

CARD NO.: 56
DISCREPANCY SECTION

FLEET No.	DATE	TIME OF DAY	STATION	ATA CODE	PRIORITY	Work Order No.
447	02/20/2023	17 :00	DAY	32 -43	1	318785
DISCREPANCY:						
For Compliance with RIL 9418						
Perform AMM task 32-43-00-780-801 Pressure Test of Brake System						
Report if any abnormal amount of air is present during braking/tooling bleeding						
WAS DISCREPANCY FOUND WHILE PERFORMING A TASK AND IS IT WITHIN THE SCOPE OF THAT TASK?						
NO:	☒	YES:	☐	IF YES, JOB CARD NO	TASK/OR ITEM NO.	
PARTS REQUIRED INFORMATION						
QTY	PART NO.	PART NAME	PART ON HAND?	PICKLIST NO.	PART NIS?	REQ. NO.
DISCREPANCY SECTION COMPLETED BY:			DISCREPANCY SECTION REVIEWED FOR CONTENT AND COMPLETENESS BY			
NAME/ INITIALS		EMPLOYEE NO.		MX SUPERVISOR/CREW CHIEF INITIALS		EMPLOYEE NO.

CORRECTIVE ACTION: Performed AMM Task 32-43-00-780-801 Pressure test of the Brake System. Negligible amount of air removed during brake bleed procedure. Each brake pressure within limits. Leak check good post test.

POS	P/N OFF:		P/N ON:		
	S/N OFF:		S/N ON:		
INITIALS:	EMPLOYEE NO.	DATE	TIME OF DAY	RII: <u>No</u>	INSP:
		06-04-2023	18 :00		
WORK CARD REVIEW FOR COMPLETENESS AND CONTENT					
INSPECTOR/DELEGATE:		MX SUPERVISOR/CREW CHIEF INITIALS	EMPLOYEE NO.		
AWA QC-005					

CARD NO.: 57
DISCREPANCY SECTION

FLEET No.	DATE	TIME OF DAY	STATION	ATA CODE	PRIORITY	Work Order No.
447	02/20/2023	17 :00	DAY	32 -43	1	318785
DISCREPANCY:						
For Compliance with RIL 9418						
Perform AMM task 32-47-01-720-805 F/C of the brake application pressure transducer						
Report the values at max brake application.						
WAS DISCREPANCY FOUND WHILE PERFORMING A TASK AND IS IT WITHIN THE SCOPE OF THAT TASK?						
NO:	☒	YES:	☐	IF YES, JOB CARD NO	TASK/OR ITEM NO.	
PARTS REQUIRED INFORMATION						
QTY	PART NO.	PART NAME	PART ON HAND?	PICKLIST NO.	PART NIS?	REQ. NO.
DISCREPANCY SECTION COMPLETED BY:				DISCREPANCY SECTION REVIEWED FOR CONTENT AND COMPLETENESS BY		
NAME/ INITIALS		EMPLOYEE NO.		MX SUPERVISOR/CREW CHIEF INITIALS		EMPLOYEE NO.

CORRECTIVE ACTION: *Performed AMM task 32-47-01-720-805 Functional test of the brake application pressure transducer. Values at max brake application (psi):*

Pilot's Left Pedal : LHOB-1958 LHIB-1923

Pilot's Right Pedal : RHIB-1907 RHOB-1946

Copilot's Left Pedal : LHOB-2013 LHIB-1934

Copilot's Right Pedal : RHIB-1925 RHOB-1978

POS	P/N OFF:		P/N ON:		
	S/N OFF:		S/N ON:		
INITIALS:	EMPLOYEE NO.	DATE	TIME OF DAY	RII: <i>No</i>	INSP:
		06-06-2023	20:30		
WORK CARD REVIEW FOR COMPLETENESS AND CONTENT					
INSPECTOR/DELEGATE:		MX SUPERVISOR/CREW CHIEF INITIALS		EMPLOYEE NO.	
AWA QC-005					

MAINTENANCE WORK CARD

 CARD NO.: 58

DISCREPANCY SECTION

FLEET No.	DATE	TIME OF DAY	STATION	ATA CODE	PRIORITY	Work Order No.
447	02/20/2023	17 :00	DAY	32 -43	1	318785
DISCREPANCY:						
For Compliance with RIL 9418						
Perform AMM task 32-44-00-720-801 F/C Antiskid System						
WAS DISCREPANCY FOUND WHILE PERFORMING A TASK AND IS IT WITHIN THE SCOPE OF THAT TASK?						
NO:	☒	YES:	☐	IF YES, JOB CARD NO	TASK/OR ITEM NO.	
PARTS REQUIRED INFORMATION						
QTY	PART NO.	PART NAME	PART ON HAND?	PICKLIST NO.	PART NIS?	REQ. NO.
DISCREPANCY SECTION COMPLETED BY:			DISCREPANCY SECTION REVIEWED FOR CONTENT AND COMPLETENESS BY			
NAME/ INITIALS	EMPLOYEE NO.	MX SUPERVISOR/CREW CHIEF INITIALS	EMPLOYEE NO.			

CORRECTIVE ACTION:

POS	P/N OFF:		P/N ON:	
	S/N OFF:		S/N ON:	
INITIALS:	EMPLOYEE NO.	DATE	TIME OF DAY	RII:
				INSP:

WORK CARD REVIEW FOR COMPLETENESS AND CONTENT

INSPECTOR/DELEGATE:	MX SUPERVISOR/CREW CHIEF INITIALS	EMPLOYEE NO.

CARD NO.: 59

DISCREPANCY SECTION

FLEET No.	DATE	TIME OF DAY	STATION	ATA CODE	PRIORITY	Work Order No.
447	02/20/2023	17 :00	DAY	32 -50	1	318785
DISCREPANCY:						
For Compliance with RIL 9418						
Perform AMM task 32-50-00-740-801 BITE test of the Steering System						
Consider shaking the steering harness during the procedure						
report if steering is centered or not with rigging pin installed and confirm alignment of LH and RH						
set of rudder petals						
WAS DISCREPANCY FOUND WHILE PERFORMING A TASK AND IS IT WITHIN THE SCOPE OF THAT TASK?						
NO:	☒	YES:	☐	IF YES, JOB CARD NO	TASK/OR ITEM NO.	
PARTS REQUIRED INFORMATION						
QTY	PART NO.	PART NAME	PART ON HAND?	PICKLIST NO.	PART NIS?	REQ. NO.
DISCREPANCY SECTION COMPLETED BY:						
NAME/INITIALS		EMPLOYEE NO.		DISCREPANCY SECTION REVIEWED FOR CONTENT AND COMPLETENESS BY		
				MX SUPERVISOR/CREW CHIEF INITIALS		EMPLOYEE NO.

CORRECTIVE ACTION: Performed AMM task 32-50-00-740-801 as required. No defects noted.

POS	P/N OFF:		P/N ON:		
MLG	S/N OFF:		S/N ON:		
INITIALS:	EMPLOYEE NO.	DATE	TIME OF DAY	RII: NO	INSP:
		2/22/23	14:15		
WORK CARD REVIEW FOR COMPLETENESS AND CONTENT					
INSPECTOR/DELEGATE:		MX SUPERVISOR/CREW CHIEF		EMPLOYEE NO.	
AWA		INITIALS			
QC-005					

CARD NO.: 60
DISCREPANCY SECTION

FLEET No.	DATE	TIME OF DAY	STATION	ATA CODE	PRIORITY	Work Order No.
447	02/20/2023	17 :00	DAY	32 -50	1	318785
DISCREPANCY:						
For Compliance with RIL 9418						
Perform AMM 32-51-00-710-801 Operational test of NWS- Torque link assy connected.						
Consider shaking steering harness during this procedure.						
With no inputs (pedals or HCU, check for steering oscillations.						
WAS DISCREPANCY FOUND WHILE PERFORMING A TASK AND IS IT WITHIN THE SCOPE OF THAT TASK?						
NO:	☒	YES:	☐	IF YES, JOB CARD NO	TASK/OR ITEM NO.	
PARTS REQUIRED INFORMATION						
QTY	PART NO.	PART NAME	PART ON HAND?	PICKLIST NO.	PART NIS?	REQ. NO.
DISCREPANCY SECTION COMPLETED BY:			DISCREPANCY SECTION REVIEWED FOR CONTENT AND COMPLETENESS BY			
NAME/ INITIALS		EMPLOYEE NO.	MX SUPERVISOR/CREW CHIEF INITIALS		EMPLOYEE NO.	

 CORRECTIVE ACTION: Performed AMM 32-51-00-710-801 as required.
No defects noted.

POS	P/N OFF:		P/N ON:		
GEN	S/N OFF:		S/N ON:		
INITIALS:	EMPLOYEE NO.	DATE	TIME OF DAY	RII: <u>NO</u>	INSP:
		2/22/23	14 :30		
WORK CARD REVIEW FOR COMPLETENESS AND CONTENT					
INSPECTOR/DELEGATE:		MX SUPERVISOR/CREW CHIEF		EMPLOYEE NO.	
AWA		INITIALS			
QC-005					

CARD NO.: 61

DISCREPANCY SECTION

FLEET No.	DATE	TIME OF DAY	STATION	ATA CODE	PRIORITY	Work Order No.
447	02/20/2023	17 :00	DAY	32 -50	1	318785
DISCREPANCY:						
For Compliance with RIL 9418						
Perform CMM 32-20-04 p.b.7000 check for wear or excessive play in the steering collar						
WAS DISCREPANCY FOUND WHILE PERFORMING A TASK AND IS IT WITHIN THE SCOPE OF THAT TASK?						
NO:	☒	YES:	☐	IF YES, JOB CARD NO	TASK/OR ITEM NO.	
PARTS REQUIRED INFORMATION						
QTY	PART NO.	PART NAME	PART ON HAND?	PICKLIST NO.	PART NIS?	REQ. NO.
DISCREPANCY SECTION COMPLETED BY:			DISCREPANCY SECTION REVIEWED FOR CONTENT AND COMPLETENESS BY			
NAME/ INITIALS		EMPLOYEE NO.	MX SUPERVISOR/CREW CHIEF INITIALS		EMPLOYEE NO.	

CORRECTIVE ACTION: Checked for excessive steering collar clearance in reference to CMM 32-20-04. No defects noted.

POS	P/N OFF:		P/N ON:		
NLG	S/N OFF:		S/N ON:		
INITIALS:	EMPLOYEE NO.	DATE	TIME OF DAY	RII: <u>NO</u>	INSP:
		2/21/23	16:40		
WORK CARD REVIEW FOR COMPLETENESS AND CONTENT					
INSPECTOR/DELEGATE:		MX SUPERVISOR/CREW CHIEF INITIALS		EMPLOYEE NO.	
AWA QC-005					

CARD NO.: 62
DISCREPANCY SECTION

FLEET No.	DATE	TIME OF DAY	STATION	ATA CODE	PRIORITY	Work Order No.
447	02/20/2023	17 :00	DAY	32 -50	1	318785
DISCREPANCY:						
For Compliance with RIL 9418						
Perform AMM task 32-61-25-760-801 Electrical Integrity Check of the Nose Steering Harness						
Consider shaking the harness during this procedure						
WAS DISCREPANCY FOUND WHILE PERFORMING A TASK AND IS IT WITHIN THE SCOPE OF THAT TASK?						
NO:	☒	YES:		IF YES, JOB CARD NO	TASK/OR ITEM NO.	
PARTS REQUIRED INFORMATION						
QTY	PART NO.	PART NAME	PART ON HAND? PICKLIST NO.	PART NIS? REQ. NO.		
DISCREPANCY SECTION COMPLETED BY:						
NAME/ INITIALS			EMPLOYEE NO.		DISCREPANCY SECTION REVIEWED FOR CONTENT AND COMPLETENESS BY	
					MX SUPERVISOR/CREW CHIEF INITIALS	

CORRECTIVE ACTION: Performed AMM task 32-61-25-760-801 as required
No defects noted.

POS	P/N OFF:		P/N ON:		
NLC	S/N OFF:		S/N ON:		
INITIALS:	EMPLOYEE NO.	DATE	TIME OF DAY	RII: <u>NO</u>	INSP:
		2/22/23	14:50		
WORK CARD REVIEW FOR COMPLETENESS AND CONTENT					
INSPECTOR/DELEGATE:		MX SUPERVISOR/CREW CHIEF		EMPLOYEE NO.	
AWA QC-005		INITIALS			

CARD NO.: 63
DISCREPANCY SECTION

FLEET No.	DATE	TIME OF DAY	STATION	ATA CODE	PRIORITY	Work Order No.
447	02/20/2023	17 :00	DAY	32 -50	1	318785
DISCREPANCY:						
For Compliance with RIL 9418						
Perform AMM task 32-51-01-220-801 set 3.A.(1) Detailed inspection of the						
steering handwheel control unit (Return time test)						
WAS DISCREPANCY FOUND WHILE PERFORMING A TASK AND IS IT WITHIN THE SCOPE OF THAT TASK?						
NO:	☒	YES:	☐	IF YES, JOB CARD NO	TASK/OR ITEM NO.	
PARTS REQUIRED INFORMATION						
QTY	PART NO.	PART NAME	PART ON HAND? PICKLIST NO.	PART NIS? REQ. NO.		
DISCREPANCY SECTION COMPLETED BY:			DISCREPANCY SECTION REVIEWED FOR CONTENT AND COMPLETENESS BY			
NAME/ INITIALS	EMPLOYEE NO.	MX SUPERVISOR/CREW CHIEF INITIALS	EMPLOYEE NO.			

CORRECTIVE ACTION: Performed AMM task 32-51-01-220-801 set 3.A.(1) as required. No defects noted.

POS	P/N OFF:		P/N ON:		
NLC	S/N OFF:		S/N ON:		
INITIALS:	EMPLOYEE NO.	DATE	TIME OF DAY	RII: <u>NA</u>	INSP:
		2/22/23	14:40		
WORK CARD REVIEW FOR COMPLETENESS AND CONTENT					
INSPECTOR/DELEGATE:		MX SUPERVISOR/CREW CHIEF INITIALS	EMPLOYEE NO.		
AWA QC-005					

MAINTENANCE WORK CARD

 CARD NO.: 64
DISCREPANCY SECTION

FLEET No.	DATE	TIME OF DAY	STATION	ATA CODE	PRIORITY	Work Order No.
447	02/20/2023	17 :00	DAY	32 -50	1	318785
DISCREPANCY:						
For Compliance with RIL 9418						
Perform AMM task 09-20-00-585-801, Taxi the aircraft						
During the taxi test ensure there is no lateral deviation when there is no pedal/HCU input.						
WAS DISCREPANCY FOUND WHILE PERFORMING A TASK AND IS IT WITHIN THE SCOPE OF THAT TASK?						
NO:	☒	YES:	☐	IF YES, JOB CARD NO	TASK/OR ITEM NO.	
PARTS REQUIRED INFORMATION						
QTY	PART NO.	PART NAME	PART ON HAND?	PICKLIST NO.	PART NIS?	REQ. NO.
DISCREPANCY SECTION COMPLETED BY:			DISCREPANCY SECTION REVIEWED FOR CONTENT AND COMPLETENESS BY			
NAME/ INITIALS		EMPLOYEE NO.	MX SUPERVISOR/CREW CHIEF INITIALS		EMPLOYEE NO.	

CORRECTIVE ACTION:

POS	P/N OFF:		P/N ON:		
	S/N OFF:		S/N ON:		
INITIALS:	EMPLOYEE NO.	DATE	TIME OF DAY	RII:	INSP:
WORK CARD REVIEW FOR COMPLETENESS AND CONTENT					
INSPECTOR/DELEGATE:		MX SUPERVISOR/CREW CHIEF INITIALS	EMPLOYEE NO.		

CARD NO.: 65
DISCREPANCY SECTION

FLEET No.	DATE	TIME OF DAY	STATION	ATA CODE	PRIORITY	Work Order No.
447	02/20/2023	17 :00	DAY	32 -50	1	318785
DISCREPANCY:						
For Compliance with RIL 9418						
Perform AMM task 32-51-10-700-801 Interrogation of the Non-Volatile memory of the NWS ECU						
Downlaod the NVM fault log						
WAS DISCREPANCY FOUND WHILE PERFORMING A TASK AND IS IT WITHIN THE SCOPE OF THAT TASK?						
NO.	☒	YES:		IF YES, JOB CARD NO		TASK/OR ITEM NO.
PARTS REQUIRED INFORMATION						
QTY	PART NO.	PART NAME	PART ON HAND?	PICKLIST NO.	PART NIS?	REQ. NO.
DISCREPANCY SECTION COMPLETED BY:				DISCREPANCY SECTION REVIEWED FOR CONTENT AND COMPLETENESS BY		
NAME/ INITIALS		EMPLOYEE NO.		MX SUPERVISOR/CREW CHIEF INITIALS		EMPLOYEE NO.

CORRECTIVE ACTION:

Performed Interrogation & Download of NWS ECU per AMM 32-51-10 AWA Supp #13-02F. Data download forwarded to AWA mx. mgmt. Copy of data download attached

POS	P/N OFF:		P/N ON:		
	S/N OFF:		S/N ON:		
INITIALS:	EMPLOYEE NO.	DATE	TIME OF DAY	RII:	INSP:
		02/23/23	02:00	NO	
WORK CARD REVIEW FOR COMPLETENESS AND CONTENT					
INSPECTOR/DELEGATE:		MX SUPERVISOR/CREW CHIEF INITIALS		EMPLOYEE NO.	
AWA QC-020					

N447AW (7812) NWS ECU_10-27-22 Rwy Exc on 10-05-22

Dowty Aerospace Peterborough
Analog / Digital Steering Controller (ADSC)
Canadair Regional Jet (CL601RJ)

S-MCU Software Version 17510-09 EPROM PART NO. 17509-25 CHECKSUM = fce8
System Limits part #17605 - 7 CRC = 45605

1. Display Log
2. Clear Log
3. Log LRU Replacement

Enter selection (1-3)
Maintenance Successful...
Maintenance Successful...
Maintenance Successful...
Supervisor Processor Maintenance Interface

ENTRY NUM	ANALOG	FAULT CODES		LOG
	LOOP	-----		ENTRY
	STATUS	CMCU	SMCU	STATUS
001	Maintenance Performed			
002	Rigging Performed			
003	Rigging Performed			
004	Rigging Performed			
005	TRIPPED	085	-	VALID
	TRIPPED	-	085	VALID
006	Rigging Performed			
007	TRIPPED	085	-	VALID
	TRIPPED	-	085	VALID
008				

Press a Key to Continue !

ENTRY NUM	ANALOG	FAULT CODES		LOG
	LOOP	-----		ENTRY
	STATUS	CMCU	SMCU	STATUS

N447AW (7812) NWS ECU_10-27-22 Rwy Exc on 10-05-22

	Rigging Performed			
009	TRIPPED	085	-	VALID
	TRIPPED	-	085	VALID
010	Rigging Performed			
011	ARMED	036	-	VALID
	ARMED	-	173	VALID
012	ARMED	-	173	VALID
013	ARMED	-	173	VALID
014	ARMED	-	173	VALID
015	ARMED	-	173	VALID

Press a Key to Continue !

ENTRY NUM	ANALOG LOOP	FAULT CODES		LOG ENTRY
	STATUS	CMCU	SMCU	STATUS
016	ARMED	-	173	VALID
017	ARMED	-	173	VALID
018	ARMED	-	033	VALID
019	Rigging Performed			
020	ARMED	109	-	VALID
	ARMED	-	173	VALID
021	ARMED	-	173	VALID
022	ARMED	-	173	VALID
023	ARMED	-	173	VALID

Press a Key to Continue !

ENTRY NUM	ANALOG LOOP	FAULT CODES		LOG ENTRY
	STATUS	CMCU	SMCU	STATUS

N447AW (7812) NWS ECU_10-27-22 Rwy Exc on 10-05-22

024	ARMED	-	173	VALID
025	ARMED	-	173	VALID
026	ARMED	-	173	VALID
027	ARMED	-	173	VALID
028	ARMED	-	173	VALID
029	ARMED	-	173	VALID
030	ARMED	-	173	VALID
031	ARMED	-	173	VALID
032	ARMED	-	173	VALID

Press a Key to Continue !

ENTRY NUM	ANALOG LOOP	FAULT CODES		LOG ENTRY
	STATUS	CMCU	SMCU	STATUS
033	ARMED	-	173	VALID
034	ARMED	-	173	VALID
035	ARMED	-	173	VALID
036	ARMED	-	173	VALID
037	ARMED	-	173	VALID
038	ARMED	-	173	VALID
039	ARMED	-	173	VALID
040	ARMED	-	173	VALID

Press a Key to Continue !

ENTRY NUM	ANALOG LOOP	FAULT CODES		LOG ENTRY
	STATUS	CMCU	SMCU	STATUS

N447AW (7812) NWS ECU_10-27-22 Rwy Exc on 10-05-22

041	-	-	-	-	-	-	-	-	-
		ARMED		-		191		VALID	
042	-	-	-	-	-	-	-	-	-
		ARMED		-		191		VALID	
043	-	-	-	-	-	-	-	-	-
		ARMED		-		191		VALID	
044	-	-	-	-	-	-	-	-	-
		ARMED		-		191		VALID	
045	-	-	-	-	-	-	-	-	-
		ARMED		-		191		VALID	
046	-	-	-	-	-	-	-	-	-
		ARMED		-		191		VALID	
047	-	-	-	-	-	-	-	-	-
		ARMED		-		191		VALID	
048	-	-	-	-	-	-	-	-	-
		ARMED		-		191		VALID	
049	-	-	-	-	-	-	-	-	-

Press a Key to Continue !

ENTRY NUM	ANALOG LOOP	FAULT CODES		LOG ENTRY
	STATUS	CMCU	SMCU	STATUS
	ARMED	015	-	VALID
	ARMED	-	015	VALID
050	-	-	-	-
	ARMED	-	033	VALID
051	-	-	-	-
	TRIPPED	128	-	VALID
	TRIPPED	-	128	VALID
052	-	-	-	-
	ARMED	036	-	VALID
053	-	-	-	-
	ARMED	036	-	VALID
054	-	-	-	-
	ARMED	036	-	VALID
055	-	-	-	-
	ARMED	036	-	VALID
056	-	-	-	-
	ARMED	036	-	VALID

Press a Key to Continue !

ENTRY NUM	ANALOG LOOP	FAULT CODES		LOG ENTRY
	STATUS	CMCU	SMCU	STATUS

N447AW (7812) NWS ECU_10-27-22 Rwy Exc on 10-05-22

057	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
	ARMED	036	-	VALID	
058	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
	ARMED	036	-	VALID	
059	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
	ARMED	036	-	VALID	
060	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
	ARMED	036	-	VALID	
061	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
	ARMED	036	-	VALID	
062	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
	ARMED	036	-	VALID	
063	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
	ARMED	036	-	VALID	
064	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
	ARMED	036	-	VALID	
065	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -

Press a Key to Continue !

ENTRY NUM	ANALOG LOOP	FAULT CODES		LOG ENTRY
	STATUS	CMCU	SMCU	STATUS
	ARMED	036	-	VALID
066	- - - - -	- - - - -	- - - - -	- - - - -
	ARMED	036	-	VALID
067	- - - - -	- - - - -	- - - - -	- - - - -
	ARMED	036	-	VALID
068	- - - - -	- - - - -	- - - - -	- - - - -
	ARMED	036	-	VALID
069	- - - - -	- - - - -	- - - - -	- - - - -
	ARMED	036	-	VALID
	ARMED	-	033	VALID
070	- - - - -	- - - - -	- - - - -	- - - - -
	ARMED	036	-	VALID
071	- - - - -	- - - - -	- - - - -	- - - - -
	ARMED	036	-	VALID
	ARMED	-	191	VALID
072	- - - - -	- - - - -	- - - - -	- - - - -
	ARMED	015	-	VALID

Press a Key to Continue !

ENTRY NUM	ANALOG LOOP	FAULT CODES		LOG ENTRY
	STATUS	CMCU	SMCU	STATUS

N447AW (7812) NWS ECU_10-27-22 Rwy Exc on 10-05-22

073	ARMED	-	015	VALID
	TRIPPED	128	-	VALID
	TRIPPED	-	128	VALID
074	ARMED	109	-	VALID
	ARMED	-	033	VALID
075	ARMED	-	033	VALID
076	ARMED	-	033	VALID
077	TRIPPED	128	-	VALID
078	TRIPPED	128	-	VALID
	TRIPPED	-	191	VALID
079				

Press a Key to Continue !

ENTRY NUM	ANALOG LOOP	FAULT CODES		LOG ENTRY
	STATUS	CMCU	SMCU	STATUS
	TRIPPED	128	-	VALID
	TRIPPED	-	128	VALID
080	ARMED	-	175	VALID
081	ARMED	-	175	VALID
082	Rigging Performed			
083	Rigging Performed			
084	Rigging Performed			
085	ARMED	-	175	VALID
086	ARMED	-	175	VALID
087				

Press a Key to Continue !

ENTRY NUM	ANALOG LOOP	FAULT CODES		LOG ENTRY
	STATUS	CMCU	SMCU	STATUS

N447AW (7812) NWS ECU_10-27-22 Rwy Exc on 10-05-22

	ARMED	015	-	VALID
	ARMED	-	015	VALID
088	-	-	-	-
	ARMED	-	175	VALID
089	-	-	-	-
	ARMED	-	175	VALID
090	-	-	-	-
	ARMED	-	175	VALID
091	-	-	-	-
	ARMED	-	175	VALID
092	-	-	-	-
	ARMED	-	175	VALID
093	-	-	-	-
	Rigging Performed			
094	-	-	-	-
	Rigging Performed			
095	-	-	-	-

Press a Key to Continue !

ENTRY NUM	ANALOG LOOP	FAULT CODES		LOG ENTRY
	STATUS	CMCU	SMCU	STATUS
	ARMED	-	173	VALID
096	-	-	-	-
	ARMED	-	173	VALID
097	-	-	-	-
	ARMED	-	173	VALID
098	-	-	-	-
	ARMED	-	173	VALID
099	-	-	-	-
	ARMED	-	173	VALID
100	-	-	-	-
	ARMED	-	173	VALID
101	-	-	-	-
	ARMED	-	173	VALID
102	-	-	-	-
	ARMED	-	173	VALID
103	-	-	-	-
	ARMED	-	173	VALID

Press a Key to Continue !

ENTRY NUM	ANALOG LOOP	FAULT CODES		LOG ENTRY
	STATUS	CMCU	SMCU	STATUS

N447AW (7812) NWS ECU_10-27-22 Rwy Exc on 10-05-22

```

104  - - - - -
      | ARMED | - | 173 | VALID |
105  - - - - -
      | ARMED | - | 033 | VALID |
106  - - - - -
      | ARMED | - | 033 | VALID |
107  - - - - -
      | ARMED | - | 033 | VALID |
108  - - - - -
      | ARMED | 015 | - | VALID |
      | ARMED | - | 015 | VALID |
109  - - - - -
      | TRIPPED | 128 | - | VALID |

```

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|           END OF FAULT LOG           |
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Press a Key to Display Cal Records !

C A L I B R A T I O N R E C O R D S

CAL RECORD		HANDWHEELS		RUDDER	POSITION FEEDBACKS	
Number	Status	Pilot	Co-Pilot		Port	Stbd
00	current	+00000	.	+00000	+00000	-00001
01	.	-00002	.	+00000	-00002	+00000
02	.	+00000	.	+00000	-00001	-00001
03	.	+00000	.	+00000	-00001	-00001
04	.	+00000	.	+00000	+00001	-00001
05	.	+00000	.	+00000	+00001	-00001
06	.	+00001	.	+00001	+00000	-00002
07	.	-00001	.	+00000	+00000	+00000
08	.	+00000	.	+00000	+00000	+00000
09	.	+00000	.	+00000	+00000	-00001

Press a key to return to Maintenance Menu !

Maintenance Successful...

Dowty Aerospace Peterborough
 Analog / Digital Steering Controller (ADSC)
 Canadair Regional Jet (CL601RJ)

S-MCU Software Version 17510-09 EPROM PART NO. 17509-25 CHECKSUM = fce8
 System Limits part #17605 - 7 CRC = 45605

CARD NO.: 66

DISCREPANCY SECTION

FLEET No.	DATE	TIME OF DAY	STATION	ATA CODE	PRIORITY	Work Order No.
447	02/20/2023	17 :00	DAY	45 -45	1	318785
DISCREPANCY:						
For Compliance with RIL 9418						
Perform AMM task 45-45-00-970-801. Write data from the MDC to the FMS/MDC data loader						
Download the MDU failure history for LRUs						
WAS DISCREPANCY FOUND WHILE PERFORMING A TASK AND IS IT WITHIN THE SCOPE OF THAT TASK?						
NO:	☒	YES:	☐	IF YES, JOB CARD NO	TASK/OR ITEM NO.	
PARTS REQUIRED INFORMATION						
QTY	PART NO.	PART NAME	PART ON HAND?	PICKLIST NO.	PART NIS?	REQ. NO.
DISCREPANCY SECTION COMPLETED BY:						
NAME/ INITIALS			EMPLOYEE NO.		DISCREPANCY SECTION REVIEWED FOR CONTENT AND COMPLETENESS BY	
					MX SUPERVISOR/CREW CHIEF INITIALS	
					EMPLOYEE NO.	

CORRECTIVE ACTION:

Performed Download of MDC Fault History per AMM 45-45-00. Data download forwarded to AWA Mr. Mgnd. Copy of Data Download attached. Note: Flight leg # 21124 was (6) Flights before incident!

POS	P/N OFF:	P/N ON:
	S/N OFF:	S/N ON:
INITIALS:	EMPLOYEE NO.	DATE
		02/23/23
TIME OF DAY	RII:	INSP:
02:00	NO	
WORK CARD REVIEW FOR COMPLETENESS AND CONTENT		
INSPECTOR/DELEGATE:	MX SUPERVISOR/CREW CHIEF INITIALS	EMPLOYEE NO.
AWA QC-020		

RJ-7812B N447AW MDC Fault History (1).FLT

LRU FAULT HISTORY

RJ-7812B.FLT 04:57 28OCT22

WRITE OPTION: ALL LEGS THROUGH LEG 21130

MDC ASSEMBLY CPN: 622-9818-020

DISKETTE CPN: 831-0546-026

A/C STRAPPING CODE: 0110 RJ100

MDC SOFTWARE VERS: 016 11OCT00

LRU	LEG	TIME	DATE	FAILURE MESSAGE	WRD-BITS 32-9 (HEX)
IAPS IOC 2B	21124	03:16	05OCT22	INPUT BUS ERROR	350 - 600200
IAPS IOC 2B	21123	00:23	05OCT22	INPUT BUS ERROR	350 - 600200
DME 2	21123	23:57	04OCT22	VAR CIRCUITRY	350 - 000742
DME 1	21122	22:23	04OCT22	VAR CIRCUITRY	350 - 2004F9
DME 2	21122	21:59	04OCT22	VAR CIRCUITRY	350 - 000742
IAPS IOC 2B	21121	18:43	04OCT22	INPUT BUS ERROR	350 - 600200
FCC 2	21116	22:20	03OCT22	FCS CODE=REPAIR	071 - 000022
					351 - 080000
FCC 1	21116	22:20	03OCT22	FCS CODE=REPAIR	071 - 000021
					351 - 080000
IAPS IOC 2B	21116	22:05	03OCT22	INPUT BUS ERROR	350 - 600200
DME 2	21116	21:52	03OCT22	VAR CIRCUITRY	350 - 000742
DCU 1	21115	19:07	03OCT22	VAR CIRCUITRY	242 - 059000
					350 - 000008
					351 - 000010
					352 - 000100
DME 2	21115	19:03	03OCT22	VAR CIRCUITRY	350 - 000742
IAPS IOC 2A	21113	14:36	03OCT22	INPUT BUS ERROR	350 - 600200
IAPS IOC 2B	21108	23:17	01OCT22	INPUT BUS ERROR	350 - 600200
FCC 1	21106	19:00	29SEP22	FCS CODE=REPAIR	071 - 000021
					351 - 080000
FCC 2	21106	19:00	29SEP22	FCS CODE=REPAIR	071 - 000022
					351 - 080000
IAPS IOC 2B	21099	13:44	28SEP22	INPUT BUS ERROR	350 - 600200
IAPS IOC 1B	21095	16:44	27SEP22	INPUT BUS ERROR	350 - 600200
DME 1	21092	01:03	27SEP22	VAR CIRCUITRY	350 - 080741
IAPS IOC 1A	21091	22:26	26SEP22	INPUT BUS ERROR	350 - 600200
FCC 1	21090	20:44	26SEP22	FCS CODE=REPAIR	071 - 000021
					351 - 080000
FCC 2	21090	20:44	26SEP22	FCS CODE=REPAIR	071 - 000022
					351 - 080000
FCC 2	21088	15:35	26SEP22	FCS CODE=REPAIR	071 - 000022
					351 - 080000
FCC 1	21088	15:35	26SEP22	FCS CODE=REPAIR	071 - 000021
					351 - 080000
IAPS IOC 2B	21088	14:58	26SEP22	INPUT BUS ERROR	350 - 600200
FCC 1	21084	19:48	25SEP22	FCS CODE=REPAIR	071 - 000021
					351 - 080000
FCC 2	21084	19:48	25SEP22	FCS CODE=REPAIR	071 - 000022
					351 - 080000
DME 2	21082	16:28	25SEP22	VAR CIRCUITRY	350 - 100742

RJ-7812B N447AW MDC Fault History (1).FLT

DME 2	21080	23:04	24SEP22	VAR CIRCUITRY	350 - 000742
DME 2	21079	20:16	24SEP22	VAR CIRCUITRY	350 - 000742
HSTCU (CHAN A)	21076	23:09	23SEP22	VAR CIRCUITRY	270 - 000001
					271 - 178005
					272 - 00023D
					273 - 000001
					350 - 600001
HSTCU (CHAN A)	21075	20:50	23SEP22	VAR CIRCUITRY	270 - 000001
					271 - 1F8005
					272 - 00023D
					273 - 000001
					350 - 600001
HSTCU (CHAN A)	21074	19:12	23SEP22	VAR CIRCUITRY	270 - 000001
					271 - 1F8005
					272 - 00023D
					273 - 000001
					350 - 600001
DME 2	21073	17:05	23SEP22	VAR CIRCUITRY	350 - 000742
IAPS IOC 2B	21073	16:32	23SEP22	INPUT BUS ERROR	350 - 600200
HSTCU (CHAN A)	21073	16:20	23SEP22	VAR CIRCUITRY	270 - 000001
					271 - 178005
					272 - 00023D
					273 - 000001
					350 - 600001
HSTCU (CHAN A)	21072	14:11	23SEP22	VAR CIRCUITRY	270 - 000001
					271 - 1F8005
					272 - 00023D
					273 - 000001
					350 - 600001
HSTCU (CHAN A)	21071	11:04	23SEP22	VAR CIRCUITRY	270 - 000001
					271 - 1F8005
					272 - 00023D
					273 - 000001
					350 - 600001
HSTCU (CHAN A)	21070	00:11	23SEP22	VAR CIRCUITRY	270 - 000001
					271 - 178005
					272 - 00063D
					273 - 000001
					350 - 600001
DCU 2	21063	19:00	21SEP22	NO R-DCU-3 OUT	242 - 051080
					350 - 000000
					351 - 000000
					352 - 000100
DCU 2	21061	12:13	21SEP22	VAR CIRCUITRY	242 - 050000
					350 - 000800
					351 - 000010
					352 - 000100
HSTCU (CHAN A)	21044	19:21	17SEP22	VAR CIRCUITRY	270 - 000001

RJ-7812B N447AW MDC Fault History (1).FLT

					271 - 178005
					272 - 00023D
					273 - 000001
					350 - 600001
HSTCU (CHAN A)	21043	15:35	17SEP22	VAR CIRCUITRY	270 - 000001
					271 - 1F8005
					272 - 00023D
					273 - 000001
					350 - 600001
HSTCU (CHAN A)	21042	12:52	17SEP22	VAR CIRCUITRY	270 - 000001
					271 - 178005
					272 - 00023D
					273 - 000001
					350 - 600001
HSTCU (CHAN A)	21041	11:44	17SEP22	VAR CIRCUITRY	270 - 000001
					271 - 1F8005
					272 - 00023D
					273 - 000001
					350 - 600001
HSTCU (CHAN A)	21040	02:37	17SEP22	VAR CIRCUITRY	270 - 000001
					271 - 1F8005
					272 - 00023D
					273 - 000001
					350 - 600001
HSTCU (CHAN A)	21039	00:02	17SEP22	VAR CIRCUITRY	270 - 000001
					271 - 1F8005
					272 - 00023D
					273 - 000001
					350 - 600001
IAPS IOC 1B	21038	22:11	16SEP22	INPUT BUS ERROR	350 - 600200
HSTCU (CHAN A)	21038	22:01	16SEP22	VAR CIRCUITRY	270 - 000001
					271 - 178005
					272 - 00023D
					273 - 000001
					350 - 600001
HSTCU (CHAN A)	21037	18:45	16SEP22	VAR CIRCUITRY	270 - 000001
					271 - 178005
					272 - 00023D
					273 - 000001
					350 - 600001
HSTCU (CHAN A)	21036	17:01	16SEP22	VAR CIRCUITRY	270 - 000001
					271 - 178005
					272 - 00023D
					273 - 000001
					350 - 600001
HSTCU (CHAN A)	21035	13:46	16SEP22	VAR CIRCUITRY	270 - 000001
					271 - 1F8005
					272 - 00023D

RJ-7812B N447AW MDC Fault History (1).FLT

					273 - 000001
					350 - 600001
HSTCU (CHAN A)	21034	21:19	15SEP22	VAR CIRCUITRY	270 - 000001
					271 - 1F8005
					272 - 00023D
					273 - 000001
					350 - 600001
HSTCU (CHAN A)	21033	18:56	15SEP22	VAR CIRCUITRY	270 - 000001
					271 - 178005
					272 - 00023D
					273 - 000001
					350 - 600001
DME 2	21033	18:56	15SEP22	VAR CIRCUITRY	350 - 000742
IAPS IOC 2A	21032	16:50	15SEP22	INPUT BUS ERROR	350 - 600200
HSTCU (CHAN A)	21032	16:45	15SEP22	VAR CIRCUITRY	270 - 000001
					271 - 178005
					272 - 00023D
					273 - 000001
					350 - 600001
DME 2	21031	14:22	15SEP22	VAR CIRCUITRY	350 - 080742
HSTCU (CHAN A)	21031	13:55	15SEP22	VAR CIRCUITRY	270 - 000001
					271 - 1F8005
					272 - 00023D
					273 - 000001
					350 - 600001
HSTCU (CHAN A)	21030	21:47	14SEP22	VAR CIRCUITRY	270 - 000001
					271 - 178005
					272 - 00023D
					273 - 000001
					350 - 600001
DME 2	21030	21:47	14SEP22	VAR CIRCUITRY	350 - 000742
HSTCU (CHAN A)	21029	19:02	14SEP22	VAR CIRCUITRY	270 - 000001
					271 - 1F8005
					272 - 00023D
					273 - 000001
					350 - 600001
DME 2	21029	19:02	14SEP22	VAR CIRCUITRY	350 - 000742
HSTCU (CHAN A)	21028	17:06	14SEP22	VAR CIRCUITRY	270 - 000001
					271 - 178005
					272 - 00023D
					273 - 000001
					350 - 600001
DME 2	21028	17:06	14SEP22	VAR CIRCUITRY	350 - 000742
DME 2	21027	17:06	14SEP22	VAR CIRCUITRY	350 - 000742
HSTCU (CHAN A)	21027	14:36	14SEP22	VAR CIRCUITRY	270 - 000001
					271 - 1F8005
					272 - 00023D
					273 - 000001

RJ-7812B N447AW MDC Fault History (1).FLT

					350 - 600001
IAPS IOC 1B	21026	13:06	14SEP22	INPUT BUS ERROR	350 - 600200
HSTCU (CHAN A)	21026	12:48	14SEP22	VAR CIRCUITRY	270 - 000001
					271 - 178005
					272 - 00023D
					273 - 000001
					350 - 600001
HSTCU (CHAN A)	21025	10:40	14SEP22	VAR CIRCUITRY	270 - 000001
					271 - 178005
					272 - 00023D
					273 - 000001
					350 - 600001
HSTCU (CHAN A)	21024	02:26	14SEP22	VAR CIRCUITRY	270 - 000001
					271 - 1F8005
					272 - 00023D
					273 - 000001
					350 - 600001
HSTCU (CHAN A)	21023	00:08	14SEP22	VAR CIRCUITRY	270 - 000001
					271 - 178005
					272 - 00023D
					273 - 000001
					350 - 600001