NO DISPLAY; VALUE: 0
UF11 II STATUS: VALID MEASUREMENT; VALUE:
UF11 SI LOCKOUT GEN STATUS: NOT RUN; MEAS STATUS: NO DISPLAY; VALUE: 0
UF11 SI STATUS: VALID MEASUREMENT; VALUE:

UF16 TEST STATUS: PASS
UF16 DF STATUS: VALID MEASUREMENT; VALUE: 16
UF16 VS STATUS: VALID MEASUREMENT; VALUE: 0
UF16 SL STATUS: VALID MEASUREMENT; VALUE: 2
UF16 RI STATUS: VALID MEASUREMENT; VALUE: 2
UF16 MV STATUS: VALID MEASUREMENT; VALUE: 30000000000000
UF16 AC STATUS: VALID MEASUREMENT; VALUE: 009D(00235)
UF16 ALTITUDE STATUS: VALID MEASUREMENT; VALUE: 125
UF16 MODE C ALTITUDE COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF16 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF16 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF20 TEST STATUS: PASS
UF20 DF STATUS: VALID MEASUREMENT; VALUE: 20
UF20 FS STATUS: VALID MEASUREMENT; VALUE: 0
UF20 DR STATUS: VALID MEASUREMENT; VALUE: 0
UF20 UM STATUS: VALID MEASUREMENT; VALUE: 0
UF20 MB STATUS: VALID MEASUREMENT; VALUE: 10030A80F20000

UF20 AC STATUS: VALID MEASUREMENT; VALUE: 009D(00235)
UF20 ALTITUDE STATUS: VALID MEASUREMENT; VALUE: 125
UF20 MODE C ALTITUDE COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF20 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF20 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF21 TEST STATUS: PASS
UF21 DF STATUS: VALID MEASUREMENT; VALUE: 21
UF21 FS STATUS: VALID MEASUREMENT; VALUE: 0
UF21 DR STATUS: VALID MEASUREMENT; VALUE: 0
UF21 UM STATUS: VALID MEASUREMENT; VALUE: 0
UF21 MB STATUS: VALID MEASUREMENT; VALUE: 10030A80F20000
UF21 ID STATUS: VALID MEASUREMENT; VALUE: 0808(04010)
UF21 ID OCTAL STATUS: VALID MEASUREMENT; VALUE: 1200
UF21 MODE A ID COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF21 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF21 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF24 TEST STATUS: NO REPLY
UF24 RESERVATION UF4 DF STATUS: VALID MEASUREMENT; VALUE: 20
UF24 RESERVATION UF4 IIS STATUS: VALID MEASUREMENT; VALUE: 0
UF24 RESERVATION UF4 IDS STATUS: VALID MEASUREMENT; VALUE: 0
UF24 RESERVATION UF4 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB
UF24 SEGMENTS UF24 DF STATUS: NO DISPLAY; VALUE: 0
UF24 SEGMENTS UF24 KE STATUS: NO DISPLAY; VALUE: 0
UF24 SEGMENTS UF24 ND STATUS: NO DISPLAY; VALUE: 0
UF24 SEGMENTS UF24 TAS STATUS: NO DISPLAY; VALUE: 0
UF24 SEGMENTS UF24 AA STATUS: NO DISPLAY; VALUE: 000000
UF24 CLOSEOUT UF4 DF STATUS: VALID MEASUREMENT; VALUE: 20
UF24 CLOSEOUT UF4 IIS STATUS: VALID MEASUREMENT; VALUE: 0
UF24 CLOSEOUT UF4 IDS STATUS: VALID MEASUREMENT; VALUE: 0
UF24 CLOSEOUT UF4 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB

3DS 1,0 TEST STATUS: PASS
3DS 1,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
3DS 1,0 BDS STATUS: VALID MEASUREMENT; VALUE: 1,0
3DS 1,0 SUBNETWORK VER STATUS: VALID MEASUREMENT; VALUE: 5
3DS 1,0 ENH PROT IND STATUS: VALID MEASUREMENT; VALUE: LVL 2-4
3DS 1,0 SPEC SERV CAP STATUS: VALID MEASUREMENT; VALUE: YES
3DS 1,0 UELM CAPABILITY STATUS: VALID MEASUREMENT; VALUE: NO UELM
3DS 1,0 DELM CAPABILITY STATUS: VALID MEASUREMENT; VALUE: NO DELM
3DS 1,0 AIRCRAFT ID CAP STATUS: VALID MEASUREMENT; VALUE: YES
3DS 1,0 SURV IDENT CAP STATUS: VALID MEASUREMENT; VALUE: YES
3DS 1,0 DTE STATUS: VALID MEASUREMENT; VALUE: NO
3DS 1,0 CONT FLAG STATUS: VALID MEASUREMENT; VALUE: NO
3DS 1,0 SQUITTER CAP STATUS: VALID MEASUREMENT; VALUE: YES

3DS 2,0 TEST STATUS: PASS
3DS 2,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
3DS 2,0 BDS STATUS: VALID MEASUREMENT; VALUE: 2,0
3DS 2,0 FLIGHT ID STATUS: VALID MEASUREMENT; VALUE: POLIS12A

3DS 3,0 TEST STATUS: PASS
3DS 3,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
3DS 3,0 BDS STATUS: VALID MEASUREMENT; VALUE: 3,0
3DS 3,0 ARA STATUS: VALID MEASUREMENT; VALUE: 00000000000000
3DS 3,0 RAC STATUS: VALID MEASUREMENT; VALUE: 0000
3DS 3,0 RAT STATUS: VALID MEASUREMENT; VALUE: 0

DS 1,7 TEST STATUS: PASS
DS 1,7 DF STATUS: VALID MEASUREMENT; VALUE: 20
DS 1,7 BDS STATUS: ENABLE
DS 1,7 0,5 STATUS: ENABLE
DS 1,7 0,6 STATUS: ENABLE
DS 1,7 0,7 STATUS: ENABLE
DS 1,7 0,8 STATUS: ENABLE
DS 1,7 0,9 STATUS: ENABLE
DS 1,7 0,A STATUS: ENABLE
DS 1,7 2,0 STATUS: ENABLE
DS 1,7 2,1 STATUS: DISABLE
DS 1,7 4,0 STATUS: ENABLE
DS 1,7 4,1 STATUS: DISABLE

BDS 1,7 4,2 STATUS: DISABLE
BDS 1,7 4,3 STATUS: DISABLE
BDS 1,7 4,4 STATUS: DISABLE
BDS 1,7 4,5 STATUS: DISABLE
BDS 1,7 4,8 STATUS: DISABLE
BDS 1,7 5,0 STATUS: ENABLE
BDS 1,7 5,1 STATUS: DISABLE
BDS 1,7 5,2 STATUS: DISABLE
BDS 1,7 5,3 STATUS: ENABLE
BDS 1,7 5,4 STATUS: DISABLE
BDS 1,7 5,5 STATUS: DISABLE
BDS 1,7 5,6 STATUS: DISABLE
BDS 1,7 5,F STATUS: ENABLE
BDS 1,7 6,0 STATUS: ENABLE

BDS 1,8 TEST STATUS: PASS
BDS 1,8 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,8 BDS STATUS: ENABLE
BDS 1,8 VALUE: 00800089C083F0

BDS 1,9 TEST STATUS: PASS
BDS 1,9 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,9 BDS STATUS: ENABLE
BDS 1,9 VALUE: 0013C004800080

BDS 1,A TEST STATUS: PASS
BDS 1,A DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,A BDS STATUS: ENABLE
BDS 1,A VALUE: 00000000000000

BDS 1,B TEST STATUS: PASS
BDS 1,B DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,B BDS STATUS: ENABLE
BDS 1,B VALUE: 00000000000000

BDS 1,C TEST STATUS: PASS
BDS 1,C DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,C BDS STATUS: ENABLE
BDS 1,C VALUE: 00000000000004C

BDS 4,0 TEST STATUS: PASS
BDS 4,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 4,0 MCU/FCU SEL ALT STATUS: VALID MEASUREMENT; VALUE: 4000
BDS 4,0 BARO PRES SET STATUS: VALID MEASUREMENT; VALUE: 1013.0

BDS 5,0 TEST STATUS: PASS
BDS 5,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 5,0 ROLL ANGLE STATUS: VALID MEASUREMENT; VALUE: 0.3
BDS 5,0 TRUE TRACK ANGLE STATUS: VALID MEASUREMENT; VALUE: -116.0
BDS 5,0 GROUND SPEED STATUS: VALID MEASUREMENT; VALUE: 0
BDS 5,0 TRACK ANGLE RATE STATUS: VALID MEASUREMENT; VALUE: 0.00
BDS 5,0 TRUE AIR SPEED STATUS: VALID MEASUREMENT; VALUE: 40

BDS 6,0 TEST STATUS: PASS
BDS 6,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 6,0 MAGNETIC HEADING STATUS: VALID MEASUREMENT; VALUE: -115.1
BDS 6,0 IND AIR SPEED STATUS: VALID MEASUREMENT; VALUE: 35
BDS 6,0 MACH NO STATUS: VALID MEASUREMENT; VALUE: 0.060
BDS 6,0 INERT VERT VEL STATUS: VALID MEASUREMENT; VALUE: 0
BDS 6,0 BARO ALT RATE STATUS: VALID MEASUREMENT; VALUE: 0

ALTITUDE ENCODER TEST STATUS: NOT RUN
ALTITUDE ENCODER STATUS: VALID MEASUREMENT; VALUE: 0
ALTITUDE ENCODER BITS STATUS: VALID MEASUREMENT; VALUE: 0
ALTITUDE ENCODER ID STATUS: NO DISPLAY; VALUE: 0000
ALTITUDE ENCODER IDENT STATUS: NO DISPLAY; VALUE: 0

STORE NAME: 9M-PTA ATC2 TOP; DATE: 10/30/23; TIME: 23:15:53

MTL TEST STATUS: PASS
MTL MODE A STATUS: NO DISPLAY; VALUE: 0.0
MTL MODE C STATUS: NO DISPLAY; VALUE: 0.0
MTL MODE S STATUS: VALID MEASUREMENT; VALUE: -52.0
MTL ADDRESS: 7500DB(35200333)

MODE CAP TEST STATUS: FAIL
MODE CAP MODE A STATUS: VALID MEASUREMENT; VALUE: NO REPLY
MODE CAP MODE C STATUS: VALID MEASUREMENT; VALUE: NO REPLY
MODE CAP MODE S STATUS: VALID MEASUREMENT; VALUE: REPLY
MODE CAP LEVEL STATUS: VALID MEASUREMENT; VALUE: 2
MODE CAP MODE A CODE STATUS: NO DISPLAY; VALUE: 0000
MODE CAP IDENT STATUS: NO DISPLAY; VALUE: DISABLE
MODE CAP MODE C ALTITUDE STATUS: NO DISPLAY; VALUE: 0
MODE CAP ADDRESS STATUS: VALID MEASUREMENT; VALUE: 7500DB
MODE CAP TAIL STATUS: VALID MEASUREMENT; VALUE: 9M-?
MODE CAP COUNTRY STATUS: VALID MEASUREMENT; VALUE: Malaysia

DECODER TEST STATUS: PASS
DECODER INNER LOW A STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER INNER LOW C STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER INNER HIGH A STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER INNER HIGH C STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER OUTER LOW A STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER OUTER LOW C STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER OUTER HIGH A STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER OUTER HIGH C STATUS: VALID MEASUREMENT; VALUE: PASS

SLS TEST STATUS: PASS
SLS 0 dB A STATUS: VALID MEASUREMENT; VALUE: PASS
SLS 0 dB C STATUS: VALID MEASUREMENT; VALUE: PASS
SLS -9 dB A STATUS: VALID MEASUREMENT; VALUE: PASS
SLS -9 dB C STATUS: VALID MEASUREMENT; VALUE: PASS

REPLY TEST STATUS: PASS
REPLY A CODE STATUS: VALID MEASUREMENT; VALUE: 1200
REPLY IDENT STATUS: VALID MEASUREMENT; VALUE: DISABLE
REPLY C ALTITUDE STATUS: VALID MEASUREMENT; VALUE: 100
REPLY C ALTITUDE BITS STATUS: VALID MEASUREMENT; VALUE: 408

SPACE WIDTH TEST STATUS: PASS
SPACE WIDTH F1 A STATUS: VALID MEASUREMENT; VALUE: 0.417
SPACE WIDTH F1 C STATUS: VALID MEASUREMENT; VALUE: 0.417
SPACE WIDTH F2 A STATUS: VALID MEASUREMENT; VALUE: 0.451
SPACE WIDTH F2 C STATUS: VALID MEASUREMENT; VALUE: 0.451
SPACE WIDTH F1-F2 A STATUS: VALID MEASUREMENT; VALUE: 20.265
SPACE WIDTH F1-F2 C STATUS: VALID MEASUREMENT; VALUE: 20.265

REPLY DELAY TEST STATUS: PASS
REPLY DELAY A STATUS: VALID MEASUREMENT; VALUE: 3.42
REPLY DELAY C STATUS: VALID MEASUREMENT; VALUE: 3.42

REPLY JITTER TEST STATUS: PASS
REPLY JITTER A STATUS: VALID MEASUREMENT; VALUE: 0.043
REPLY JITTER C STATUS: VALID MEASUREMENT; VALUE: 0.044

REPLY RATIO TEST STATUS: PASS
REPLY RATIO A STATUS: VALID MEASUREMENT; VALUE: 100
REPLY RATIO C STATUS: VALID MEASUREMENT; VALUE: 96
-81dBm REPLY RATIO A STATUS: VALID MEASUREMENT; VALUE: 99
-81dBm REPLY RATIO C STATUS: VALID MEASUREMENT; VALUE: 99

ATC ALL CALL TEST STATUS: PASS
ATC ALL CALL A STATUS: VALID MEASUREMENT; VALUE: PASS
ATC ALL CALL C STATUS: VALID MEASUREMENT; VALUE: PASS

ULSE AMP VAR TEST STATUS: PASS
ULSE AMP VAR A STATUS: VALID MEASUREMENT; VALUE: 0.0
ULSE AMP VAR C STATUS: VALID MEASUREMENT; VALUE: 0.0

MODE A PULSE DUR TEST STATUS: PASS
MODE A PULSE DUR F1 STATUS: VALID MEASUREMENT; VALUE: 0.417
MODE A PULSE DUR F2 STATUS: VALID MEASUREMENT; VALUE: 0.451
MODE A PULSE DUR A1 STATUS: VALID MEASUREMENT; VALUE: 0.451
MODE A PULSE DUR A2 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR A4 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR B1 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR B2 STATUS: VALID MEASUREMENT; VALUE: 0.451
MODE A PULSE DUR B4 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR C1 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR C2 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR C4 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR D1 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR D2 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR D4 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR X STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR SPI STATUS: NO DISPLAY; VALUE: 0.000

MAX PULSE AMP VAR A TEST STATUS: PASS
MAX PULSE AMP VAR A STATUS: VALID MEASUREMENT; VALUE: 0.0

MODE C PULSE DUR TEST STATUS: PASS
MODE C PULSE DUR F1 STATUS: VALID MEASUREMENT; VALUE: 0.417
MODE C PULSE DUR F2 STATUS: VALID MEASUREMENT; VALUE: 0.451
MODE C PULSE DUR A1 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR A2 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR A4 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR B1 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR B2 STATUS: VALID MEASUREMENT; VALUE: 0.451
MODE C PULSE DUR B4 STATUS: VALID MEASUREMENT; VALUE: 0.451
MODE C PULSE DUR C1 STATUS: VALID MEASUREMENT; VALUE: 0.453
MODE C PULSE DUR C2 STATUS: VALID MEASUREMENT; VALUE: 0.451
MODE C PULSE DUR C4 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR D2 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR D4 STATUS: NO DISPLAY; VALUE: 0.000

MAX PULSE AMP VAR C TEST STATUS: PASS
MAX PULSE AMP VAR C STATUS: VALID MEASUREMENT; VALUE: 0.0

FREQUENCY A TEST STATUS: PASS
FREQUENCY C TEST STATUS: PASS
FREQUENCY S TEST STATUS: PASS
FREQUENCY ALL CALL TEST STATUS: PASS
FREQUENCY A STATUS: VALID MEASUREMENT; VALUE: 1090.05
FREQUENCY C STATUS: VALID MEASUREMENT; VALUE: 1090.05
FREQUENCY S STATUS: VALID MEASUREMENT; VALUE: 1090.04
FREQUENCY ALL CALL STATUS: VALID MEASUREMENT; VALUE: 1090.04

POWER A TEST STATUS: PASS
POWER A TOP ERP STATUS: VALID MEASUREMENT; VALUE: 55.7 dBm 25.7 dBw 372 W
POWER A BOTTOM ERP STATUS: VALID MEASUREMENT; VALUE: 54.8 dBm 24.8 dBw 302 W
POWER A INSTANT ERP STATUS: VALID MEASUREMENT; VALUE: 52.9 dBm 22.9 dBw 195 W
MTL A TEST STATUS: PASS
POWER A TOP MTL STATUS: VALID MEASUREMENT; VALUE: -76.7
POWER A BOTTOM MTL STATUS: VALID MEASUREMENT; VALUE: -74.3
POWER A INSTANT MTL STATUS: VALID MEASUREMENT; VALUE: -73.9
POWER A TOP A-C MTL STATUS: VALID MEASUREMENT; VALUE: 0.7
POWER A BOTTOM A-C MTL STATUS: VALID MEASUREMENT; VALUE: 0.3
POWER A INSTANT A-C MTL STATUS: VALID MEASUREMENT; VALUE: 1.0

POWER C TEST STATUS: PASS
POWER C TOP ERP STATUS: VALID MEASUREMENT; VALUE: 56.3 dBm 26.3 dBw 427 W
POWER C BOTTOM ERP STATUS: VALID MEASUREMENT; VALUE: 54.6 dBm 24.6 dBw 288 W
POWER C INSTANT ERP STATUS: VALID MEASUREMENT; VALUE: 53.7 dBm 23.7 dBw 234 W
MTL C TEST STATUS: FAIL
POWER C TOP MTL STATUS: INVALID MEASUREMENT; VALUE: -77.4
POWER C BOTTOM MTL STATUS: VALID MEASUREMENT; VALUE: -74.6
POWER C INSTANT MTL STATUS: VALID MEASUREMENT; VALUE: -74.9

POWER S TEST STATUS: PASS
POWER S TOP ERP STATUS: VALID MEASUREMENT; VALUE: 55.7 dBm 25.7 dBw 372 W
POWER S BOTTOM ERP STATUS: VALID MEASUREMENT; VALUE: 54.8 dBm 24.8 dBw 302 W

POWER S INSTANT ERP STATUS: VALID MEASUREMENT; VALUE: 53.6 dBm 23.6 dBw 229 W
MTL S TEST STATUS: PASS
POWER S TOP MTL STATUS: VALID MEASUREMENT; VALUE: -76.0
POWER S BOTTOM MTL STATUS: VALID MEASUREMENT; VALUE: -75.0
POWER S INSTANT MTL STATUS: VALID MEASUREMENT; VALUE: -74.2

POWER ALL CALL TEST STATUS: PASS
POWER ALL CALL TOP ERP STATUS: VALID MEASUREMENT; VALUE: 55.0 dBm 25.0 dBw 316 W
POWER ALL CALL BOTTOM ERP STATUS: VALID MEASUREMENT; VALUE: 54.5 dBm 24.5 dBw 282 W
POWER ALL CALL INSTANT ERP STATUS: VALID MEASUREMENT; VALUE: 53.2 dBm 23.2 dBw 209 W
MTL ALL CALL TEST STATUS: PASS
POWER ALL CALL TOP MTL STATUS: VALID MEASUREMENT; VALUE: -75.6
POWER ALL CALL BOTTOM MTL STATUS: VALID MEASUREMENT; VALUE: -75.1
POWER ALL CALL INSTANT MTL STATUS: VALID MEASUREMENT; VALUE: -74.0

ITM REPLY DELAY TEST STATUS: PASS
ITM REPLY DELAY A STATUS: VALID MEASUREMENT; VALUE: 127.89
ITM REPLY DELAY C STATUS: VALID MEASUREMENT; VALUE: 127.89

ITM REPLY JITTER TEST STATUS: PASS
ITM REPLY JITTER A STATUS: VALID MEASUREMENT; VALUE: 0.045
ITM REPLY JITTER C STATUS: VALID MEASUREMENT; VALUE: 0.044

ITM REPLY RATIO TEST STATUS: PASS
ITM REPLY RATIO A STATUS: VALID MEASUREMENT; VALUE: 99
ITM REPLY RATIO C STATUS: VALID MEASUREMENT; VALUE: 98
ITM -81dBm A STATUS: VALID MEASUREMENT; VALUE: 99
ITM -81dBm C STATUS: VALID MEASUREMENT; VALUE: 98

ITM ADDRESS TEST STATUS: PASS
ITM ADDRESS A STATUS: VALID MEASUREMENT; VALUE: 7500DB
ITM ADDRESS C STATUS: VALID MEASUREMENT; VALUE: 7500DB

MODE S ALL CALL TEST STATUS: PASS
MODE S ALL CALL STATUS: VALID MEASUREMENT; VALUE: PASS
MODE S ALL CALL ADDRESS STATUS: VALID MEASUREMENT; VALUE: 7500DB
MODE S ALL CALL TAIL STATUS: VALID MEASUREMENT; VALUE: 9M-?
MODE S ALL CALL COUNTRY STATUS: VALID MEASUREMENT; VALUE: Malaysia

MODE S REPLY DELAY TEST STATUS: PASS
MODE S REPLY DELAY STATUS: VALID MEASUREMENT; VALUE: 128.07

MODE S REPLY JITTER TEST STATUS: PASS
MODE S REPLY JITTER STATUS: VALID MEASUREMENT; VALUE: 0.046

MODE S PULSE WIDTH TEST STATUS: PASS
MODE S PULSE WIDTH STATUS: VALID MEASUREMENT; VALUE: PASS
MODE S PULSE WIDTH 1 STATUS: VALID MEASUREMENT; VALUE: 0.500
MODE S PULSE WIDTH 2 STATUS: VALID MEASUREMENT; VALUE: 0.504
MODE S PULSE WIDTH 3 STATUS: VALID MEASUREMENT; VALUE: 0.500
MODE S PULSE WIDTH 4 STATUS: VALID MEASUREMENT; VALUE: 0.504

MODE S PULSE SPACING TEST STATUS: PASS
MODE S PULSE SPACING STATUS: VALID MEASUREMENT; VALUE: PASS
MODE S PULSE SPACING 1 STATUS: VALID MEASUREMENT; VALUE: 0.995
MODE S PULSE SPACING 2 STATUS: VALID MEASUREMENT; VALUE: 3.500
MODE S PULSE SPACING 3 STATUS: VALID MEASUREMENT; VALUE: 4.495

MODE S PULSE AMP VAR TEST STATUS: PASS
MODE S PULSE AMP VAR SHORT STATUS: VALID MEASUREMENT; VALUE: 0.2
MODE S PULSE AMP VAR LONG STATUS: VALID MEASUREMENT; VALUE: 0.2

MODE S SLS TEST STATUS: PASS
MODE S SLS ON STATUS: VALID MEASUREMENT; VALUE: NO REPLY
MODE S SLS OFF STATUS: VALID MEASUREMENT; VALUE: REPLY

MODE S SQUITTER TEST STATUS: PASS
MODE S SQUITTER DF 11 PERIOD STATUS: VALID MEASUREMENT; VALUE: 2.04
MODE S SQUITTER DF 17 DETECTED STATUS: VALID MEASUREMENT; VALUE: YES

MODE S REPLY RATIO TEST STATUS: PASS
MODE S REPLY RATIO STATUS: VALID MEASUREMENT; VALUE: 99
MODE S -81dBm REPLY RATIO STATUS: VALID MEASUREMENT; VALUE: 97

MODE S INVALID ADDRESS TEST STATUS: PASS
MODE S INVALID ADDRESS STATUS: VALID MEASUREMENT; VALUE: PASS

MODE S DIVERSITY ISOLATION TEST STATUS: NOT RUN
MODE S DIVERSITY ISOLATION STATUS: VALID MEASUREMENT; VALUE: 0.0

UF0 TEST STATUS: PASS
UF0 DF STATUS: VALID MEASUREMENT; VALUE: 0
UF0 VS STATUS: VALID MEASUREMENT; VALUE: 0
UF0 CC STATUS: VALID MEASUREMENT; VALUE: 1
UF0 SL STATUS: VALID MEASUREMENT; VALUE: 2
UF0 RI STATUS: VALID MEASUREMENT; VALUE: 11
UF0 AC STATUS: VALID MEASUREMENT; VALUE: 009D(00235)
UF0 ALTITUDE STATUS: VALID MEASUREMENT; VALUE: 125
UF0 MODE C ALTITUDE COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF0 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF0 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF4 TEST STATUS: PASS
UF4 DF STATUS: VALID MEASUREMENT; VALUE: 4
UF4 FS STATUS: VALID MEASUREMENT; VALUE: 0
UF4 DR STATUS: VALID MEASUREMENT; VALUE: 4
UF4 UM STATUS: VALID MEASUREMENT; VALUE: 0
UF4 AC STATUS: VALID MEASUREMENT; VALUE: 009D(00235)
UF4 ALTITUDE STATUS: VALID MEASUREMENT; VALUE: 125
UF4 MODE C ALTITUDE COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF4 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF4 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF5 TEST STATUS: PASS
UF5 DF STATUS: VALID MEASUREMENT; VALUE: 5
UF5 FS STATUS: VALID MEASUREMENT; VALUE: 0
UF5 DR STATUS: VALID MEASUREMENT; VALUE: 4
UF5 UM STATUS: VALID MEASUREMENT; VALUE: 0
UF5 ID STATUS: VALID MEASUREMENT; VALUE: 0808(04010)
UF5 ID OCTAL STATUS: VALID MEASUREMENT; VALUE: 1200
UF5 MODE A ID COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF5 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF5 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF11 TEST STATUS: PASS
UF11 DF STATUS: VALID MEASUREMENT; VALUE: 11
UF11 CA STATUS: VALID MEASUREMENT; VALUE: 5
UF11 PI STATUS: VALID MEASUREMENT; VALUE: 00004F
UF11 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF11 II LOCKOUT GEN STATUS: NOT RUN; MEAS STATUS: NO DISPLAY; VALUE: 0
UF11 II STATUS: VALID MEASUREMENT; VALUE:
UF11 SI LOCKOUT GEN STATUS: NOT RUN; MEAS STATUS: NO DISPLAY; VALUE: 0
UF11 SI STATUS: VALID MEASUREMENT; VALUE:

UF16 TEST STATUS: PASS
UF16 DF STATUS: VALID MEASUREMENT; VALUE: 16
UF16 VS STATUS: VALID MEASUREMENT; VALUE: 0
UF16 SL STATUS: VALID MEASUREMENT; VALUE: 2
UF16 RI STATUS: VALID MEASUREMENT; VALUE: 2
UF16 MV STATUS: VALID MEASUREMENT; VALUE: 30000000000000
UF16 AC STATUS: VALID MEASUREMENT; VALUE: 009D(00235)
UF16 ALTITUDE STATUS: VALID MEASUREMENT; VALUE: 125
UF16 MODE C ALTITUDE COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF16 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF16 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF20 TEST STATUS: PASS
UF20 DF STATUS: VALID MEASUREMENT; VALUE: 20
UF20 FS STATUS: VALID MEASUREMENT; VALUE: 0
UF20 DR STATUS: VALID MEASUREMENT; VALUE: 0
UF20 UM STATUS: VALID MEASUREMENT; VALUE: 0

UF20 MB STATUS: VALID MEASUREMENT; VALUE: 10030A80F20000
UF20 AC STATUS: VALID MEASUREMENT; VALUE: 009D(00235)
UF20 ALTITUDE STATUS: VALID MEASUREMENT; VALUE: 125
UF20 MODE C ALTITUDE COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF20 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF20 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF21 TEST STATUS: PASS
UF21 DF STATUS: VALID MEASUREMENT; VALUE: 21
UF21 FS STATUS: VALID MEASUREMENT; VALUE: 0
UF21 DR STATUS: VALID MEASUREMENT; VALUE: 0
UF21 UM STATUS: VALID MEASUREMENT; VALUE: 0
UF21 MB STATUS: VALID MEASUREMENT; VALUE: 10030A80F20000
UF21 ID STATUS: VALID MEASUREMENT; VALUE: 0808(04010)
UF21 ID OCTAL STATUS: VALID MEASUREMENT; VALUE: 1200
UF21 MODE A ID COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF21 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF21 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF24 TEST STATUS: NO REPLY
UF24 RESERVATION UF4 DF STATUS: VALID MEASUREMENT; VALUE: 20
UF24 RESERVATION UF4 IIS STATUS: VALID MEASUREMENT; VALUE: 0
UF24 RESERVATION UF4 IDS STATUS: VALID MEASUREMENT; VALUE: 0
UF24 RESERVATION UF4 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB
UF24 SEGMENTS UF24 DF STATUS: NO DISPLAY; VALUE: 0
UF24 SEGMENTS UF24 KE STATUS: NO DISPLAY; VALUE: 0
UF24 SEGMENTS UF24 ND STATUS: NO DISPLAY; VALUE: 0
UF24 SEGMENTS UF24 TAS STATUS: NO DISPLAY; VALUE: 0
UF24 SEGMENTS UF24 AA STATUS: NO DISPLAY; VALUE: 000000
UF24 CLOSEOUT UF4 DF STATUS: VALID MEASUREMENT; VALUE: 20
UF24 CLOSEOUT UF4 IIS STATUS: VALID MEASUREMENT; VALUE: 0
UF24 CLOSEOUT UF4 IDS STATUS: VALID MEASUREMENT; VALUE: 0
UF24 CLOSEOUT UF4 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB

BDS 1,0 TEST STATUS: PASS
BDS 1,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,0 BDS STATUS: VALID MEASUREMENT; VALUE: 1,0
BDS 1,0 SUBNETWORK VER STATUS: VALID MEASUREMENT; VALUE: 5
BDS 1,0 ENH PROT IND STATUS: VALID MEASUREMENT; VALUE: LVL 2-4
BDS 1,0 SPEC SERV CAP STATUS: VALID MEASUREMENT; VALUE: YES
BDS 1,0 UELM CAPABILITY STATUS: VALID MEASUREMENT; VALUE: NO UELM
BDS 1,0 DELM CAPABILITY STATUS: VALID MEASUREMENT; VALUE: NO DELM
BDS 1,0 AIRCRAFT ID CAP STATUS: VALID MEASUREMENT; VALUE: YES
BDS 1,0 SURV IDENT CAP STATUS: VALID MEASUREMENT; VALUE: YES
BDS 1,0 DTE STATUS: VALID MEASUREMENT; VALUE: NO
BDS 1,0 CONT FLAG STATUS: VALID MEASUREMENT; VALUE: NO
BDS 1,0 SQUITTER CAP STATUS: VALID MEASUREMENT; VALUE: YES

3DS 2,0 TEST STATUS: PASS
3DS 2,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
3DS 2,0 BDS STATUS: VALID MEASUREMENT; VALUE: 2,0
3DS 2,0 FLIGHT ID STATUS: VALID MEASUREMENT; VALUE: POLIS12A

3DS 3,0 TEST STATUS: PASS
3DS 3,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
3DS 3,0 BDS STATUS: VALID MEASUREMENT; VALUE: 3,0
3DS 3,0 ARA STATUS: VALID MEASUREMENT; VALUE: 00000000000000
3DS 3,0 RAC STATUS: VALID MEASUREMENT; VALUE: 0000
3DS 3,0 RAT STATUS: VALID MEASUREMENT; VALUE: 0

3DS 1,7 TEST STATUS: PASS
3DS 1,7 DF STATUS: VALID MEASUREMENT; VALUE: 20
3DS 1,7 BDS STATUS: ENABLE
3DS 1,7 0,5 STATUS: ENABLE
3DS 1,7 0,6 STATUS: ENABLE
3DS 1,7 0,7 STATUS: ENABLE
3DS 1,7 0,8 STATUS: ENABLE
3DS 1,7 0,9 STATUS: ENABLE
3DS 1,7 0,A STATUS: ENABLE
3DS 1,7 2,0 STATUS: ENABLE
3DS 1,7 2,1 STATUS: DISABLE
3DS 1,7 4,0 STATUS: ENABLE

BDS 1,7 4,1 STATUS: DISABLE
BDS 1,7 4,2 STATUS: DISABLE
BDS 1,7 4,3 STATUS: DISABLE
BDS 1,7 4,4 STATUS: DISABLE
BDS 1,7 4,5 STATUS: DISABLE
BDS 1,7 4,8 STATUS: DISABLE
BDS 1,7 5,0 STATUS: ENABLE
BDS 1,7 5,1 STATUS: DISABLE
BDS 1,7 5,2 STATUS: DISABLE
BDS 1,7 5,3 STATUS: ENABLE
BDS 1,7 5,4 STATUS: DISABLE
BDS 1,7 5,5 STATUS: DISABLE
BDS 1,7 5,6 STATUS: DISABLE
BDS 1,7 5,F STATUS: ENABLE
BDS 1,7 6,0 STATUS: ENABLE

BDS 1,8 TEST STATUS: PASS
BDS 1,8 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,8 BDS STATUS: ENABLE
BDS 1,8 VALUE: 00800089C083F0

BDS 1,9 TEST STATUS: PASS
BDS 1,9 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,9 BDS STATUS: ENABLE
BDS 1,9 VALUE: 0013C004800080

BDS 1,A TEST STATUS: PASS
BDS 1,A DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,A BDS STATUS: ENABLE
BDS 1,A VALUE: 000000000000000

BDS 1,B TEST STATUS: PASS
BDS 1,B DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,B BDS STATUS: ENABLE
BDS 1,B VALUE: 000000000000000

BDS 1,C TEST STATUS: PASS
BDS 1,C DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,C BDS STATUS: ENABLE
BDS 1,C VALUE: 00000000000004C

BDS 4,0 TEST STATUS: PASS
BDS 4,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 4,0 MCU/FCU SEL ALT STATUS: VALID MEASUREMENT; VALUE: 17008
BDS 4,0 BARO PRES SET STATUS: VALID MEASUREMENT; VALUE: 1013.0

BDS 5,0 TEST STATUS: PASS
BDS 5,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 5,0 ROLL ANGLE STATUS: VALID MEASUREMENT; VALUE: -0.7
BDS 5,0 TRUE TRACK ANGLE STATUS: VALID MEASUREMENT; VALUE: -115.4
BDS 5,0 GROUND SPEED STATUS: VALID MEASUREMENT; VALUE: 0
BDS 5,0 TRACK ANGLE RATE STATUS: VALID MEASUREMENT; VALUE: 0.00
BDS 5,0 TRUE AIR SPEED STATUS: VALID MEASUREMENT; VALUE: 42

BDS 6,0 TEST STATUS: PASS
BDS 6,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 6,0 MAGNETIC HEADING STATUS: VALID MEASUREMENT; VALUE: -114.7
BDS 6,0 IND AIR SPEED STATUS: VALID MEASUREMENT; VALUE: 37
BDS 6,0 MACH NO STATUS: VALID MEASUREMENT; VALUE: 0.060
BDS 6,0 INERT VERT VEL STATUS: VALID MEASUREMENT; VALUE: 0
BDS 6,0 BARO ALT RATE STATUS: VALID MEASUREMENT; VALUE: 0

ALTITUDE ENCODER TEST STATUS: NOT RUN
ALTITUDE ENCODER STATUS: VALID MEASUREMENT; VALUE: 0
ALTITUDE ENCODER BITS STATUS: VALID MEASUREMENT; VALUE: 0
ALTITUDE ENCODER ID STATUS: NO DISPLAY; VALUE: 0000
ALTITUDE ENCODER IDENT STATUS: NO DISPLAY; VALUE: 0

STORE NAME: 9M-PTA ATC 2 BOTTOM ADSB; DATE: 10/30/23; TIME: 22:59:23

MTL TEST STATUS: PASS
MTL MODE A STATUS: NO DISPLAY; VALUE: 0.0
MTL MODE C STATUS: NO DISPLAY; VALUE: 0.0
MTL MODE S STATUS: VALID MEASUREMENT; VALUE: -41.5
MTL ADDRESS: 7500DB(35200333)

MODE CAP TEST STATUS: FAIL
MODE CAP MODE A STATUS: VALID MEASUREMENT; VALUE: NO REPLY
MODE CAP MODE C STATUS: VALID MEASUREMENT; VALUE: NO REPLY
MODE CAP MODE S STATUS: VALID MEASUREMENT; VALUE: REPLY
MODE CAP LEVEL STATUS: VALID MEASUREMENT; VALUE: 2
MODE CAP MODE A CODE STATUS: NO DISPLAY; VALUE: 0000
MODE CAP IDENT STATUS: NO DISPLAY; VALUE: DISABLE
MODE CAP MODE C ALTITUDE STATUS: NO DISPLAY; VALUE: 0
MODE CAP ADDRESS STATUS: VALID MEASUREMENT; VALUE: 7500DB
MODE CAP TAIL STATUS: VALID MEASUREMENT; VALUE: 9M-?
MODE CAP COUNTRY STATUS: VALID MEASUREMENT; VALUE: Malaysia

DECODER TEST STATUS: PASS
DECODER INNER LOW A STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER INNER LOW C STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER INNER HIGH A STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER INNER HIGH C STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER OUTER LOW A STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER OUTER LOW C STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER OUTER HIGH A STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER OUTER HIGH C STATUS: VALID MEASUREMENT; VALUE: PASS

SLS TEST STATUS: PASS
SLS 0 dB A STATUS: VALID MEASUREMENT; VALUE: PASS
SLS 0 dB C STATUS: VALID MEASUREMENT; VALUE: PASS
SLS -9 dB A STATUS: VALID MEASUREMENT; VALUE: PASS
SLS -9 dB C STATUS: VALID MEASUREMENT; VALUE: PASS

REPLY TEST STATUS: PASS
REPLY A CODE STATUS: VALID MEASUREMENT; VALUE: 1200
REPLY IDENT STATUS: VALID MEASUREMENT; VALUE: DISABLE
REPLY C ALTITUDE STATUS: VALID MEASUREMENT; VALUE: 100
REPLY C ALTITUDE BITS STATUS: VALID MEASUREMENT; VALUE: 408

SPACE WIDTH TEST STATUS: PASS
SPACE WIDTH F1 A STATUS: VALID MEASUREMENT; VALUE: 0.418
SPACE WIDTH F1 C STATUS: VALID MEASUREMENT; VALUE: 0.418
SPACE WIDTH F2 A STATUS: VALID MEASUREMENT; VALUE: 0.452
SPACE WIDTH F2 C STATUS: VALID MEASUREMENT; VALUE: 0.452
SPACE WIDTH F1-F2 A STATUS: VALID MEASUREMENT; VALUE: 20.265
SPACE WIDTH F1-F2 C STATUS: VALID MEASUREMENT; VALUE: 20.265

REPLY DELAY TEST STATUS: PASS
REPLY DELAY A STATUS: VALID MEASUREMENT; VALUE: 3.44
REPLY DELAY C STATUS: VALID MEASUREMENT; VALUE: 3.44

REPLY JITTER TEST STATUS: PASS
REPLY JITTER A STATUS: VALID MEASUREMENT; VALUE: 0.038
REPLY JITTER C STATUS: VALID MEASUREMENT; VALUE: 0.042

REPLY RATIO TEST STATUS: PASS
REPLY RATIO A STATUS: VALID MEASUREMENT; VALUE: 97
REPLY RATIO C STATUS: VALID MEASUREMENT; VALUE: 99
-81dBm REPLY RATIO A STATUS: VALID MEASUREMENT; VALUE: 0
-81dBm REPLY RATIO C STATUS: VALID MEASUREMENT; VALUE: 0

ATC ALL CALL TEST STATUS: PASS
ATC ALL CALL A STATUS: VALID MEASUREMENT; VALUE: PASS
ATC ALL CALL C STATUS: VALID MEASUREMENT; VALUE: PASS

PULSE AMP VAR TEST STATUS: PASS
PULSE AMP VAR A STATUS: VALID MEASUREMENT; VALUE: 0.0
PULSE AMP VAR C STATUS: VALID MEASUREMENT; VALUE: 0.1

MODE A PULSE DUR TEST STATUS: PASS
MODE A PULSE DUR F1 STATUS: VALID MEASUREMENT; VALUE: 0.418
MODE A PULSE DUR F2 STATUS: VALID MEASUREMENT; VALUE: 0.452
MODE A PULSE DUR A1 STATUS: VALID MEASUREMENT; VALUE: 0.452
MODE A PULSE DUR A2 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR A4 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR B1 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR B2 STATUS: VALID MEASUREMENT; VALUE: 0.452
MODE A PULSE DUR B4 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR C1 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR C2 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR C4 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR D1 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR D2 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR D4 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR X STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR SPI STATUS: NO DISPLAY; VALUE: 0.000

MAX PULSE AMP VAR A TEST STATUS: PASS
MAX PULSE AMP VAR A STATUS: VALID MEASUREMENT; VALUE: 0.0

MODE C PULSE DUR TEST STATUS: PASS
MODE C PULSE DUR F1 STATUS: VALID MEASUREMENT; VALUE: 0.418
MODE C PULSE DUR F2 STATUS: VALID MEASUREMENT; VALUE: 0.452
MODE C PULSE DUR A1 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR A2 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR A4 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR B1 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR B2 STATUS: VALID MEASUREMENT; VALUE: 0.452
MODE C PULSE DUR B4 STATUS: VALID MEASUREMENT; VALUE: 0.452
MODE C PULSE DUR C1 STATUS: VALID MEASUREMENT; VALUE: 0.453
MODE C PULSE DUR C2 STATUS: VALID MEASUREMENT; VALUE: 0.452
MODE C PULSE DUR C4 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR D2 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR D4 STATUS: NO DISPLAY; VALUE: 0.000

MAX PULSE AMP VAR C TEST STATUS: PASS
MAX PULSE AMP VAR C STATUS: VALID MEASUREMENT; VALUE: 0.1

FREQUENCY A TEST STATUS: PASS
FREQUENCY C TEST STATUS: PASS
FREQUENCY S TEST STATUS: PASS
FREQUENCY ALL CALL TEST STATUS: PASS
FREQUENCY A STATUS: VALID MEASUREMENT; VALUE: 1090.02
FREQUENCY C STATUS: VALID MEASUREMENT; VALUE: 1090.03
FREQUENCY S STATUS: VALID MEASUREMENT; VALUE: 1090.03
FREQUENCY ALL CALL STATUS: VALID MEASUREMENT; VALUE: 1090.03

POWER A TEST STATUS: PASS
POWER A TOP ERP STATUS: NO DISPLAY; VALUE: 0.0 dBm 0.0 dBw 0 W
POWER A BOTTOM ERP STATUS: VALID MEASUREMENT; VALUE: 54.8 dBm 24.8 dBw 302 W
POWER A INSTANT ERP STATUS: VALID MEASUREMENT; VALUE: 54.8 dBm 24.8 dBw 302 W
MTL A TEST STATUS: PASS
POWER A TOP MTL STATUS: NO DISPLAY; VALUE: -70.0
POWER A BOTTOM MTL STATUS: VALID MEASUREMENT; VALUE: -74.3
POWER A INSTANT MTL STATUS: VALID MEASUREMENT; VALUE: -74.3
POWER A TOP A-C MTL STATUS: NO DISPLAY; VALUE: 0.0
POWER A BOTTOM A-C MTL STATUS: VALID MEASUREMENT; VALUE: 0.3
POWER A INSTANT A-C MTL STATUS: VALID MEASUREMENT; VALUE: 0.3

POWER C TEST STATUS: PASS
POWER C TOP ERP STATUS: NO DISPLAY; VALUE: 0.0 dBm 0.0 dBw 0 W
POWER C BOTTOM ERP STATUS: VALID MEASUREMENT; VALUE: 54.6 dBm 24.6 dBw 288 W
POWER C INSTANT ERP STATUS: VALID MEASUREMENT; VALUE: 54.6 dBm 24.6 dBw 288 W
MTL C TEST STATUS: PASS
POWER C TOP MTL STATUS: NO DISPLAY; VALUE: -70.0
POWER C BOTTOM MTL STATUS: VALID MEASUREMENT; VALUE: -74.6
POWER C INSTANT MTL STATUS: VALID MEASUREMENT; VALUE: -74.6

POWER S TEST STATUS: PASS
POWER S TOP ERP STATUS: NO DISPLAY; VALUE: 0.0 dBm 0.0 dBw 0 W
POWER S BOTTOM ERP STATUS: VALID MEASUREMENT; VALUE: 54.8 dBm 24.8 dBw 302 W

POWER S INSTANT ERP STATUS: VALID MEASUREMENT; VALUE: 54.8 dBm 24.8 dBw 302 W
MTL S TEST STATUS: PASS
POWER S TOP MTL STATUS: NO DISPLAY; VALUE: -70.0
POWER S BOTTOM MTL STATUS: VALID MEASUREMENT; VALUE: -75.0
POWER S INSTANT MTL STATUS: VALID MEASUREMENT; VALUE: -75.0

POWER ALL CALL TEST STATUS: PASS
POWER ALL CALL TOP ERP STATUS: NO DISPLAY; VALUE: 0.0 dBm 0.0 dBw 0 W
POWER ALL CALL BOTTOM ERP STATUS: VALID MEASUREMENT; VALUE: 54.5 dBm 24.5 dBw
282 W
POWER ALL CALL INSTANT ERP STATUS: VALID MEASUREMENT; VALUE: 54.5 dBm 24.5 dBw
282 W
MTL ALL CALL TEST STATUS: PASS
POWER ALL CALL TOP MTL STATUS: NO DISPLAY; VALUE: -70.0
POWER ALL CALL BOTTOM MTL STATUS: VALID MEASUREMENT; VALUE: -75.1
POWER ALL CALL INSTANT MTL STATUS: VALID MEASUREMENT; VALUE: -75.1

ITM REPLY DELAY TEST STATUS: PASS
ITM REPLY DELAY A STATUS: VALID MEASUREMENT; VALUE: 127.91
ITM REPLY DELAY C STATUS: VALID MEASUREMENT; VALUE: 127.91

ITM REPLY JITTER TEST STATUS: PASS
ITM REPLY JITTER A STATUS: VALID MEASUREMENT; VALUE: 0.042
ITM REPLY JITTER C STATUS: VALID MEASUREMENT; VALUE: 0.045

ITM REPLY RATIO TEST STATUS: PASS
ITM REPLY RATIO A STATUS: VALID MEASUREMENT; VALUE: 100
ITM REPLY RATIO C STATUS: VALID MEASUREMENT; VALUE: 99
ITM -81dBm A STATUS: VALID MEASUREMENT; VALUE: 0
ITM -81dBm C STATUS: VALID MEASUREMENT; VALUE: 0

ITM ADDRESS TEST STATUS: PASS
ITM ADDRESS A STATUS: VALID MEASUREMENT; VALUE: 7500DB
ITM ADDRESS C STATUS: VALID MEASUREMENT; VALUE: 7500DB

MODE S ALL CALL TEST STATUS: PASS
MODE S ALL CALL STATUS: VALID MEASUREMENT; VALUE: PASS
MODE S ALL CALL ADDRESS STATUS: VALID MEASUREMENT; VALUE: 7500DB
MODE S ALL CALL TAIL STATUS: VALID MEASUREMENT; VALUE: 9M-?
MODE S ALL CALL COUNTRY STATUS: VALID MEASUREMENT; VALUE: Malaysia

MODE S REPLY DELAY TEST STATUS: PASS
MODE S REPLY DELAY STATUS: VALID MEASUREMENT; VALUE: 128.09

MODE S REPLY JITTER TEST STATUS: PASS
MODE S REPLY JITTER STATUS: VALID MEASUREMENT; VALUE: 0.047

MODE S PULSE WIDTH TEST STATUS: PASS
MODE S PULSE WIDTH STATUS: VALID MEASUREMENT; VALUE: PASS
MODE S PULSE WIDTH 1 STATUS: VALID MEASUREMENT; VALUE: 0.501
MODE S PULSE WIDTH 2 STATUS: VALID MEASUREMENT; VALUE: 0.505
MODE S PULSE WIDTH 3 STATUS: VALID MEASUREMENT; VALUE: 0.501
MODE S PULSE WIDTH 4 STATUS: VALID MEASUREMENT; VALUE: 0.505

MODE S PULSE SPACING TEST STATUS: PASS
MODE S PULSE SPACING STATUS: VALID MEASUREMENT; VALUE: PASS
MODE S PULSE SPACING 1 STATUS: VALID MEASUREMENT; VALUE: 0.995
MODE S PULSE SPACING 2 STATUS: VALID MEASUREMENT; VALUE: 3.499
MODE S PULSE SPACING 3 STATUS: VALID MEASUREMENT; VALUE: 4.495

MODE S PULSE AMP VAR TEST STATUS: PASS
MODE S PULSE AMP VAR SHORT STATUS: VALID MEASUREMENT; VALUE: 0.2
MODE S PULSE AMP VAR LONG STATUS: VALID MEASUREMENT; VALUE: 0.2

MODE S SLS TEST STATUS: PASS
MODE S SLS ON STATUS: VALID MEASUREMENT; VALUE: NO REPLY
MODE S SLS OFF STATUS: VALID MEASUREMENT; VALUE: REPLY

MODE S SQUITTER TEST STATUS: PASS
MODE S SQUITTER DF 11 PERIOD STATUS: VALID MEASUREMENT; VALUE: 2.22
MODE S SQUITTER DF 17 DETECTED STATUS: VALID MEASUREMENT; VALUE: YES

MODE S REPLY RATIO TEST STATUS: PASS
MODE S REPLY RATIO STATUS: VALID MEASUREMENT; VALUE: 100
MODE S -81dBm REPLY RATIO STATUS: VALID MEASUREMENT; VALUE: 0

MODE S INVALID ADDRESS TEST STATUS: PASS
MODE S INVALID ADDRESS STATUS: VALID MEASUREMENT; VALUE: PASS

MODE S DIVERSITY ISOLATION TEST STATUS: NOT RUN
MODE S DIVERSITY ISOLATION STATUS: VALID MEASUREMENT; VALUE: 0.0

UF0 TEST STATUS: PASS
UF0 DF STATUS: VALID MEASUREMENT; VALUE: 0
UF0 VS STATUS: VALID MEASUREMENT; VALUE: 0
UF0 CC STATUS: VALID MEASUREMENT; VALUE: 1
UF0 SL STATUS: VALID MEASUREMENT; VALUE: 2
UF0 RI STATUS: VALID MEASUREMENT; VALUE: 11
UF0 AC STATUS: VALID MEASUREMENT; VALUE: 009D(00235)
UF0 ALTITUDE STATUS: VALID MEASUREMENT; VALUE: 125
UF0 MODE C ALTITUDE COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF0 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF0 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF4 TEST STATUS: PASS
UF4 DF STATUS: VALID MEASUREMENT; VALUE: 4
UF4 FS STATUS: VALID MEASUREMENT; VALUE: 0
UF4 DR STATUS: VALID MEASUREMENT; VALUE: 0
UF4 UM STATUS: VALID MEASUREMENT; VALUE: 0
UF4 AC STATUS: VALID MEASUREMENT; VALUE: 009D(00235)
UF4 ALTITUDE STATUS: VALID MEASUREMENT; VALUE: 125
UF4 MODE C ALTITUDE COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF4 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF4 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF5 TEST STATUS: PASS
UF5 DF STATUS: VALID MEASUREMENT; VALUE: 5
UF5 FS STATUS: VALID MEASUREMENT; VALUE: 0
UF5 DR STATUS: VALID MEASUREMENT; VALUE: 0
UF5 UM STATUS: VALID MEASUREMENT; VALUE: 0
UF5 ID STATUS: VALID MEASUREMENT; VALUE: 0808(04010)
UF5 ID OCTAL STATUS: VALID MEASUREMENT; VALUE: 1200
UF5 MODE A ID COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF5 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF5 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF11 TEST STATUS: PASS
UF11 DF STATUS: VALID MEASUREMENT; VALUE: 11
UF11 CA STATUS: VALID MEASUREMENT; VALUE: 5
UF11 PI STATUS: VALID MEASUREMENT; VALUE: 00004F
UF11 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF11 II LOCKOUT GEN STATUS: NOT RUN; MEAS STATUS: NO DISPLAY; VALUE: 0
UF11 II STATUS: VALID MEASUREMENT; VALUE:
UF11 SI LOCKOUT GEN STATUS: NOT RUN; MEAS STATUS: NO DISPLAY; VALUE: 0
UF11 SI STATUS: VALID MEASUREMENT; VALUE:

UF16 TEST STATUS: PASS
UF16 DF STATUS: VALID MEASUREMENT; VALUE: 16
UF16 VS STATUS: VALID MEASUREMENT; VALUE: 0
UF16 SL STATUS: VALID MEASUREMENT; VALUE: 2
UF16 RI STATUS: VALID MEASUREMENT; VALUE: 2
UF16 MV STATUS: VALID MEASUREMENT; VALUE: 30000000000000
UF16 AC STATUS: VALID MEASUREMENT; VALUE: 009D(00235)
UF16 ALTITUDE STATUS: VALID MEASUREMENT; VALUE: 125
UF16 MODE C ALTITUDE COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF16 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF16 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

JF20 TEST STATUS: PASS
JF20 DF STATUS: VALID MEASUREMENT; VALUE: 20
JF20 FS STATUS: VALID MEASUREMENT; VALUE: 0
JF20 DR STATUS: VALID MEASUREMENT; VALUE: 0
JF20 UM STATUS: VALID MEASUREMENT; VALUE: 0
JF20 MB STATUS: VALID MEASUREMENT; VALUE: 10030A80E20000

UF20 AC STATUS: VALID MEASUREMENT; VALUE: 009D(00235)
UF20 ALTITUDE STATUS: VALID MEASUREMENT; VALUE: 125
UF20 MODE C ALTITUDE COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF20 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF20 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF21 TEST STATUS: PASS
UF21 DF STATUS: VALID MEASUREMENT; VALUE: 21
UF21 FS STATUS: VALID MEASUREMENT; VALUE: 0
UF21 DR STATUS: VALID MEASUREMENT; VALUE: 0
UF21 UM STATUS: VALID MEASUREMENT; VALUE: 0
UF21 MB STATUS: VALID MEASUREMENT; VALUE: 10030A80E20000
UF21 ID STATUS: VALID MEASUREMENT; VALUE: 0808(04010)
UF21 ID OCTAL STATUS: VALID MEASUREMENT; VALUE: 1200
UF21 MODE A ID COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF21 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF21 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF24 TEST STATUS: NO REPLY
UF24 RESERVATION UF4 DF STATUS: VALID MEASUREMENT; VALUE: 20
UF24 RESERVATION UF4 IIS STATUS: VALID MEASUREMENT; VALUE: 0
UF24 RESERVATION UF4 IDS STATUS: VALID MEASUREMENT; VALUE: 0
UF24 RESERVATION UF4 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB
UF24 SEGMENTS UF24 DF STATUS: NO DISPLAY; VALUE: 0
UF24 SEGMENTS UF24 KE STATUS: NO DISPLAY; VALUE: 0
UF24 SEGMENTS UF24 ND STATUS: NO DISPLAY; VALUE: 0
UF24 SEGMENTS UF24 TAS STATUS: NO DISPLAY; VALUE: 0
UF24 SEGMENTS UF24 AA STATUS: NO DISPLAY; VALUE: 000000
UF24 CLOSEOUT UF4 DF STATUS: VALID MEASUREMENT; VALUE: 20
UF24 CLOSEOUT UF4 IIS STATUS: VALID MEASUREMENT; VALUE: 0
UF24 CLOSEOUT UF4 IDS STATUS: VALID MEASUREMENT; VALUE: 0
UF24 CLOSEOUT UF4 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB

BDS 1,0 TEST STATUS: PASS
BDS 1,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,0 BDS STATUS: VALID MEASUREMENT; VALUE: 1,0
BDS 1,0 SUBNETWORK VER STATUS: VALID MEASUREMENT; VALUE: 5
BDS 1,0 ENH PROT IND STATUS: VALID MEASUREMENT; VALUE: LVL 2-4
BDS 1,0 SPEC SERV CAP STATUS: VALID MEASUREMENT; VALUE: YES
BDS 1,0 UELM CAPABILITY STATUS: VALID MEASUREMENT; VALUE: NO UELM
BDS 1,0 DELM CAPABILITY STATUS: VALID MEASUREMENT; VALUE: NO DELM
BDS 1,0 AIRCRAFT ID CAP STATUS: VALID MEASUREMENT; VALUE: YES
BDS 1,0 SURV IDENT CAP STATUS: VALID MEASUREMENT; VALUE: YES
BDS 1,0 DTE STATUS: VALID MEASUREMENT; VALUE: NO
BDS 1,0 CONT FLAG STATUS: VALID MEASUREMENT; VALUE: NO
BDS 1,0 SQUITTER CAP STATUS: VALID MEASUREMENT; VALUE: YES

3DS 2,0 TEST STATUS: PASS
3DS 2,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
3DS 2,0 BDS STATUS: VALID MEASUREMENT; VALUE: 2,0
3DS 2,0 FLIGHT ID STATUS: VALID MEASUREMENT; VALUE: POLIS12A

3DS 3,0 TEST STATUS: PASS
3DS 3,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
3DS 3,0 BDS STATUS: VALID MEASUREMENT; VALUE: 3,0
3DS 3,0 ARA STATUS: VALID MEASUREMENT; VALUE: 00000000000000
3DS 3,0 RAC STATUS: VALID MEASUREMENT; VALUE: 0000
3DS 3,0 RAT STATUS: VALID MEASUREMENT; VALUE: 0

3DS 1,7 TEST STATUS: PASS
3DS 1,7 DF STATUS: VALID MEASUREMENT; VALUE: 20
3DS 1,7 BDS STATUS: ENABLE
3DS 1,7 0,5 STATUS: ENABLE
3DS 1,7 0,6 STATUS: ENABLE
3DS 1,7 0,7 STATUS: ENABLE
3DS 1,7 0,8 STATUS: ENABLE
3DS 1,7 0,9 STATUS: ENABLE
3DS 1,7 0,A STATUS: ENABLE
3DS 1,7 2,0 STATUS: ENABLE
3DS 1,7 2,1 STATUS: DISABLE
3DS 1,7 4,0 STATUS: ENABLE
3DS 1,7 4,1 STATUS: DISABLE

BDS 1,7 4,2 STATUS: DISABLE
BDS 1,7 4,3 STATUS: DISABLE
BDS 1,7 4,4 STATUS: DISABLE
BDS 1,7 4,5 STATUS: DISABLE
BDS 1,7 4,8 STATUS: DISABLE
BDS 1,7 5,0 STATUS: ENABLE
BDS 1,7 5,1 STATUS: DISABLE
BDS 1,7 5,2 STATUS: DISABLE
BDS 1,7 5,3 STATUS: ENABLE
BDS 1,7 5,4 STATUS: DISABLE
BDS 1,7 5,5 STATUS: DISABLE
BDS 1,7 5,6 STATUS: DISABLE
BDS 1,7 5,F STATUS: ENABLE
BDS 1,7 6,0 STATUS: ENABLE

BDS 1,8 TEST STATUS: PASS
BDS 1,8 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,8 BDS STATUS: ENABLE
BDS 1,8 VALUE: 00800089C083F0

BDS 1,9 TEST STATUS: PASS
BDS 1,9 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,9 BDS STATUS: ENABLE
BDS 1,9 VALUE: 0013C004800080

BDS 1,A TEST STATUS: PASS
BDS 1,A DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,A BDS STATUS: ENABLE
BDS 1,A VALUE: 00000000000000

BDS 1,B TEST STATUS: PASS
BDS 1,B DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,B BDS STATUS: ENABLE
BDS 1,B VALUE: 00000000000000

BDS 1,C TEST STATUS: PASS
BDS 1,C DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,C BDS STATUS: ENABLE
BDS 1,C VALUE: 0000000000004C

BDS 4,0 TEST STATUS: PASS
BDS 4,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 4,0 MCU/FCU SEL ALT STATUS: VALID MEASUREMENT; VALUE: 17008
BDS 4,0 BARO PRES SET STATUS: VALID MEASUREMENT; VALUE: 1013.0

BDS 5,0 TEST STATUS: PASS
BDS 5,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 5,0 ROLL ANGLE STATUS: VALID MEASUREMENT; VALUE: -0.5
BDS 5,0 TRUE TRACK ANGLE STATUS: VALID MEASUREMENT; VALUE: -115.6
BDS 5,0 GROUND SPEED STATUS: VALID MEASUREMENT; VALUE: 0
BDS 5,0 TRACK ANGLE RATE STATUS: VALID MEASUREMENT; VALUE: 0.00
BDS 5,0 TRUE AIR SPEED STATUS: VALID MEASUREMENT; VALUE: 42

BDS 6,0 TEST STATUS: PASS
BDS 6,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 6,0 MAGNETIC HEADING STATUS: VALID MEASUREMENT; VALUE: -114.7
BDS 6,0 IND AIR SPEED STATUS: VALID MEASUREMENT; VALUE: 36
BDS 6,0 MACH NO STATUS: VALID MEASUREMENT; VALUE: 0.060
BDS 6,0 INERT VERT VEL STATUS: VALID MEASUREMENT; VALUE: 0
BDS 6,0 BARO ALT RATE STATUS: VALID MEASUREMENT; VALUE: 0

ALTITUDE ENCODER TEST STATUS: NOT RUN
ALTITUDE ENCODER STATUS: VALID MEASUREMENT; VALUE: 0
ALTITUDE ENCODER BITS STATUS: VALID MEASUREMENT; VALUE: 0
ALTITUDE ENCODER ID STATUS: NO DISPLAY; VALUE: 0000
ALTITUDE ENCODER IDENT STATUS: NO DISPLAY; VALUE: 0

STORE NAME: 9M-PTA ATC 2 BOTTOM; DATE: 10/30/23; TIME: 22:52:08

MTL TEST STATUS: PASS
MTL MODE A STATUS: VALID MEASUREMENT; VALUE: -43.0
MTL MODE C STATUS: NO DISPLAY; VALUE: 0.0
MTL MODE S STATUS: VALID MEASUREMENT; VALUE: -43.0
MTL ADDRESS: 7500DB(35200333)

MODE CAP TEST STATUS: PASS
MODE CAP MODE A STATUS: VALID MEASUREMENT; VALUE: REPLY
MODE CAP MODE C STATUS: VALID MEASUREMENT; VALUE: REPLY
MODE CAP MODE S STATUS: VALID MEASUREMENT; VALUE: REPLY
MODE CAP LEVEL STATUS: VALID MEASUREMENT; VALUE: 2
MODE CAP MODE A CODE STATUS: VALID MEASUREMENT; VALUE: 1200
MODE CAP IDENT STATUS: VALID MEASUREMENT; VALUE: DISABLE
MODE CAP MODE C ALTITUDE STATUS: VALID MEASUREMENT; VALUE: 100
MODE CAP ADDRESS STATUS: VALID MEASUREMENT; VALUE: 7500DB
MODE CAP TAIL STATUS: VALID MEASUREMENT; VALUE: 9M-?
MODE CAP COUNTRY STATUS: VALID MEASUREMENT; VALUE: Malaysia

DECODER TEST STATUS: PASS
DECODER INNER LOW A STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER INNER LOW C STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER INNER HIGH A STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER INNER HIGH C STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER OUTER LOW A STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER OUTER LOW C STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER OUTER HIGH A STATUS: VALID MEASUREMENT; VALUE: PASS
DECODER OUTER HIGH C STATUS: VALID MEASUREMENT; VALUE: PASS

SLS TEST STATUS: PASS
SLS 0 dB A STATUS: VALID MEASUREMENT; VALUE: PASS
SLS 0 dB C STATUS: VALID MEASUREMENT; VALUE: PASS
SLS -9 dB A STATUS: VALID MEASUREMENT; VALUE: PASS
SLS -9 dB C STATUS: VALID MEASUREMENT; VALUE: PASS

REPLY TEST STATUS: PASS
REPLY A CODE STATUS: VALID MEASUREMENT; VALUE: 1200
REPLY IDENT STATUS: VALID MEASUREMENT; VALUE: DISABLE
REPLY C ALTITUDE STATUS: VALID MEASUREMENT; VALUE: 100
REPLY C ALTITUDE BITS STATUS: VALID MEASUREMENT; VALUE: 408

SPACE WIDTH TEST STATUS: PASS
SPACE WIDTH F1 A STATUS: VALID MEASUREMENT; VALUE: 0.418
SPACE WIDTH F1 C STATUS: VALID MEASUREMENT; VALUE: 0.418
SPACE WIDTH F2 A STATUS: VALID MEASUREMENT; VALUE: 0.452
SPACE WIDTH F2 C STATUS: VALID MEASUREMENT; VALUE: 0.452
SPACE WIDTH F1-F2 A STATUS: VALID MEASUREMENT; VALUE: 20.265
SPACE WIDTH F1-F2 C STATUS: VALID MEASUREMENT; VALUE: 20.265

REPLY DELAY TEST STATUS: PASS
REPLY DELAY A STATUS: VALID MEASUREMENT; VALUE: 3.44
REPLY DELAY C STATUS: VALID MEASUREMENT; VALUE: 3.44

REPLY JITTER TEST STATUS: PASS
REPLY JITTER A STATUS: VALID MEASUREMENT; VALUE: 0.038
REPLY JITTER C STATUS: VALID MEASUREMENT; VALUE: 0.042

REPLY RATIO TEST STATUS: PASS
REPLY RATIO A STATUS: VALID MEASUREMENT; VALUE: 97
REPLY RATIO C STATUS: VALID MEASUREMENT; VALUE: 99
-81dBm REPLY RATIO A STATUS: VALID MEASUREMENT; VALUE: 0
-81dBm REPLY RATIO C STATUS: VALID MEASUREMENT; VALUE: 0

ATC ALL CALL TEST STATUS: PASS
ATC ALL CALL A STATUS: VALID MEASUREMENT; VALUE: PASS
ATC ALL CALL C STATUS: VALID MEASUREMENT; VALUE: PASS

PULSE AMP VAR TEST STATUS: PASS
PULSE AMP VAR A STATUS: VALID MEASUREMENT; VALUE: 0.0
PULSE AMP VAR C STATUS: VALID MEASUREMENT; VALUE: 0.1

MODE A PULSE DUR TEST STATUS: PASS
MODE A PULSE DUR F1 STATUS: VALID MEASUREMENT; VALUE: 0.418
MODE A PULSE DUR F2 STATUS: VALID MEASUREMENT; VALUE: 0.452
MODE A PULSE DUR A1 STATUS: VALID MEASUREMENT; VALUE: 0.452
MODE A PULSE DUR A2 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR A4 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR B1 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR B2 STATUS: VALID MEASUREMENT; VALUE: 0.452
MODE A PULSE DUR B4 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR C1 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR C2 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR C4 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR D1 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR D2 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR D4 STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR X STATUS: NO DISPLAY; VALUE: 0.000
MODE A PULSE DUR SPI STATUS: NO DISPLAY; VALUE: 0.000

MAX PULSE AMP VAR A TEST STATUS: PASS
MAX PULSE AMP VAR A STATUS: VALID MEASUREMENT; VALUE: 0.0

MODE C PULSE DUR TEST STATUS: PASS
MODE C PULSE DUR F1 STATUS: VALID MEASUREMENT; VALUE: 0.418
MODE C PULSE DUR F2 STATUS: VALID MEASUREMENT; VALUE: 0.452
MODE C PULSE DUR A1 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR A2 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR A4 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR B1 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR B2 STATUS: VALID MEASUREMENT; VALUE: 0.452
MODE C PULSE DUR B4 STATUS: VALID MEASUREMENT; VALUE: 0.452
MODE C PULSE DUR C1 STATUS: VALID MEASUREMENT; VALUE: 0.453
MODE C PULSE DUR C2 STATUS: VALID MEASUREMENT; VALUE: 0.452
MODE C PULSE DUR C4 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR D2 STATUS: NO DISPLAY; VALUE: 0.000
MODE C PULSE DUR D4 STATUS: NO DISPLAY; VALUE: 0.000

MAX PULSE AMP VAR C TEST STATUS: PASS
MAX PULSE AMP VAR C STATUS: VALID MEASUREMENT; VALUE: 0.1

FREQUENCY A TEST STATUS: PASS
FREQUENCY C TEST STATUS: PASS
FREQUENCY S TEST STATUS: PASS
FREQUENCY ALL CALL TEST STATUS: PASS
FREQUENCY A STATUS: VALID MEASUREMENT; VALUE: 1090.02
FREQUENCY C STATUS: VALID MEASUREMENT; VALUE: 1090.03
FREQUENCY S STATUS: VALID MEASUREMENT; VALUE: 1090.03
FREQUENCY ALL CALL STATUS: VALID MEASUREMENT; VALUE: 1090.03

POWER A TEST STATUS: PASS
POWER A TOP ERP STATUS: NO DISPLAY; VALUE: 0.0 dBm 0.0 dBw 0 W
POWER A BOTTOM ERP STATUS: VALID MEASUREMENT; VALUE: 54.8 dBm 24.8 dBw 302 W
POWER A INSTANT ERP STATUS: VALID MEASUREMENT; VALUE: 54.8 dBm 24.8 dBw 302 W
MTL A TEST STATUS: PASS
POWER A TOP MTL STATUS: NO DISPLAY; VALUE: -70.0
POWER A BOTTOM MTL STATUS: VALID MEASUREMENT; VALUE: -74.3
POWER A INSTANT MTL STATUS: VALID MEASUREMENT; VALUE: -74.3
POWER A TOP A-C MTL STATUS: NO DISPLAY; VALUE: 0.0
POWER A BOTTOM A-C MTL STATUS: VALID MEASUREMENT; VALUE: 0.3
POWER A INSTANT A-C MTL STATUS: VALID MEASUREMENT; VALUE: 0.3

POWER C TEST STATUS: PASS
POWER C TOP ERP STATUS: NO DISPLAY; VALUE: 0.0 dBm 0.0 dBw 0 W
POWER C BOTTOM ERP STATUS: VALID MEASUREMENT; VALUE: 54.6 dBm 24.6 dBw 288 W
POWER C INSTANT ERP STATUS: VALID MEASUREMENT; VALUE: 54.6 dBm 24.6 dBw 288 W
MTL C TEST STATUS: PASS
POWER C TOP MTL STATUS: NO DISPLAY; VALUE: -70.0
POWER C BOTTOM MTL STATUS: VALID MEASUREMENT; VALUE: -74.6
POWER C INSTANT MTL STATUS: VALID MEASUREMENT; VALUE: -74.6

POWER S TEST STATUS: PASS
POWER S TOP ERP STATUS: NO DISPLAY; VALUE: 0.0 dBm 0.0 dBw 0 W
POWER S BOTTOM ERP STATUS: VALID MEASUREMENT; VALUE: 54.8 dBm 24.8 dBw 302 W

POWER S INSTANT ERP STATUS: VALID MEASUREMENT; VALUE: 54.8 dBm 24.8 dBw 302 W
MTL S TEST STATUS: PASS
POWER S TOP MTL STATUS: NO DISPLAY; VALUE: -70.0
POWER S BOTTOM MTL STATUS: VALID MEASUREMENT; VALUE: -75.0
POWER S INSTANT MTL STATUS: VALID MEASUREMENT; VALUE: -75.0

POWER ALL CALL TEST STATUS: PASS
POWER ALL CALL TOP ERP STATUS: NO DISPLAY; VALUE: 0.0 dBm 0.0 dBw 0 W
POWER ALL CALL BOTTOM ERP STATUS: VALID MEASUREMENT; VALUE: 54.5 dBm 24.5 dBw
282 W
POWER ALL CALL INSTANT ERP STATUS: VALID MEASUREMENT; VALUE: 54.5 dBm 24.5 dBw
282 W
MTL ALL CALL TEST STATUS: PASS
POWER ALL CALL TOP MTL STATUS: NO DISPLAY; VALUE: -70.0
POWER ALL CALL BOTTOM MTL STATUS: VALID MEASUREMENT; VALUE: -75.1
POWER ALL CALL INSTANT MTL STATUS: VALID MEASUREMENT; VALUE: -75.1

ITM REPLY DELAY TEST STATUS: PASS
ITM REPLY DELAY A STATUS: VALID MEASUREMENT; VALUE: 127.91
ITM REPLY DELAY C STATUS: VALID MEASUREMENT; VALUE: 127.91

ITM REPLY JITTER TEST STATUS: PASS
ITM REPLY JITTER A STATUS: VALID MEASUREMENT; VALUE: 0.042
ITM REPLY JITTER C STATUS: VALID MEASUREMENT; VALUE: 0.045

ITM REPLY RATIO TEST STATUS: PASS
ITM REPLY RATIO A STATUS: VALID MEASUREMENT; VALUE: 100
ITM REPLY RATIO C STATUS: VALID MEASUREMENT; VALUE: 99
ITM -81dBm A STATUS: VALID MEASUREMENT; VALUE: 0
ITM -81dBm C STATUS: VALID MEASUREMENT; VALUE: 0

ITM ADDRESS TEST STATUS: PASS
ITM ADDRESS A STATUS: VALID MEASUREMENT; VALUE: 7500DB
ITM ADDRESS C STATUS: VALID MEASUREMENT; VALUE: 7500DB

MODE S ALL CALL TEST STATUS: PASS
MODE S ALL CALL STATUS: VALID MEASUREMENT; VALUE: PASS
MODE S ALL CALL ADDRESS STATUS: VALID MEASUREMENT; VALUE: 7500DB
MODE S ALL CALL TAIL STATUS: VALID MEASUREMENT; VALUE: 9M-?
MODE S ALL CALL COUNTRY STATUS: VALID MEASUREMENT; VALUE: Malaysia

MODE S REPLY DELAY TEST STATUS: PASS
MODE S REPLY DELAY STATUS: VALID MEASUREMENT; VALUE: 128.09

MODE S REPLY JITTER TEST STATUS: PASS
MODE S REPLY JITTER STATUS: VALID MEASUREMENT; VALUE: 0.047

MODE S PULSE WIDTH TEST STATUS: PASS
MODE S PULSE WIDTH STATUS: VALID MEASUREMENT; VALUE: PASS
MODE S PULSE WIDTH 1 STATUS: VALID MEASUREMENT; VALUE: 0.501
MODE S PULSE WIDTH 2 STATUS: VALID MEASUREMENT; VALUE: 0.505
MODE S PULSE WIDTH 3 STATUS: VALID MEASUREMENT; VALUE: 0.501
MODE S PULSE WIDTH 4 STATUS: VALID MEASUREMENT; VALUE: 0.505

MODE S PULSE SPACING TEST STATUS: PASS
MODE S PULSE SPACING STATUS: VALID MEASUREMENT; VALUE: PASS
MODE S PULSE SPACING 1 STATUS: VALID MEASUREMENT; VALUE: 0.995
MODE S PULSE SPACING 2 STATUS: VALID MEASUREMENT; VALUE: 3.499
MODE S PULSE SPACING 3 STATUS: VALID MEASUREMENT; VALUE: 4.495

MODE S PULSE AMP VAR TEST STATUS: PASS
MODE S PULSE AMP VAR SHORT STATUS: VALID MEASUREMENT; VALUE: 0.2
MODE S PULSE AMP VAR LONG STATUS: VALID MEASUREMENT; VALUE: 0.2

MODE S SLS TEST STATUS: PASS
MODE S SLS ON STATUS: VALID MEASUREMENT; VALUE: NO REPLY
MODE S SLS OFF STATUS: VALID MEASUREMENT; VALUE: REPLY

MODE S SQUITTER TEST STATUS: PASS
MODE S SQUITTER DF 11 PERIOD STATUS: VALID MEASUREMENT; VALUE: 2.22
MODE S SQUITTER DF 17 DETECTED STATUS: VALID MEASUREMENT; VALUE: YES

MODE S REPLY RATIO TEST STATUS: PASS
MODE S REPLY RATIO STATUS: VALID MEASUREMENT; VALUE: 100
MODE S -81dBm REPLY RATIO STATUS: VALID MEASUREMENT; VALUE: 0

MODE S INVALID ADDRESS TEST STATUS: PASS
MODE S INVALID ADDRESS STATUS: VALID MEASUREMENT; VALUE: PASS

MODE S DIVERSITY ISOLATION TEST STATUS: NOT RUN
MODE S DIVERSITY ISOLATION STATUS: VALID MEASUREMENT; VALUE: 0.0

UFO TEST STATUS: PASS
UFO DF STATUS: VALID MEASUREMENT; VALUE: 0
UFO VS STATUS: VALID MEASUREMENT; VALUE: 0
UFO CC STATUS: VALID MEASUREMENT; VALUE: 1
UFO SL STATUS: VALID MEASUREMENT; VALUE: 2
UFO RI STATUS: VALID MEASUREMENT; VALUE: 11
UFO AC STATUS: VALID MEASUREMENT; VALUE: 009D(00235)
UFO ALTITUDE STATUS: VALID MEASUREMENT; VALUE: 125
UFO MODE C ALTITUDE COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UFO AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UFO DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF4 TEST STATUS: PASS
UF4 DF STATUS: VALID MEASUREMENT; VALUE: 4
UF4 FS STATUS: VALID MEASUREMENT; VALUE: 0
UF4 DR STATUS: VALID MEASUREMENT; VALUE: 0
UF4 UM STATUS: VALID MEASUREMENT; VALUE: 0
UF4 AC STATUS: VALID MEASUREMENT; VALUE: 009D(00235)
UF4 ALTITUDE STATUS: VALID MEASUREMENT; VALUE: 125
UF4 MODE C ALTITUDE COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF4 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF4 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF5 TEST STATUS: PASS
UF5 DF STATUS: VALID MEASUREMENT; VALUE: 5
UF5 FS STATUS: VALID MEASUREMENT; VALUE: 0
UF5 DR STATUS: VALID MEASUREMENT; VALUE: 0
UF5 UM STATUS: VALID MEASUREMENT; VALUE: 0
UF5 ID STATUS: VALID MEASUREMENT; VALUE: 0808(04010)
UF5 ID OCTAL STATUS: VALID MEASUREMENT; VALUE: 1200
UF5 MODE A ID COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF5 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF5 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF11 TEST STATUS: PASS
UF11 DF STATUS: VALID MEASUREMENT; VALUE: 11
UF11 CA STATUS: VALID MEASUREMENT; VALUE: 5
UF11 PI STATUS: VALID MEASUREMENT; VALUE: 00004F
UF11 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF11 II LOCKOUT GEN STATUS: NOT RUN; MEAS STATUS: NO DISPLAY; VALUE: 0
UF11 II STATUS: VALID MEASUREMENT; VALUE:
UF11 SI LOCKOUT GEN STATUS: NOT RUN; MEAS STATUS: NO DISPLAY; VALUE: 0
UF11 SI STATUS: VALID MEASUREMENT; VALUE:

UF16 TEST STATUS: PASS
UF16 DF STATUS: VALID MEASUREMENT; VALUE: 16
UF16 VS STATUS: VALID MEASUREMENT; VALUE: 0
UF16 SL STATUS: VALID MEASUREMENT; VALUE: 2
UF16 RI STATUS: VALID MEASUREMENT; VALUE: 2
UF16 MV STATUS: VALID MEASUREMENT; VALUE: 30000000000000
UF16 AC STATUS: VALID MEASUREMENT; VALUE: 009D(00235)
UF16 ALTITUDE STATUS: VALID MEASUREMENT; VALUE: 125
UF16 MODE C ALTITUDE COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF16 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF16 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

JF20 TEST STATUS: PASS
JF20 DF STATUS: VALID MEASUREMENT; VALUE: 20
JF20 FS STATUS: VALID MEASUREMENT; VALUE: 0
JF20 DR STATUS: VALID MEASUREMENT; VALUE: 0
JF20 UM STATUS: VALID MEASUREMENT; VALUE: 0
JF20 MB STATUS: VALID MEASUREMENT; VALUE: 10030A80E20000

UF20 AC STATUS: VALID MEASUREMENT; VALUE: 009D(00235)
UF20 ALTITUDE STATUS: VALID MEASUREMENT; VALUE: 125
UF20 MODE C ALTITUDE COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF20 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF20 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF21 TEST STATUS: PASS
UF21 DF STATUS: VALID MEASUREMENT; VALUE: 21
UF21 FS STATUS: VALID MEASUREMENT; VALUE: 0
UF21 DR STATUS: VALID MEASUREMENT; VALUE: 0
UF21 UM STATUS: VALID MEASUREMENT; VALUE: 0
UF21 MB STATUS: VALID MEASUREMENT; VALUE: 10030A80E20000
UF21 ID STATUS: VALID MEASUREMENT; VALUE: 0808(04010)
UF21 ID OCTAL STATUS: VALID MEASUREMENT; VALUE: 1200
UF21 MODE A ID COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS
UF21 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB(35200333)
UF21 DF 11 ADDRESS COMPARE STATUS: VALID MEASUREMENT; VALUE: PASS

UF24 TEST STATUS: NO REPLY
UF24 RESERVATION UF4 DF STATUS: VALID MEASUREMENT; VALUE: 20
UF24 RESERVATION UF4 IIS STATUS: VALID MEASUREMENT; VALUE: 0
UF24 RESERVATION UF4 IDS STATUS: VALID MEASUREMENT; VALUE: 0
UF24 RESERVATION UF4 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB
UF24 SEGMENTS UF24 DF STATUS: NO DISPLAY; VALUE: 0
UF24 SEGMENTS UF24 KE STATUS: NO DISPLAY; VALUE: 0
UF24 SEGMENTS UF24 ND STATUS: NO DISPLAY; VALUE: 0
UF24 SEGMENTS UF24 TAS STATUS: NO DISPLAY; VALUE: 0
UF24 SEGMENTS UF24 AA STATUS: NO DISPLAY; VALUE: 000000
UF24 CLOSEOUT UF4 DF STATUS: VALID MEASUREMENT; VALUE: 20
UF24 CLOSEOUT UF4 IIS STATUS: VALID MEASUREMENT; VALUE: 0
UF24 CLOSEOUT UF4 IDS STATUS: VALID MEASUREMENT; VALUE: 0
UF24 CLOSEOUT UF4 AA STATUS: VALID MEASUREMENT; VALUE: 7500DB

BDS 1,0 TEST STATUS: PASS
BDS 1,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,0 BDS STATUS: VALID MEASUREMENT; VALUE: 1,0
BDS 1,0 SUBNETWORK VER STATUS: VALID MEASUREMENT; VALUE: 5
BDS 1,0 ENH PROT IND STATUS: VALID MEASUREMENT; VALUE: LVL 2-4
BDS 1,0 SPEC SERV CAP STATUS: VALID MEASUREMENT; VALUE: YES
BDS 1,0 UELM CAPABILITY STATUS: VALID MEASUREMENT; VALUE: NO UELM
BDS 1,0 DELM CAPABILITY STATUS: VALID MEASUREMENT; VALUE: NO DELM
BDS 1,0 AIRCRAFT ID CAP STATUS: VALID MEASUREMENT; VALUE: YES
BDS 1,0 SURV IDENT CAP STATUS: VALID MEASUREMENT; VALUE: YES
BDS 1,0 DTE STATUS: VALID MEASUREMENT; VALUE: NO
BDS 1,0 CONT FLAG STATUS: VALID MEASUREMENT; VALUE: NO
BDS 1,0 SQUITTER CAP STATUS: VALID MEASUREMENT; VALUE: YES

3DS 2,0 TEST STATUS: PASS
3DS 2,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
3DS 2,0 BDS STATUS: VALID MEASUREMENT; VALUE: 2,0
3DS 2,0 FLIGHT ID STATUS: VALID MEASUREMENT; VALUE: POLIS12A

3DS 3,0 TEST STATUS: PASS
3DS 3,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
3DS 3,0 BDS STATUS: VALID MEASUREMENT; VALUE: 3,0
3DS 3,0 ARA STATUS: VALID MEASUREMENT; VALUE: 00000000000000
3DS 3,0 RAC STATUS: VALID MEASUREMENT; VALUE: 0000
3DS 3,0 RAT STATUS: VALID MEASUREMENT; VALUE: 0

3DS 1,7 TEST STATUS: PASS
3DS 1,7 DF STATUS: VALID MEASUREMENT; VALUE: 20
3DS 1,7 BDS STATUS: ENABLE
3DS 1,7 0,5 STATUS: ENABLE
3DS 1,7 0,6 STATUS: ENABLE
3DS 1,7 0,7 STATUS: ENABLE
3DS 1,7 0,8 STATUS: ENABLE
3DS 1,7 0,9 STATUS: ENABLE
3DS 1,7 0,A STATUS: ENABLE
3DS 1,7 2,0 STATUS: ENABLE
3DS 1,7 2,1 STATUS: DISABLE
3DS 1,7 4,0 STATUS: ENABLE
3DS 1,7 4,1 STATUS: DISABLE

BDS 1,7 4,2 STATUS: DISABLE
BDS 1,7 4,3 STATUS: DISABLE
BDS 1,7 4,4 STATUS: DISABLE
BDS 1,7 4,5 STATUS: DISABLE
BDS 1,7 4,8 STATUS: DISABLE
BDS 1,7 5,0 STATUS: ENABLE
BDS 1,7 5,1 STATUS: DISABLE
BDS 1,7 5,2 STATUS: DISABLE
BDS 1,7 5,3 STATUS: ENABLE
BDS 1,7 5,4 STATUS: DISABLE
BDS 1,7 5,5 STATUS: DISABLE
BDS 1,7 5,6 STATUS: DISABLE
BDS 1,7 5,F STATUS: ENABLE
BDS 1,7 6,0 STATUS: ENABLE

BDS 1,8 TEST STATUS: PASS
BDS 1,8 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,8 BDS STATUS: ENABLE
BDS 1,8 VALUE: 00800089C083F0

BDS 1,9 TEST STATUS: PASS
BDS 1,9 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,9 BDS STATUS: ENABLE
BDS 1,9 VALUE: 0013C004800080

BDS 1,A TEST STATUS: PASS
BDS 1,A DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,A BDS STATUS: ENABLE
BDS 1,A VALUE: 00000000000000

BDS 1,B TEST STATUS: PASS
BDS 1,B DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,B BDS STATUS: ENABLE
BDS 1,B VALUE: 00000000000000

BDS 1,C TEST STATUS: PASS
BDS 1,C DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 1,C BDS STATUS: ENABLE
BDS 1,C VALUE: 0000000000004C

BDS 4,0 TEST STATUS: PASS
BDS 4,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 4,0 MCU/FCU SEL ALT STATUS: VALID MEASUREMENT; VALUE: 17008
BDS 4,0 BARO PRES SET STATUS: VALID MEASUREMENT; VALUE: 1013.0

BDS 5,0 TEST STATUS: PASS
BDS 5,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 5,0 ROLL ANGLE STATUS: VALID MEASUREMENT; VALUE: -0.5
BDS 5,0 TRUE TRACK ANGLE STATUS: VALID MEASUREMENT; VALUE: -115.6
BDS 5,0 GROUND SPEED STATUS: VALID MEASUREMENT; VALUE: 0
BDS 5,0 TRACK ANGLE RATE STATUS: VALID MEASUREMENT; VALUE: 0.00
BDS 5,0 TRUE AIR SPEED STATUS: VALID MEASUREMENT; VALUE: 42

BDS 6,0 TEST STATUS: PASS
BDS 6,0 DF STATUS: VALID MEASUREMENT; VALUE: 20
BDS 6,0 MAGNETIC HEADING STATUS: VALID MEASUREMENT; VALUE: -114.7
BDS 6,0 IND AIR SPEED STATUS: VALID MEASUREMENT; VALUE: 36
BDS 6,0 MACH NO STATUS: VALID MEASUREMENT; VALUE: 0.060
BDS 6,0 INERT VERT VEL STATUS: VALID MEASUREMENT; VALUE: 0
BDS 6,0 BARO ALT RATE STATUS: VALID MEASUREMENT; VALUE: 0

ALTITUDE ENCODER TEST STATUS: NOT RUN
ALTITUDE ENCODER STATUS: VALID MEASUREMENT; VALUE: 0
ALTITUDE ENCODER BITS STATUS: VALID MEASUREMENT; VALUE: 0
ALTITUDE ENCODER ID STATUS: NO DISPLAY; VALUE: 0000
ALTITUDE ENCODER IDENT STATUS: NO DISPLAY; VALUE: 0



From: VIJI NAVARETNAM

Director of Maintenance / Maintenance Manager
Cessna Aircraft Service Center (Singapore)
6 Seletar Aerospace Heights, Singapore 797545

To: GALAXY AEROSPACE SDN BHD

Suite 11-14 Helicopter Centre
Malaysia International Aerospace Centre
Subang, SEL 47200

Subject: AFTERMARKET PROPOSAL No. 00066165 R3 // 9M-PTA FL-587

Based on the initial request from Galaxy Aerospace to Textron Aviation for installation of SB34-4150 on FL-587 (9M-PTA), Cessna Aircraft Service Center (Singapore) has deviated from the NOTE on SB34-4150 regarding Textron Aviation Owned Service Centers being the only facilities that can complete the Installation. Cessna Aircraft Service Center (Singapore) has approved field installation of SB34-4150 due to the inability of the owner/operator to fly the aircraft to Cessna Aircraft Service Center based in Singapore.

With regards to Aftermarket Proposal 00066165R3, ADSB-Out Installation in accordance with Service Bulletin 34-4150 NAVIGATION - INTRODUCTION OF AUTOMATIC DEPENDENT SURVEILLANCE - BROADCAST OUT (ADS-B OUT) INSTALLATION KIT, Textron Singapore will only provide services in the form of technical supervision and parts supply on the King Air (FL-587). As a result, Galaxy Aerospace is responsible for the installation and certification of the work performed. Furthermore, Cessna Aircraft Service Center (Singapore) shall bear no liability with regards to the workmanship associated with the installation of the system.



A handwritten signature in blue ink, appearing to be 'Viji Navaretnam', written over a horizontal line.

Viji Navaretnam
Director of Maintenance / Maintenance Manager
Cessna Aircraft Service Center
vnavaretnam@txtav.com
P +65.6690.9707 | M +65.9459.5796

SERVICEABLE



Galaxy Aerospace
maintenance . repair . overhaul

ITEM ID:	57454	
DESCRIPTION:	KIT-TRANSPONDER	
PART NO:	101-3416-0001	QTY: 1.00
SERIAL NO:	447	BIN: --
CONDITION:	NE	LOCATION: KING AIR RACK
TSN:	N/A	TSO: N/A
SHELF DUE / EXP DATE:	N/A	
JOB ID: 0	PO ID: 7463	SIGN:  15/12/2023
GIN / ID. NO: GIN5119	APPROVAL: 	

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 1319226	
4. Organization Name and Address: Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215				5. Work Order/Contract/Invoice Number: 4127404		
6. Item: 3	7. Description: KIT- TRANSPONDER	8. Part Number: 101-3416-0001	9. Quantity: 1	10. Serial Number: 447	11. Status/Work: New	
12. Remarks: PO#: 07473457						
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature: <i>Randy Malcolm</i>		13c. Approval/Authorization No.: PC4		14b. Authorized Signature		14c. Approval/Certificate No.:
13d. Name (Typed or Printed): RANDY MALCOLM		13e. Date (dd/mm/yyyy): 09/Nov/2020		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):
User/Installer Responsibilities						
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.</p> <p>Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.</p> <p>Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p>						
FAA Form 8130-3 (02-14)				NSN: 0052-00-012-9005		

SERVICEABLE



ITEM ID: 57669


DESCRIPTION: A/C TRANSPONDER

PART NO:	622-9210-501	QTY:	1.00
SERIAL NO:	4L0KML	BIN:	--
CONDITION:	NE	LOCATION:	KING AIR RACK
TSN:	N/A	TSO:	N/A

SHELF DUE / EXP DATE: N/A

JOB ID:	0	PO ID:	7463	SIGN:  15/12/2023
GIN / ID. NO:	GIN5119	APPROVAL:		

N^o 1

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 1534552	
4. Organization Name and Address TEXTRON AVIATION INC. One Cessna Blvd., Wichita, KS. 67215 Production Certificate Number: PC4				5. Work Order/Contract/Invoice Number: 4904925		
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	TRANSPONDER, ATC/MODE S TDR	622-9210-501	1	4L0KML	NEW	
12. Remarks: NEW TO CIT						
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature: 		13c. Approval/Authorization No.: PC 4	14b. Authorized Signature:		14c. Approval/Certificate No.:	
13d. Name (Typed or Printed): CALVIN L SUTHER		13e. Date (dd/mmm/yyyy): 02/AUG/2022	14d. Name (Typed or Printed):		14e. Date (dd/mmm/yyyy):	
User/Installer Responsibilities						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						


SERVICEABLE

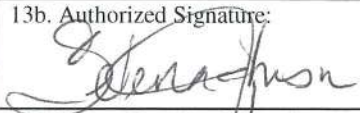


Galaxy Aerospace
maintenance • repair • overhaul

ITEM ID:	57452	
DESCRIPTION:	ATC TRANSPONDER	
PART NO:	622-9210-501	QTY: 1.00
SERIAL NO:	4KDDY9	BIN: --
CONDITION:	NE	LOCATION: KING AIR RACK
TSN:	N/A	TSO: N/A
SHELF DUE / EXP DATE:	N/A	
JOB ID:	0	PO ID: 7463
GIN / ID. NO:	GIN5119	APPROVAL:
		 15/12/2023
		

GAM/E-005 Rev 2 (01/21)

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 1544459	
4. Organization Name and Address TEXTRON AVIATION INC. One Cessna Blvd., Wichita, KS. 67215 Production Certificate Number: PC4				5. Work Order/Contract/Invoice Number: 4978602		
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	TRANSPONDER, ATC/ MODE S TDR-BE300 FL- 587	622-9210-501	1	4KDDY9	NEW	
12. Remarks: AUTHORIZED RELEASE DOCUMENT NEW TO CIT CUSTOMER P.O. NUMBER: 08453685						
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.				14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.		
13b. Authorized Signature: 		13c. Approval/Authorization No.: PC 4	14b. Authorized Signature:		14c. Approval/Certificate No.:	
13d. Name (Typed or Printed): DEISLYN EDWARDS		13e. Date (dd/mmm/yyyy): 26/SEPT/2022	14d. Name (Typed or Printed):		14e. Date (dd/mmm/yyyy):	
User/Installer Responsibilities						
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.</p> <p>Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.</p> <p>Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p>						

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 106105153	
4. Organization Name and Address: Rockwell Collins, Inc. U.S.A. 1100 West Hibiscus Boulevard Melbourne, Florida 32901, U.S.A.		PMA: PQ1024CE TSO: PT1024CE		5. Work Order/Contract/Invoice Number: PO No: 3317673		
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
000010	TRANSPONDER, ATC / MODE S TDR-94D	622-9210-501	1	4KDDY9	NEW	
12. Remarks: AIRWORTHINESS APPROVAL Item Numbers refer to numbers on Delivery Document TSO C112d Level 2adens Class 1, C166b Class A2-Transmitting Only DD#809111792						
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature: 		13c. Approval/Authorization No.: ODA-500864-CE	14b. Authorized Signature:		14c. Approval/Certificate No.:	
13d. Name (Typed or Printed) Selena Johnson		13e. Date (dd/mmm/yyyy): 23/MAR/2022	14d. Name (Typed or Printed):		14e. Date (dd/mmm/yyyy):	
User/Installer Responsibilities						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						

SERVICEABLE



GalaxyAerospace
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ITEM ID:	56050		
DESCRIPTION:	TERMINAL: SPLICE,INSULATED, BUTT,20-16AWG,BLU,CU		
PART NO:	M81824-1-2	QTY:	30.00
SERIAL NO:		BIN:	E-21. --
CONDITION:	NE	LOCATION:	WAREHOUSE BONDED
TSN:	N/A	TSO:	N/A
SHELF DUE / EXP DATE:	N/A		
JOB ID:	12816	PO ID:	
GIN / ID. NO:	GiN4941	APPROVAL:	
			
			17/10/2023

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Boeing Distribution Services Inc.
P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2800 • Fax: 305.507.7191
Plant Location: 3760 W. 109th Street, Miami, FL 33018 • SITA: MIAMMCR
www.BoeingDistribution.com

Shipped From: 3760 W. 109TH ST DOOR B, MIAMI, FL 33018


Material Certification

The items set forth on the purchase order referred to below have been visually inspected and the dimensions thereof have been measured by us, and based on the aforesaid, as well as the representation made to us by the manufacturers of the items subject of such purchase order, we hereby certify that such items are in conformity with all current governmental and manufacturer's requirements, specifications, drawings, and conform to the purchase order requirements. Said items are in new condition and have not been obtained from any U.S. Government or Military source and are traceable to Boeing Distribution Services.

FIRM: BOEING DISTRIBUTION, INC.

PURCHASE ORDER#: 46603019001

LINE#	QUANTITY	D/M	PART-NUMBER	CUST REF#	LOT-NUMBER	MANUFACTURER	CCODE	Eff Date	EXP DATE
01	4280	EA	M81824-1-2		W01791460007	SUMITOMO ELECTRIC	LJX75		
BDSI CTRL/LOT # :20220804Y9									


Michelle Suggs
Quality Leader

Inv 8KPBH97 09/01/22




TEST REPORT AND CERTIFICATE OF CONFORMANCE

CUSTOMER : Boeing Distribution Svcs, Inc. FL
ITEM : 189-10492
QTY : 11000
DRAWING : H-CR-436-XX (36-38)
REVISION : B
PRODUCT : STS H-CR-436-37 CRIMP
 Splice electric permanent crimp style copper insulated
 environment resistant, qualified to SAE AS81824/1
CAGE CODE 1JX75 M81824/1-2
MERCURY FREE PRODUCTS
 RoHS compliant
 M81824/1-2 rev A
MIL P/N : M81824/1-2

PO# : 00P4812
SO# : 180506
T/R# : 351294
T/R DATE : 5/05/22
PICK# : 287244
SEIP LOT : W01781460007
 1781460
 220311G01
DOM : 3/11/22
DOE : Indefinite

TEST ITEM	REQUIREMENT	RESULTS
Visual and dimensional sleeve		
Sealing sleeve length	1.050 -- 1.150	1.121 -- 1.144
Insert spacing	.950 MIN.	.992 -- 1.065
ID as received	.110 MIN.	.149 -- .155
Crimp		
Length (C)	.565 -- .585	.575 -- .575
O.D.(oB)	.100 -- .107	.102 -- .102
I.D. (oA)	.063 -- .070	.066 -- .066
Dimension (D)	.260 -- .280	.270 -- .272
Dimension (E)	.020 MAX.	.014 -- .015
Inspection window	.080 -- .110	.091 -- .092
Materials		
Insulation Sleeve	Heat Shrinkable radiation crosslinked, modified polyvinylidene fluoride, transparent blue	PASS
Sealing ring	Immersion resistant thermoplastic, color clear	PASS
Sealing ring	Immersion resistant thermoplastic, color red blue or yellow	PASS
Crimp splice	Base metal: copper alloy 101 or 102 per ASTM B 75 ; Finish: Tin plating per ASTM B 545 Class A	PASS

Continued...

SERVICEABLE			GalaxyAerospace maintenance . repair . overhaul
ITEM ID:	55133		
DESCRIPTION:	TWISTED SHIELDED PAIR CABLE		
PART NO:	M27500-22TE2T14	QTY:	1000.00
SERIAL NO:		BIN:	--
CONDITION:	NE	LOCATION:	KING AIR RACK
TSN:	N/A	TSO:	N/A
SHELF DUE / EXP DATE:	N/A		
JOB ID:	0	PO ID:	7158
GIN / ID. NO:	GIN4821	APPROVAL:	 21/09/2023
			

GAM/E-005 Rev 2 (01/21)

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 8914629	
4. Organization Name and Address: Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215					5. Work Order/Contract/Invoice Number: 5462650		
6. Item: 40	7. Description: CABLE 2COND TWISTED- SHIELD	8. Part Number: M27500-22TE2T14	9. Quantity: 1000	10. Serial Number: N/A	11. Status/Work: New		
12. Remarks: PO#: PO-23-7158							
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.				
13b. Authorized Signature: 		13c. Approval/Authorization No.: PC4	14b. Authorized Signature:	14c. Approval/Certificate No.:			
13d. Name (Typed or Printed): DAVID J. MILLER		13e. Date (dd/mm/yyyy): 18/Sep/2023	14d. Name (Typed or Printed):	14e. Date (dd/mm/yyyy):			
User/Installer Responsibilities							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.							

SERVICEABLE



Galaxy Aerospace
maintenance . repair . overhaul

ITEM ID:	44380		
DESCRIPTION:	PIN CONTACT		
PART NO:	030-2259-000	QTY:	15.00
SERIAL NO:		BIN:	--
CONDITION:	NE	LOCATION:	KING AIR WAREHOUSE
TSN:		TSO:	
SHELF DUE / EXP DATE:			
JOB ID:	12509	PO ID:	SIGN:
GIN / ID. NO:	GiN3796	APPROVAL:	 30/08/2022



GAM/E-005 Rev 2 (01/21)

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number 8411658	
4. Organization Name and Address: Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215				5. Work Order/Contract/Invoice Number: 4936841		
6. Item: 10	7. Description: CONTACT	8. Part Number: 030-2259-000	9. Quantity: 10	10. Serial Number: N/A	11. Status/Work: New	
12. Remarks: <p style="text-align: center;">PO#: PO-22-5772</p>						
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 12.				14. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12. Certifies that unless other was specified in Block 12, the work identified in Block 11 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.		
13b. Authorized Signature: 		13c. Approval/Authorization No.: PC4		14b. Authorized Signature	14c. Approval/Certificate No.:	
13d. Name (Typed or Printed): CHRIS DENTON		13e. Date (dd/mm/yyyy): 25/Aug/2022		14d. Name (Typed or Printed):	14e. Date (dd/mm/yyyy):	
User/Installer Responsibilities						
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller article.</p> <p>Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.</p> <p>Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p>						

SERVICEABLE



Galaxy Aerospace
maintenance · repair · overhaul

ITEM ID:	55130		
DESCRIPTION:	CONTACT PIN		
PART NO:	372-2514-110	QTY:	50.00
SERIAL NO:		BIN:	K-B-6-12
CONDITION:	NE	LOCATION:	KING AIR RACK
TSN:	N/A	TSO:	N/A
SHELF DUE / EXP DATE:	N/A		
JOB ID:	0	PO ID:	7158
GIN / ID. NO:	GIN4834	APPROVAL:	 22/09/2023



GAM/E-005 Rev 2 (01/21)

1. Approving Civil Aviation Authority Country FAA/United States		AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number 8914629	
4. Organization Name and Address Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215					5. Work Order Contract Invoice Number 5460436		
6. Item 10	7. Description CONTACT	8. Part Number 372-2514-110	9. Quantity 10	10. Serial Number N/A	11. Status Work New		
12. Remarks PO#: PO-23-7158							
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 12.				13a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature 		13c. Approval Authorization No. PC4		14b. Authorized Signature		14c. Approval Certificate No.:	
13d. Name (Typed or Printed) TERRY WEEKS		13e. Date (dd/mm/yyyy) 15/Sep/2023		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):	
User/Installer Responsibilities							
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article</p> <p>Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1</p> <p>Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p>							

SERVICEABLE



GalaxyAerospace
maintenance . repair . overhaul

ITEM ID: 55919

DESCRIPTION: SHIELD

PART NO: M83519/2-8

QTY: 10.00

SERIAL NO:

BIN: **K-B-10-09** --

CONDITION: NE

LOCATION: KING AIR RACK

TSN: N/A

TSO: N/A

SHELF DUE / EXP DATE: N/A

JOB ID: 12816

PO ID:

SIGN:

GIN / ID. NO: GIN4919

APPROVAL:



[Handwritten signature]

12/10/2023

GAM/E-005 Rev 2 (01/21)



2/3/2022

TEST REPORT AND CERTIFICATE OF CONFORMANCE

CUSTOMER : SEA Wire & Cable-AL	PO# : 4109390
ITEM : 189-10491	SO# : 189410
	T/R# : 343856
QTY : 12500	T/R DATE : 1/26/22
DRAWING : H-CR-436-XX (36-38)	PICK# : 282957
REVISION : B	SHIP LOT : W01623402004
PRODUCT : STS H-CR-436-36 CRIMP	1623407
Splice electric permanent crimp style copper insulated	200612001
environment resistant, qualified to SAE AS81824/1	DOM : 6/12/20
CAGE CODE 1X75 MB1824/1	DOE : Indefinite
MERCURY FREE PRODUCTS	
RoHS compliant	
MIL P/N : MB1824/1-1	

TEST ITEM	REQUIREMENT	RESULTS
VISUAL AND DIMENSIONAL SLEEVE		
Component length	1.050 -- 1.150	1.097 -- 1.109
Insert spacing	.950 MIN.	1.002 -- 1.070
ID as received	.085 MIN.	.115 -- .127
CRIMP		
Length (C)	.450 -- .510	.500 -- .501
O.D. (aR)	.075 -- .080	.079 -- .079
I.D. (aA)	.045 -- .053	.046 -- .046
Dimension (D)	.225 -- .245	.236 -- .238
Dimension (E)	.015 MAX.	.014 -- .014
Inspection window	.080 -- .110	.094 -- .095
MATERIALS		
Insulation Sleeve	Heat Shrinkable radiation crosslinked, modified polyvinylidene fluoride, transparent blue	PASS
Sealing ring	Immersion resistant thermoplastic, color clear	PASS
Sealing ring	Immersion resistant thermoplastic, color red blue or yellow	PASS
Crimp splice	Base metal: copper alloy 101 or 102 per ASTM B 75 ; Finish: Tin plating per ASTM B 545 Class A Color coding: Per table of dimensions	PASS

Continued...

ORIGINAL ISSUE



22-h-2 600-065601H


SERVICEABLE



Galaxy Aerospace
maintenance • repair • overhaul

ITEM ID: 30618	
DESCRIPTION: PIN	
PART NO: M39029/4-110	QTY: 14.00
SERIAL NO: N/A	BIN: KB-06-12
CONDITION: NE	LOCATION: KING AIR RACK
TSN:	TSO:
SHELF DUE / EXP DATE:	
JOB ID: 0	PO ID: 3827
GIN / ID. NO: GIN2164	APPROVAL: 
SIGN:  18/10/2021	

GAM/E-005 Rev 2 (01/21)

1. Approving Civil Aviation Authority Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 7943013	
4. Organization Name and Address: Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215				5. Work Order Contract Invoice Number: 4521080		
6. Item: 80	7. Description: PIN	8. Part Number: M39029/4-110	9. Quantity: 25	10. Serial Number: N/A	11. Status Work: New	
12. Remarks: PO#: PO-21-3827						
13a. <input checked="" type="checkbox"/> Correctly identified/verified manufactured components to: <input checked="" type="checkbox"/> Approved design data in an approved design section <input type="checkbox"/> Non-approved design data specified in Block 12			13b. <input type="checkbox"/> 14 CFR 43.9 Return to Service - <input type="checkbox"/> Other regulation specified in Block 12 Certify that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13c. Authorized Signature: 		13d. Approval Authorization No: PC4		13e. Authorized Signature		13f. Approval Certificate No.
13g. Name (Typed or Printed): DAN J. EHMKE		13h. Date (mm/dd/yyyy): 12/Oct/2021		13i. Name (Typed or Printed):		13j. Date (mm/dd/yyyy):
13k. Installer Responsibilities						

SERVICEABLE



GalaxyAerospace
maintenance, repair, overhaul

ITEM ID:	55134	
DESCRIPTION:	WIRE, WHITE 22 AWG	
PART NO:	M22759/16-22-9	QTY: 10.00
SERIAL NO:		BIN: K-B-11-03 --
CONDITION:	NE	LOCATION: KING AIR RACK
TSN:	N/A	TSO: N/A
SHELF DUE / EXP DATE:	N/A	
JOB ID:	0	PO ID: 7158
GIN / ID. NO:	GiN4817	APPROVAL: 
		SIGN:  20/09/2023

GAM/E-005 Rev 2 (01/21)

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 8914629	
4. Organization Name and Address: Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215				5. Work Order/Contract/Invoice Number: 5460434		
6. Item: 50	7. Description: WIRE, WHITE 22 AWG	8. Part Number: M22759/16-22-9	9. Quantity: 10	10. Serial Number: N/A	11. Status/Work: New	
12. Remarks: PO#: PO-23-7158						
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12. Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature: 		13c. Approval/Authorization No.: PC4		14b. Authorized Signature: 		
13d. Name (Typed or Printed): DEISLYN EDWARDS		13e. Date (dd/mm/yyyy): 15/Sep/2023		14c. Approval/Certificate No.:		
14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):				
User/Installer Responsibilities						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						
FAA Form 8130-3 (02-14)			NSN: 0052-00-012-9005			

SERVICEABLE



Galaxy Aerospace
maintenance . repair . overhaul

ITEM ID: 57453

DESCRIPTION: KIT-INSTALLATION

PART NO: 101-3417-0001 QTY: 1.00

SERIAL NO: 258 BIN: --

CONDITION: NE LOCATION: KING AIR RACK

TSN: N/A TSO: N/A

SHELF DUE / EXP DATE: N/A

JOB ID: 0 PO ID: 7463

SIGN:



GIN / ID. NO: GiN5119

APPROVAL:



14/12/2023

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 1319226	
4. Organization Name and Address: Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215				5. Work Order/Contract/Invoice Number: 4127404		
6. Item: 4	7. Description: KIT INSTALLATION	8. Part Number: 101-3417-0001	9. Quantity: 1	10. Serial Number: 258	11. Status/Work: New	
12. Remarks: PO#: 07473457						
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature: <i>Randy Malcolm</i>		13c. Approval/Authorization No.: PC4	14b. Authorized Signature	14c. Approval/Certificate No.:		
13d. Name (Typed or Printed): RANDY MALCOLM		13e. Date (dd/mm/yyyy): 09/Nov/2020	14d. Name (Typed or Printed):	14e. Date (dd/mm/yyyy):		
User/Installer Responsibilities						
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.</p> <p>Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.</p> <p>Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p>						

29023038
S/N 258

Display material BOM: General Item Overview

Subitems | Header | Validity

Material: 101-3417-0001 KIT INSTALL
Plant: 4000 Cessna Aircraft - Wichita
Alternative BOM: 1

Material | Document | General

Item	IC	Component	Component...	Function ID	Quantity	Un	A...	S...	Valid From	Valid to	Change No.	P...	SortStrng	Item ID	Chg No. To	G.. Document
0010	L	101-3417	COPY OF DR...		1	EA			01/01/2002	12/31/9999	ECCDATE			00000001		

Position...

Initial

Entry

1 / 1

N / REMOVAL INSTRUCTIONS:

ITS ENTIRETY BEFORE MAKING ANY MODIFICATIONS

WER FROM THE AIRCRAFT AND DISCONNECT THE
AND NOTICES PROHIBITING RECONNECTION OF
WER.

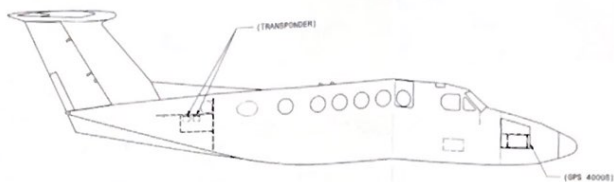
BEFORE MAKING MODIFICATIONS TO WIRING.

WIRING SEE FIGURES 1.1, 1.2, 1.3, 1.4
FOR LOCATION OF AIRCRAFT EQUIPMENT,
IF ZONE 74(1).

RECT BATTERIES AND RESTORE EXTERNAL POWER TO
TO VERIFY SYSTEM OPERATION BY PERFORMING
FINAL TEST PER AMM CHAPTER 24. REMOVE DISPLAYED
WIRING RECONNECTION OF AIRPLANE ELECTRICAL.

CTIONAL TESTING PER AMM CHAPTER 24 55 DC.

OK ENTRIES, NOTING THE KIT NUMBER AND SERIAL



SIDE VIEW OF AIRCRAFT
LOOKING TO RIGHT HAND SIDE

- 0001 KIT TRANSPODER WITH ENHANCED SURVEILLANCE AND
DO 2908 (ADS B OUT) INSTALLATION PROVISIONS
- 0002 KIT TRANSPODER WITH ENHANCED SURVEILLANCE AND
DO 2908 (ADS B OUT) INSTALLATION PROVISIONS

QTY	REF	DESCRIPTION	UNIT	NOTE	ZONE
31	25	DUAL WALL INSULATING CAP		PG CAP 1/8	
REF	REF	INSERTION TOOL		CIET 20-11 OR EQUIVALENT	
REF	REF	CRIMPING/LOCATOR TOOL		M09029/1 01 OR EQUIVALENT	
6	2	SOCKET		M09029/5-115	
4		PIN		M09029/4-110	
12	4	SHIELD TERMINATION		M03019/2-8	
2000'	1000'	TWISTED SHIELDED PAIR CABLE		M27800-22E2T14	
19	18	SPLICE		M01824/1-2	
100'	100'	WIRE		M22759/16-22-9	
1	1	COPY OF PRINT		101-3417	
		KIT TRANSPODER WITH ENHANCED SURVEILLANCE AND DO 2908 (ADS B OUT) INSTALLATION PROVISIONS		0001	10E/1
		KIT TRANSPODER WITH ENHANCED SURVEILLANCE AND DO 2908 (ADS B OUT) INSTALLATION PROVISIONS		0002	10E/1
0003	0001	SYM		NOMENCLATURE OR DESCRIPTION	ODEE IDENT PART OR IDENTIFYING NUMBER DASH NO. SPECIFICATION MATERIAL OR NOTE ZONE

LIST OF MATERIALS OR PARTS LIST

KIT 101-3417-0001

THIS KIT PROVIDES INFORMATION REQUIRED TO ACCOMMODATE
PROVISIONS FOR THE INSTALLATION OF TRANSPODER WITH
ENHANCED SURVEILLANCE AND DO 2908 (ADS B OUT) FOR
AIRCRAFT INSTALLED WITH SINGLE SPS ON THE FOLLOWING
SERIALS IN SERVICE AIRCRAFT:
8300 (8260C/8200T/8300/8300C
8300 SERIAL NUMBER: 801709, 801834, 801843 AND AFTER
8300C SERIAL NUMBER: 8L148 AND AFTER
8300T SERIAL NUMBER: 8Y1 THRU 8Y208, 8Y208 THRU
8Y208, 8Y243 THRU 8Y248
8300 SERIAL NUMBER: FL387, FL388 THRU FL392, FL395
THRU FL1002, FL1011 THRU FL1030
8300C SERIAL NUMBER: FW12 THRU FW65

KIT 101-3417-0002

THIS KIT PROVIDES INFORMATION REQUIRED TO ACCOMMODATE
PROVISIONS FOR THE INSTALLATION OF TRANSPODER WITH
ENHANCED SURVEILLANCE AND DO 2908 (ADS B OUT) FOR
AIRCRAFT INSTALLED WITH DUAL SPS ON THE FOLLOWING
SERIALS IN SERVICE AIRCRAFT:
8300 (8260C/8200T/8300/8300C
8300 SERIAL NUMBER: 801709, 801834, 801843 AND AFTER
8300C SERIAL NUMBER: 8L148 AND AFTER
8300T SERIAL NUMBER: 8Y1 THRU 8Y208, 8Y208 THRU
8Y208, 8Y243 THRU 8Y248
8300 SERIAL NUMBER: FL387, FL388 THRU FL392, FL395
THRU FL1002, FL1011 THRU FL1030
8300C SERIAL NUMBER: FW12 THRU FW65

SUGGESTED TOOL LIST				
CONTACT/TERMINAL	CRIMPING TOOL	LOCATOR TOOL	INSERTION TOOL	EXTRACTION TOOL
M09029/4-110	M22520/1 01 OR EQUIVALENT	M22520/1 01 OR EQUIVALENT	CIET 20-11 OR EQUIVALENT	CIET 20-11 OR EQUIVALENT
M09029/5-115	M22520/1 01 OR EQUIVALENT	M22520/1 01 OR EQUIVALENT	CIET 20-11 OR EQUIVALENT	CIET 20-11 OR EQUIVALENT

NOTICE

ALL COMPANY KITS, UNLESS OTHERWISE DESIGNATED, ARE APPROVED
FOR INSTALLATION ON COMPANY AIRPLANES IN ORIGINAL OR MODIFIED
CONFIGURATIONS ONLY. COMPANY KITS MAY NOT BE COMPATIBLE WITH
AIRCRAFT MODIFIED BY OTC INSTALLATIONS OR MODIFICATIONS OTHER
THAN COMPANY APPROVED KITS.

DELTA NOTE	R	DESCRIPTION	DATE	BY
GENERAL NOTE	6			
SECTION	N/A			
VIEW				
DATE LAST USED				

FIELD SERVICE KIT

Boeing

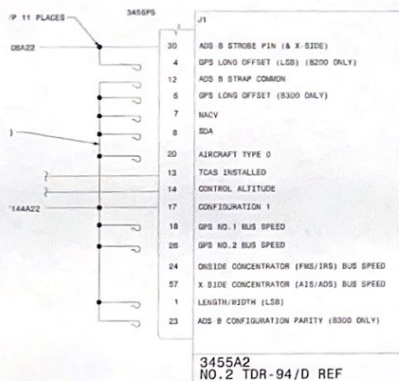
KIT TRANSPODER WITH ENHANCED
SURVEILLANCE AND DO 2908 (ADS B OUT)
INSTALLATION PROVISIONS

101-3417

JLNB 13060 1 CAT3 DRAWING



TRANSPONDER NO. 1 STRAPPING
FIGURE 1.3



TRANSPONDER NO. 2 STRAPPING
FIGURE 1.4

GENERAL NOTES:

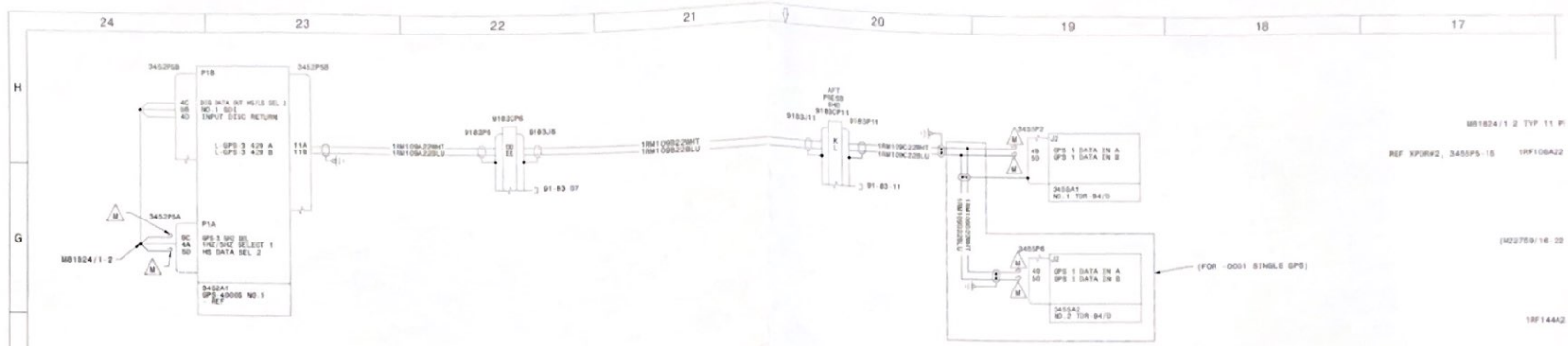
- ENGINEERING DATA WITHIN THIS KIT IS FAA APPROVED PRIOR TO INSTALLATION. OWNERS/OPERATORS OF AIRCRAFT REGISTERED IN COUNTRIES OTHER THAN THE UNITED STATES SHOULD CONSULT WITH THEIR LOCAL CIVIL AVIATION AUTHORITY CONCERNING APPROVAL.
- THIS MODIFICATION IS MINOR PER 14 CFR 21.39 AND FAA ORDER 8110.52.
- ALL KITS ARE TO BE ASSIGNED A KIT SERIAL NUMBER.
- WEIGHT AND BALANCE INFORMATION: NEGLIGIBLE WEIGHT AND MOMENT. NO ADJUSTMENT IN THE SHIPMENT DECLARATION WEIGHT AND BALANCE RECORD IS REQUIRED. IN ADDITION, COMPLIANCE WITH 14 CFR PART 23.1083(c)(1)(ii) MUST BE MAINTAINED (OPERATING LIMITATIONS).
- THIS IS A DELIVERABLE KIT FROM INITIAL DRAWING RELEASE.
- EXISTING WIRE OR EQUIPMENT:
NEW WIRE OR EQUIPMENT:
SHIELD GROUNDING: SHIELD GROUNDING FROM WIRES THAT ARE TERMINATED IN CONNECTORS HAND MOUNTED TO EQUIPMENT RACKS WILL BE GROUND TO THAT PIECE OF EQUIPMENT MOUNT. THESE SHIELD GROUND POINTS WILL NOT HAVE A REFERENCE DESIGNATOR.
- ACTUAL AIRCRAFT WIRE ROUTING IS TO BE USED FOR DETERMINING APPROPRIATE WIRE LENGTHS TO BE CUT FROM THE BULK WIRE. THE INSTALLING AGENT IS RESPONSIBLE TO CUT THE WIRES TO APPROPRIATE LENGTHS AND CODE THE CUT WIRES AS SHOWN ON THE FACE OF THIS KIT DRAWING.
- FIGURES ON THIS KIT ARE NUMBERED USING SHEET NUMBER AND A NONSIGNIFICANT SEQUENTIAL NUMBER. FOR EXAMPLE, "FIGURE 1.1" WOULD BE THE FIRST FIGURE LOCATED ON SHEET 1.

DELTA NOTES:

- ⚠ DELETED
- ⚠ DELETED
- ⚠ DELETED
- ⚠ DELETED
- ⚠ DELETED
- ⚠ DELETED
- ⚠ DELETED
- ⚠ NOT FURNISHED WITH THIS KIT, OBTAIN LOCALLY.
- ⚠ DELETED
- ⚠ SPLICE INTO EXISTING WIRE AS SHOWN ON RELEVANT FIGURE.
- ⚠ SPLICE TO BE WITHIN 6 INCHES OF CONNECTOR.
- ⚠ CAP AND STOW WIRE USING PD CAP 118.
- ⚠ PART NUMBER OF DUAL WALL INSULATING CAP, CASE CODE: 06090
- ⚠ TRANSPONDER & GPS 4000 OHMS AS REFERENCE ONLY, SEE KIT 101-9416 FOR FINAL INSTALLATION INSTRUCTIONS.
- ⚠ IF UPON INSTALLATION PIN NUMBER ALLOCATED ARE USED IT IS ACCEPTABLE TO SELECT APPROPRIATE PIN NUMBER ALTERNATIVES THAT ARE AVAILABLE WITHIN CONNECTOR.

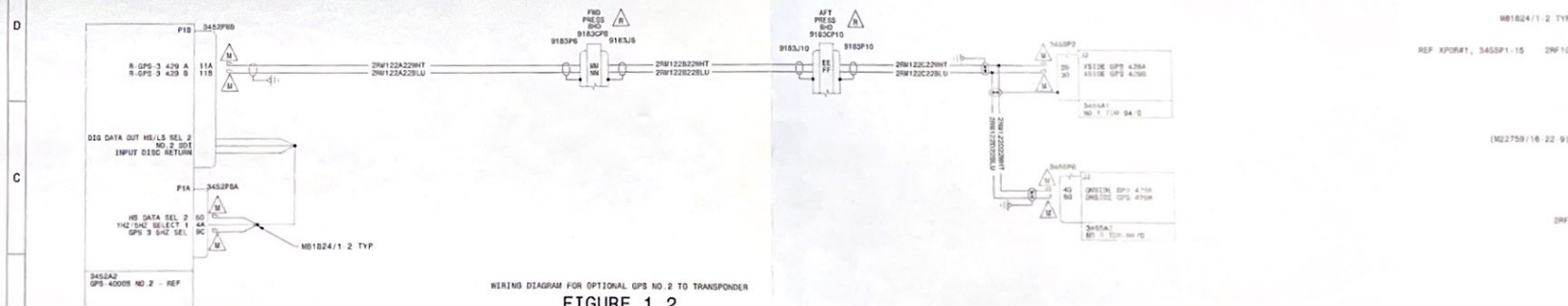
INSTALLATION

- REVIEW THIS DRAWING IN 1 TO THE AIRCRAFT.
- REMOVE ALL EXTERNAL POWER BATTERIES, DISPLAY BURN, AIRCRAFT ELECTRICAL POWER.
- REVIEW ABB CHAPTER 24 RE.
- FOR MODIFICATION TO A310 AND ASSOCIATED WIRE TABLE KEY DRAWING MAP (M/F).
- UPON COMPLETION, RECONNECT THE AIRCRAFT AS REQUIRED. THE APPROPRIATE FUNCTION WARNING NOTICES PROHIBIT POWER.
- RUN THE APPROPRIATE FUNC.
- MAKE APPROPRIATE LOG BOOK NUMBER INSTALLED.



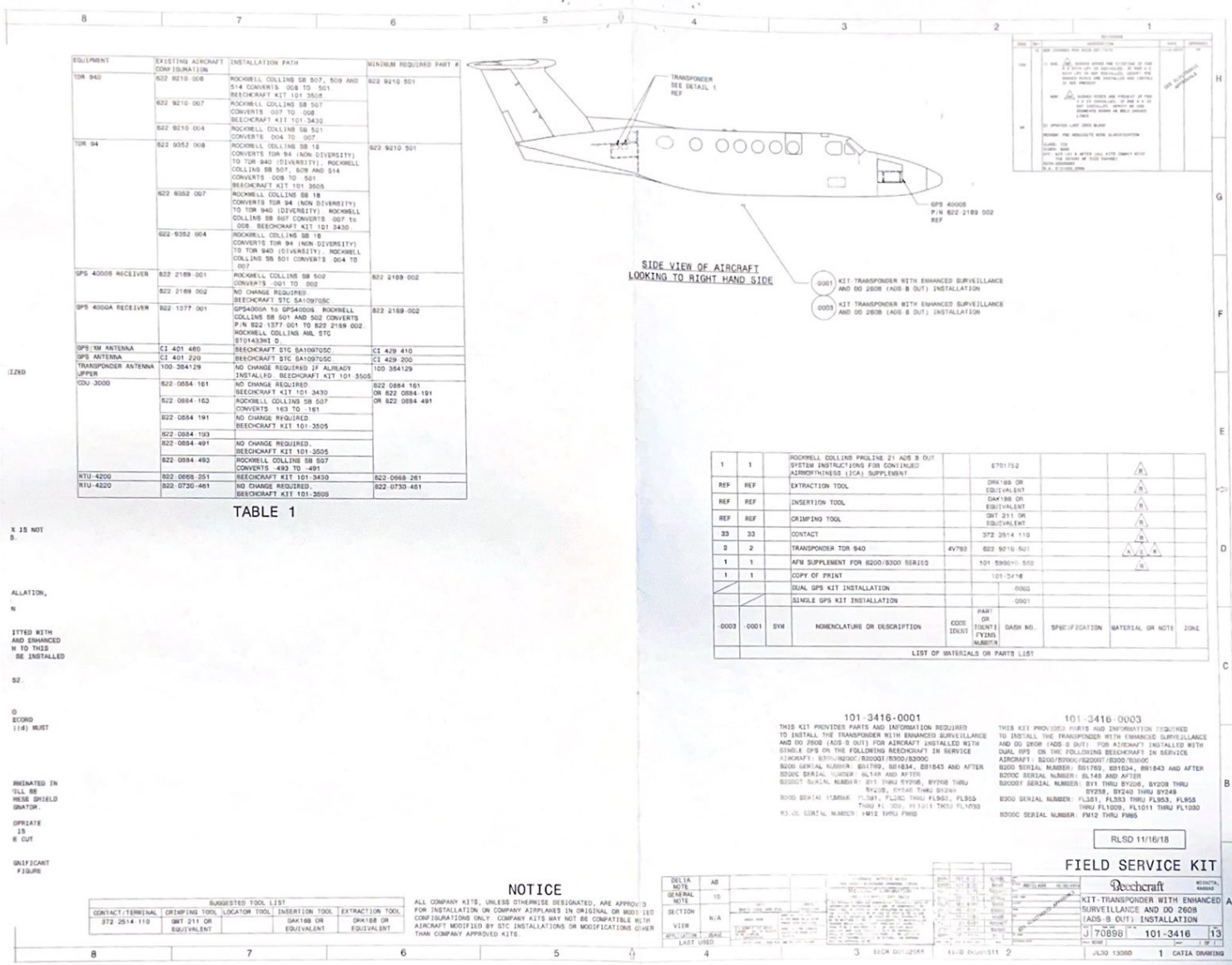
WIRING DIAGRAM GPS NO. 1 TO TRANSPONDER
FIGURE 1.1

WIRE NUMBER	WIRE CODE	TO		FROM		WIRE TYPE	LENGTH (INCH)	REMARKS
		REF. DES	CONNECTOR PIN	REF. DES	CONNECTOR PIN			
19M109C228HT	19M109C	3455P2	PD 1/B 49	9183CP11	9183P11 K	M27500 22TE2T14	72	
19M109C228LU	19M109C	3455P2	PD 1/B 50	9183CP11	9183P11 L	M27500 22TE2T14	72	
19M109D228HT	19M109D	3455P6	PD 1/B 49	3455P2	△ △ △ 49	M27500 22TE2T14	72	
19M109D228LU	19M109D	3455P6	PD 1/B 50	3455P2	△ △ △ 50	M27500 22TE2T14	72	
29M109D228HT	29M109D	3455P6	PD 1/B 29	3455P2	△ △ △ 49	M27500 22TE2T14	72	GPS NO. 2
29M109D228LU	29M109D	3455P6	PD 1/B 30	3455P2	△ △ △ 50	M27500 22TE2T14	72	GPS NO. 2



WIRING DIAGRAM FOR OPTIONAL GPS NO. 2 TO TRANSPONDER
FIGURE 1.2

WIRE NUMBER	WIRE CODE	TO		FROM		WIRE TYPE	LENGTH (INCH)	REMARKS
		REF. DES	CONNECTOR PIN	REF. DES	CONNECTOR PIN			
29M122A228HT	29M122A	9183CP6	9183P6 MM	3453P6B	PD 1/B 11A	M27500 22TE2T14	72	
29M122A228LU	29M122A	9183CP6	9183P6 NN	3453P6B	PD 1/B 11B	M27500 22TE2T14	72	
29M122B228HT	29M122B	9183CP10	9183J10 EE	9183CP6	9183J6 MM	M27500 22TE2T14	500	
29M122B228LU	29M122B	9183CP10	9183J10 FF	9183CP6	9183J6 NN	M27500 22TE2T14	500	
29M122C228HT	29M122C	3455P2	PD 1/B 29	9183CP10	9183P10 EE	M27500 22TE2T14	72	
29M122C228LU	29M122C	3455P2	PD 1/B 30	9183CP10	9183P10 FF	M27500 22TE2T14	72	
29M122D228HT	29M122D	3455P6	PD 1/B 49	3455P2	△ △ △ 49	M27500 22TE2T14	72	
29M122D228LU	29M122D	3455P6	PD 1/B 50	3455P2	△ △ △ 50	M27500 22TE2T14	72	



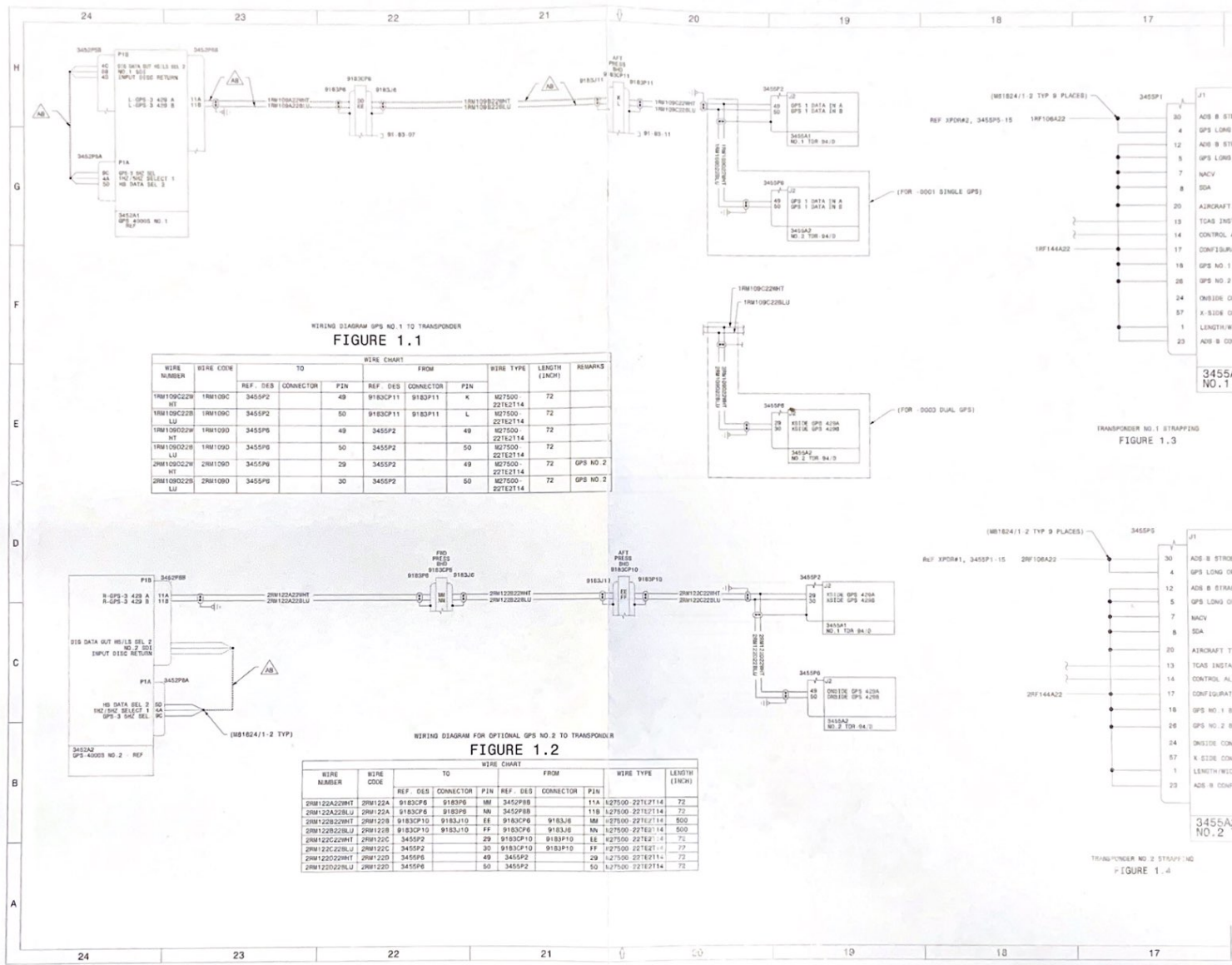
EQUIPMENT	EXISTING AIRCRAFT CONFIGURATION	INSTALLATION PATH	MINIMUM REQUIRED PART #
TOR 940	622 9210 008	ROCKWELL COLLINS SB 907, 909 AND S14 CONVERTS 008 TO 001	622 9210 001
	622 9210 007	ROCKWELL COLLINS SB 907 CONVERTS 007 TO 008	
	622 9210 004	ROCKWELL COLLINS SB 901 CONVERTS 004 TO 007	
TOR 94	622 9352 908	ROCKWELL COLLINS SB 18 CONVERTS TOR 94 (NON DIVERSITY) TO TOR 940 (DIVERSITY). ROCKWELL COLLINS SB 907, 909 AND S14 CONVERTS 008 TO 001	622 9210 001
	622 9352 007	ROCKWELL COLLINS SB 18 CONVERTS TOR 94 (NON DIVERSITY) TO TOR 940 (DIVERSITY). ROCKWELL COLLINS SB 907 CONVERTS 007 TO 008	
	622 9352 004	ROCKWELL COLLINS SB 18 CONVERTS TOR 94 (NON DIVERSITY) TO TOR 940 (DIVERSITY). ROCKWELL COLLINS SB 901 CONVERTS 004 TO 007	
GPS 4000R RECEIVER	622 2189 001	ROCKWELL COLLINS SB 909 CONVERTS 001 TO 002	622 2189 002
	622 2189 002	NO CHANGE REQUIRED	
GPS 4000A RECEIVER	622 1377 001	GPS4000A TO GPS4000S. ROCKWELL COLLINS SB 901 AND 902 CONVERTS P/N 622 1377 001 TO 622 2189 002. ROCKWELL COLLINS ABL STC 81943811 0	622 2189 002
GPS XM ANTENNA	C1 401 480	BEEOHRAFT STC 8A109705C	C1 429 410
GPS ANTENNA	C1 401 220	BEEOHRAFT STC 8A109705C	C1 429 200
TRANSPODER ANTENNA UPPER	100 284129	NO CHANGE REQUIRED IF ALREADY INSTALLED. BEEOHRAFT KIT 101-3505	
DOV 3000	622 0884 161	NO CHANGE REQUIRED	622 0884 161
	622 0884 163	ROCKWELL COLLINS SB 507 CONVERTS 163 TO 161	OR 622 0884 491
	622 0884 191	NO CHANGE REQUIRED	
	622 0884 193	BEEOHRAFT KIT 101-3505	
	622 0884 491	NO CHANGE REQUIRED	
	622 0884 493	ROCKWELL COLLINS SB 907 CONVERTS 493 TO 491	
RTU-4200	622 0658 251	BEEOHRAFT KIT 101-3430	622 0658 281
RTU-4200	622 0730 461	NO CHANGE REQUIRED	622 0730 461

TABLE 1

REF	REF	DESCRIPTION	QTY	UNIT	REF	REF	DESCRIPTION	QTY	UNIT	REF	REF	DESCRIPTION	QTY	UNIT	REF	REF	DESCRIPTION	QTY	UNIT
1	1	ROCKWELL COLLINS PROLINE 21 ADS-B OUT SYSTEM INSTRUCTIONS FOR CONTINUED AIRWORTHINESS (ICA) SUPPLEMENT			8701702														
REF	REF	EXTRACTION TOOL			0K1488 OR EQUIVALENT														
REF	REF	INSERTION TOOL			0K1488 OR EQUIVALENT														
REF	REF	CRIMPING TOOL			0MT 211 OR EQUIVALENT														
33	33	CONTACT			372 2514 110														
2	2	TRANSPODER TOR 940			4V793	622 9210 001													
1	1	AFM SUPPLEMENT FOR 6200/8300 SERIES			101 5900-01-555														
1	1	COPY OF PRINT			101-3416														
		DUAL GPS KIT INSTALLATION			0003														
		SINGLE GPS KIT INSTALLATION			0001														
0003	0001	SYN																	

LIST OF MATERIALS OR PARTS LIST

101-3416-0001
 THIS KIT PROVIDES PARTS AND INFORMATION REQUIRED TO INSTALL THE TRANSPODER WITH ENHANCED SURVEILLANCE AND DO 2608 (ADS-B OUT) FOR AIRCRAFT INSTALLED WITH SINGLE GPS OR THE FOLLOWING BEEOHRAFT IN SERVICE AIRCRAFT: B810/8200C/830001/8300/8300C/8300C SERIAL NUMBER: 831709, 831834, 831843 AND AFTER 8300C SERIAL NUMBER: 8114 AND AFTER 8300C SERIAL NUMBER: 8111 THRU 8120, 8120B THRU 8124B, 8120C, 8124C THRU 8124H, 8120D THRU 8120H, 8124D THRU 8124H, 8124I THRU 8124J, 8124K THRU 8124L, 8124M THRU 8124N, 8124O THRU 8124P, 8124Q THRU 8124R, 8124S THRU 8124T, 8124U THRU 8124V, 8124W THRU 8124X, 8124Y THRU 8124Z, 8125A THRU 8125B, 8125C THRU 8125D, 8125E THRU 8125F, 8125G THRU 8125H, 8125I THRU 8125J, 8125K THRU 8125L, 8125M THRU 8125N, 8125O THRU 8125P, 8125Q THRU 8125R, 8125S THRU 8125T, 8125U THRU 8125V, 8125W THRU 8125X, 8125Y THRU 8125Z, 8126A THRU 8126B, 8126C THRU 8126D, 8126E THRU 8126F, 8126G THRU 8126H, 8126I THRU 8126J, 8126K THRU 8126L, 8126M THRU 8126N, 8126O THRU 8126P, 8126Q THRU 8126R, 8126S THRU 8126T, 8126U THRU 8126V, 8126W THRU 8126X, 8126Y THRU 8126Z, 8127A THRU 8127B, 8127C THRU 8127D, 8127E THRU 8127F, 8127G THRU 8127H, 8127I THRU 8127J, 8127K THRU 8127L, 8127M THRU 8127N, 8127O THRU 8127P, 8127Q THRU 8127R, 8127S THRU 8127T, 8127U THRU 8127V, 8127W THRU 8127X, 8127Y THRU 8127Z, 8128A THRU 8128B, 8128C THRU 8128D, 8128E THRU 8128F, 8128G THRU 8128H, 8128I THRU 8128J, 8128K THRU 8128L, 8128M THRU 8128N, 8128O THRU 8128P, 8128Q THRU 8128R, 8128S THRU 8128T, 8128U THRU 8128V, 8128W THRU 8128X, 8128Y THRU 8128Z, 8129A THRU 8129B, 8129C THRU 8129D, 8129E THRU 8129F, 8129G THRU 8129H, 8129I THRU 8129J, 8129K THRU 8129L, 8129M THRU 8129N, 8129O THRU 8129P, 8129Q THRU 8129R, 8129S THRU 8129T, 8129U THRU 8129V, 8129W THRU 8129X, 8129Y THRU 8129Z, 8130A THRU 8130B, 8130C THRU 8130D, 8130E THRU 8130F, 8130G THRU 8130H, 8130I THRU 8130J, 8130K THRU 8130L, 8130M THRU 8130N, 8130O THRU 8130P, 8130Q THRU 8130R, 8130S THRU 8130T, 8130U THRU 8130V, 8130W THRU 8130X, 8130Y THRU 8130Z, 8131A THRU 8131B, 8131C THRU 8131D, 8131E THRU 8131F, 8131G THRU 8131H, 8131I THRU 8131J, 8131K THRU 8131L, 8131M THRU 8131N, 8131O THRU 8131P, 8131Q THRU 8131R, 8131S THRU 8131T, 8131U THRU 8131V, 8131W THRU 8131X, 8131Y THRU 8131Z, 8132A THRU 8132B, 8132C THRU 8132D, 8132E THRU 8132F, 8132G THRU 8132H, 8132I THRU 8132J, 8132K THRU 8132L, 8132M THRU 8132N, 8132O THRU 8132P, 8132Q THRU 8132R, 8132S THRU 8132T, 8132U THRU 8132V, 8132W THRU 8132X, 8132Y THRU 8132Z, 8133A THRU 8133B, 8133C THRU 8133D, 8133E THRU 8133F, 8133G THRU 8133H, 8133I THRU 8133J, 8133K THRU 8133L, 8133M THRU 8133N, 8133O THRU 8133P, 8133Q THRU 8133R, 8133S THRU 8133T, 8133U THRU 8133V, 8133W THRU 8133X, 8133Y THRU 8133Z, 8134A THRU 8134B, 8134C THRU 8134D, 8134E THRU 8134F, 8134G THRU 8134H, 8134I THRU 8134J, 8134K THRU 8134L, 8134M THRU 8134N, 8134O THRU 8134P, 8134Q THRU 8134R, 8134S THRU 8134T, 8134U THRU 8134V, 8134W THRU 8134X, 8134Y THRU 8134Z, 8135A THRU 8135B, 8135C THRU 8135D, 8135E THRU 8135F, 8135G THRU 8135H, 8135I THRU 8135J, 8135K THRU 8135L, 8135M THRU 8135N, 8135O THRU 8135P, 8135Q THRU 8135R, 8135S THRU 8135T, 8135U THRU 8135V, 8135W THRU 8135X, 8135Y THRU 8135Z, 8136A THRU 8136B, 8136C THRU 8136D, 8136E THRU 8136F, 8136G THRU 8136H, 8136I THRU 8136J, 8136K THRU 8136L, 8136M THRU 8136N, 8136O THRU 8136P, 8136Q THRU 8136R, 8136S THRU 8136T, 8136U THRU 8136V, 8136W THRU 8136X, 8136Y THRU 8136Z, 8137A THRU 8137B, 8137C THRU 8137D, 8137E THRU 8137F, 8137G THRU 8137H, 8137I THRU 8137J, 8137K THRU 8137L, 8137M THRU 8137N, 8137O THRU 8137P, 8137Q THRU 8137R, 8137S THRU 8137T, 8137U THRU 8137V, 8137W THRU 8137X, 8137Y THRU 8137Z, 8138A THRU 8138B, 8138C THRU 8138D, 8138E THRU 8138F, 8138G THRU 8138H, 8138I THRU 8138J, 8138K THRU 8138L, 8138M THRU 8138N, 8138O THRU 8138P, 8138Q THRU 8138R, 8138S THRU 8138T, 8138U THRU 8138V, 8138W THRU 8138X, 8138Y THRU 8138Z, 8139A THRU 8139B, 8139C THRU 8139D, 8139E THRU 8139F, 8139G THRU 8139H, 8139I THRU 8139J, 8139K THRU 8139L, 8139M THRU 8139N, 8139O THRU 8139P, 8139Q THRU 8139R, 8139S THRU 8139T, 8139U THRU 8139V, 8139W THRU 8139X, 8139Y THRU 8139Z, 8140A THRU 8140B, 8140C THRU 8140D, 8140E THRU 8140F, 8140G THRU 8140H, 8140I THRU 8140J, 8140K THRU 8140L, 8140M THRU 8140N, 8140O THRU 8140P, 8140Q THRU 8140R, 8140S THRU 8140T, 8140U THRU 8140V, 8140W THRU 8140X, 8140Y THRU 8140Z, 8141A THRU 8141B, 8141C THRU 8141D, 8141E THRU 8141F, 8141G THRU 8141H, 8141I THRU 8141J, 8141K THRU 8141L, 8141M THRU 8141N, 8141O THRU 8141P, 8141Q THRU 8141R, 8141S THRU 8141T, 8141U THRU 8141V, 8141W THRU 8141X, 8141Y THRU 8141Z, 8142A THRU 8142B, 8142C THRU 8142D, 8142E THRU 8142F, 8142G THRU 8142H, 8142I THRU 8142J, 8142K THRU 8142L, 8142M THRU 8142N, 8142O THRU 8142P, 8142Q THRU 8142R, 8142S THRU 8142T, 8142U THRU 8142V, 8142W THRU 8142X, 8142Y THRU 8142Z, 8143A THRU 8143B, 8143C THRU 8143D, 8143E THRU 8143F, 8143G THRU 8143H, 8143I THRU 8143J, 8143K THRU 8143L, 8143M THRU 8143N, 8143O THRU 8143P, 8143Q THRU 8143R, 8143S THRU 8143T, 8143U THRU 8143V, 8143W THRU 8143X, 8143Y THRU 8143Z, 8144A THRU 8144B, 8144C THRU 8144D, 8144E THRU 8144F, 8144G THRU 8144H, 8144I THRU 8144J, 8144K THRU 8144L, 8144M THRU 8144N, 8144O THRU 8144P, 8144Q THRU 8144R, 8144S THRU 8144T, 8144U THRU 8144V, 8144W THRU 8144X, 8144Y THRU 8144Z, 8145A THRU 8145B, 8145C THRU 8145D, 8145E THRU 8145F, 8145G THRU 8145H, 8145I THRU 8145J, 8145K THRU 8145L, 8145M THRU 8145N, 8145O THRU 8145P, 8145Q THRU 8145R, 8145S THRU 8145T, 8145U THRU 8145V, 8145W THRU 8145X, 8145Y THRU 8145Z, 8146A THRU 8146B, 8146C THRU 8146D, 8146E THRU 8146F, 8146G THRU 8146H, 8146I THRU 8146J, 8146K THRU 8146L, 8146M THRU 8146N, 8146O THRU 8146P, 8146Q THRU 8146R, 8146S THRU 8146T, 8146U THRU 8146V, 8146W THRU 8146X, 8146Y THRU 8146Z, 8147A THRU 8147B, 8147C THRU 8147D, 8147E THRU 8147F, 8147G THRU 8147H, 8147I THRU 8147J, 8147K THRU 8147L, 8147M THRU 8147N, 8147O THRU 8147P, 8147Q THRU 8147R, 8147S THRU 8147T, 8147U THRU 8147V, 8147W THRU 8147X, 8147Y THRU 8147Z, 8148A THRU 8148B, 8148C THRU 8148D, 8148E THRU 8148F, 8148G THRU 8148H, 8148I THRU 8148J, 8148K THRU 8148L, 8148M THRU 8148N, 8148O THRU 8148P, 8148Q THRU 8148R, 8148S THRU 8148T, 8148U THRU 8148V, 8148W THRU 8148X, 8148Y THRU 8148Z, 8149A THRU 8149B, 8149C THRU 8149D, 8149E THRU 8149F, 8149G THRU 8149H, 8149I THRU 8149J, 8149K THRU 8149L, 8149M THRU 8149N, 8149O THRU 8149P, 8149Q THRU 8149R, 8149S THRU 8149T, 8149U THRU 8149V, 8149W THRU 8149X, 8149Y THRU 8149Z, 8150A THRU 8150B, 8150C THRU 8150D, 8150E THRU 8150F, 8150G THRU 8150H, 8150I THRU 8150J, 8150K THRU 8150L, 8150M THRU 8150N, 8150O THRU 8150P, 8150Q THRU 8150R, 8150S THRU 8150T, 8150U THRU 8150V, 8150W THRU 8150X, 8150Y THRU 8150Z, 8151A THRU 8151B, 8151C THRU 8151D, 8151E THRU 8151F, 8151G THRU 8151H, 8151I THRU 8151J, 8151K THRU 8151L, 8151M THRU 8151N, 8151O THRU 8151P, 8151Q THRU 8151R, 8151S THRU 8151T, 8151U THRU 8151V, 8151W THRU 8151X, 8151Y THRU 8151Z, 8152A THRU 8152B, 8152C THRU 8152D, 8152E THRU 8152F, 8152G THRU 8152H, 8152I THRU 8152J, 8152K THRU 8152L, 8152M THRU 8152N, 8152O THRU 8152P, 8152Q THRU 8152R, 8152S THRU 8152T, 8152U THRU 8152V, 8152W THRU 8152X, 8152Y THRU 8152Z, 8153A THRU 8153B, 8153C THRU 8153D, 8153E THRU 8153F, 8153G THRU 8153H, 8153I THRU 8153J, 8153K THRU 8153L, 8153M THRU 8153N, 8153O THRU 8153P, 8153Q THRU 8153R, 8153S THRU 8153T, 8153U THRU 8153V, 8153W THRU 8153X, 8153Y THRU 8153Z, 8154A THRU 8154B, 8154C THRU 8154D, 8154E THRU 8154F, 8154G THRU 8154H, 8154I THRU 8154J, 8154K THRU 8154L, 8154M THRU 8154N, 8154O THRU 8154P, 8154Q THRU 8154R, 8154S THRU 8154T, 8154U THRU 8154V, 8154W THRU 8154X, 8154Y THRU 8154Z, 8155A THRU 8155B, 8155C THRU 8155D, 8155E THRU 8155F, 8155G THRU 8155H, 8155I THRU 8155J, 8155K THRU 8155L, 8155M THRU 8155N, 8155O THRU 8155P, 8155Q THRU 8155R, 8155S THRU 8155T, 8155U THRU 8155V, 8155W THRU 8155X, 8155Y THRU 8155Z, 8156A THRU 8156B, 8156C THRU 8156D, 8156E THRU 8156F, 8156G THRU 8156H, 8156I THRU 8156J, 8156K THRU 8156L, 8156M THRU 8156N, 8156O THRU 8156P, 8156Q THRU 8156R, 8156S THRU 8156T, 8156U THRU 8156V, 8156W THRU 8156X, 8156Y THRU 8156Z, 8157A THRU 8157B, 8157C THRU 8157D, 8157E THRU 8157F, 8157G THRU 8157H, 8157I THRU 8157J, 8157K THRU 8157L, 8157M THRU 8157N, 8157O THRU 8157P, 8157Q THRU 8157R, 8157S THRU 8157T, 8157U THRU 8157V, 8157W THRU 8157X, 8157Y THRU 8157Z, 8158A THRU 8158B, 8158C THRU 8158D, 8158E THRU 8158F, 8158G THRU 8158H, 8158I THRU 8158J, 8158K THRU 8158L, 8158M THRU 8158N, 8158O THRU 8158P, 8158Q THRU 8158R, 8158S THRU 8158T, 8158U THRU 8158V, 8158W THRU 8158X, 8158Y THRU 8158Z, 8159A THRU 8159B, 8159C THRU 8159D, 8159E THRU 8159F, 8159G THRU 8159H, 8159I THRU 8159J, 8159K THRU 8159L, 8159M THRU 8159N, 8159O THRU 8159P, 8159Q THRU 8159R, 8159S THRU 8159T, 8159U THRU 8159V, 8159W THRU 8159X, 8159Y THRU 8159Z, 8160A THRU 8160B, 8160C THRU 8160D, 8160E THRU 8160F, 8160G THRU 8160H, 8160I THRU 8160J, 8160K THRU 8160L, 8160M THRU 8160N, 8160O THRU 8160P, 8160Q THRU 8160R, 8160S THRU 8160T, 8160U THRU 8160V, 8160W THRU 8160X, 8160Y THRU 8160Z, 8161A THRU 8161B, 8161C THRU 8161D, 8161E THRU 8161F, 8161G THRU 8161H, 8161I THRU 8161J, 8161K THRU 8161L, 8161M THRU 8161N, 8161O THRU 8161P, 8161Q THRU 8161R, 8161S THRU 8161T, 8161U THRU 8161V, 8161W THRU 8161X, 8161Y THRU 8161Z, 8162A THRU 8162B, 8162C THRU 8162D, 8162E THRU 8162F, 8162G THRU 8162H, 8162I THRU 8162J, 8162K THRU 8162L, 8162M THRU 8162N, 8162O THRU 8162P, 8162Q THRU 8162R, 8162S THRU 8162T, 8162U THRU 8162V, 8162W THRU 8162X, 8162Y THRU 8162Z, 8163A THRU 8163B, 8163C THRU 8163D, 8163E THRU 8163F, 8163G THRU 8163H, 8163I THRU 8163J, 8163K THRU 8163L, 8163M THRU 8163N, 8163O THRU 8163P, 8163Q THRU 8163R, 8163S THRU 8163T, 8163U THRU 8163V, 8163W THRU 8163X, 8163Y THRU 8163Z, 8164A THRU 8164B, 8164C THRU 8164D, 8164E THRU 8164F, 8164G THRU 8164H, 8164I THRU 8164J, 8164K THRU 8164L, 8164M THRU 8164N, 8164O THRU 8164P, 8164Q THRU 8164R, 8164S THRU 8164T, 8164U THRU 8164V, 8164W THRU 8164X, 8164Y THRU 8164Z, 8165A THRU 8165B, 8165C THRU 8165D, 8165E THRU 8165F, 8165G THRU 8165H, 8165I THRU 8165J, 8165K THRU 8165L, 8165M THRU 8165N, 8165O THRU 8165P, 8165Q THRU 8165R, 8165S THRU 8165T, 8165U THRU 8165V, 8165W THRU 8165X, 8165Y THRU 8165Z, 8166A THRU 8166B, 8166C THRU 8166D, 8166E THRU 8166F, 8166G THRU 8166H, 8166I THRU 8166J, 8166K THRU 8166L, 8166M THRU 8166N, 8166O THRU 8166P, 8166Q THRU 8166R, 8166S THRU 8166T, 8166U THRU 8166V, 8166W THRU 8166X, 8166Y THRU 8166Z, 8167A THRU 8167B, 8167C THRU 8167D, 8167E



WIRING DIAGRAM GPS NO. 1 TO TRANSPONDER

FIGURE 1.1

WIRE NUMBER	WIRE CODE	TO		FROM		WIRE TYPE	LENGTH (INCH)	REMARKS
		REF. DES	CONNECTOR	REF. DES	CONNECTOR			
1R1109C22W	1R1109C	3455P2	49	9183CP11	9183P11	K	127500-22T2T14	72
1R1109C22R	1R1109C	3455P2	50	9183CP11	9183P11	L	127500-22T2T14	72
1R1109C22W	1R1109D	3455P6	49	3455P2	49		127500-22T2T14	72
1R1109C22R	1R1109D	3455P6	50	3455P2	50		127500-22T2T14	72
2R1109C22W	2R1109D	3455P6	29	3455P2	49		127500-22T2T14	GPS NO. 2
2R1109C22R	2R1109D	3455P6	30	3455P2	50		127500-22T2T14	GPS NO. 2

WIRING DIAGRAM FOR OPTIONAL GPS NO. 2 TO TRANSPONDER

FIGURE 1.2

WIRE NUMBER	WIRE CODE	TO		FROM		WIRE TYPE	LENGTH (INCH)		
		REF. DES	CONNECTOR	REF. DES	CONNECTOR				
2R1122A22RHT	2R1122A	9183CP6	9183P6	MM	3452P8B	11A	127500-22T2T14	72	
2R1122A22BLU	2R1122A	9183CP6	9183P6	MM	3452P8B	11B	127500-22T2T14	72	
2R1122B22RHT	2R1122B	9183CP10	9183J10	EE	9183CP6	9183J6	MM	127500-22T2T14	500
2R1122B22BLU	2R1122B	9183CP10	9183J10	FF	9183CP6	9183J6	MM	127500-22T2T14	500
2R1122C22RHT	2R1122C	3455P2	29	9183CP10	9183P10	EE	127500-22T2T14	72	
2R1122C22BLU	2R1122C	3455P2	30	9183CP10	9183P10	FF	127500-22T2T14	72	
2R1122D22RHT	2R1122D	3455P6	49	3455P2	29		127500-22T2T14	72	
2R1122D22BLU	2R1122D	3455P6	50	3455P2	30		127500-22T2T14	72	

3455P1
NO. 1

TRANSPONDER NO. 1 STRAPPING
FIGURE 1.3

3455A2
NO. 2 T

TRANSPONDER NO. 2 STRAPPING
FIGURE 1.4