

BOMBARDIER
CHALLENGER



REG. NO: N300ER
Make: BOMBARDIER INC
Model: BD-100-1A10
A/C SN: 20428
W/O: 2022



Advanced Leesburg

1005 Sycolin Road Suite 106
Leesburg, VA 20175
Phone: 703-443-4739

Date: 2/2/2023
ACTT: 2307.6

Airframe Entries

- Removed #1 Saft Ni-Cad Battery, pn 441CH1 sn A05738, for Regular Check IAW Saft CMM 24-30-12 including a deep cycle and capacity test. All checks good, capacity tested at 113.8% (68.3 minutes). Reinstalled #1 Battery after check completion. Ops checked good at this time.
- Removed #2 Saft Ni-Cad Battery, pn 441CH1 sn B02683, for Regular Check IAW Saft CMM 24-30-12 including a deep cycle and capacity test. All checks good, capacity tested at 123% (73.8 minutes). Reinstalled #1 Battery after check completion. Ops checked good at this time.
- Complied with Potable Water Sterilization in reference to Challenger 300 MM 12-15-00.

I certify this aircraft has been inspected per FAR 91.409 (f) (3), in accordance with above inspection items, was determined to be in airworthy condition with respect to the work performed and is approved for return to service.

DATE: 2/2/2023

SIGNED:

Jason Getz, A&P: 3674222

A handwritten signature in black ink, appearing to be "J. Getz", written over a horizontal line.

Work Order: 2022

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AIRSHARE
3406 N Jabara Road Wichita, KS 67226

Make: BOMBARDIER Model: BD-100-1A10 S/N: 20428 Reg: N300ER
ACTT: 2249.0 Lands: 1229

COMPLETED THE FOLLOWING INSPECTIONS:

Complied with 135 Inspection requirements.

This Aircraft will be maintained in accordance with Bombardier TLMC, and STLMC manuals. This complies with FAR Part 135.411 (a) (1), and FAR 91.409(f) (3).

C/W 49-91-00-501 - APU - CHECK QUANTITY OF OIL SUPPLY IN APU

C/W 600HR TASKS: 31-61-13-301

C/W 1200HR TASKS: 11-30-30-601, 21-30-00-302, 21-31-00-302, 21-61-07-301, 25-21-00-601, 25-21-00-602, 25-30-00-601, 25-30-00-602, 27-11-00-202-1, 27-11-00-202-2, 27-31-01-301, 27-32-00-301, 29-21-00-301, 32-34-00-302, 32-34-00-303, 32-44-13-301, 33-20-00-601, 38-10-00-602,

C/W 36 MONTH TASKS: 23-51-05-201, 23-61-01-201, 256115-0101B, 256115-0102B, 262301A-1, 35-00-00-301, 52-11-00-205, 53-ZL-00-328, 57-ZL-00-216

C/W 60 MONTH TASKS: 275235 FPU Ecology Bottle P/N 175A0000-01 S/N Unknown

THE FOLLOWING AD'S HAVE BEEN ACCOMPLISHED:

2014-05-23 N/A per S/N of Installed DCPC

2016-02-05 C/W by installation of SB100-34-38 see log entry 5-22-2015

2019-03-29 C/W by installation of SB100-32-31 R3 see log entry 11-26-2018

2019-07-06 N/A per S/N of actuators. See log entry 7-25-2021

2021-09-16 Verified Revision of FM Rev 69 TR-93.

2021-10-26 N/A per aircraft S/N

2021-14-01 N/A per aircraft S/N

2021-25-07 Missing Secondary Locking Device on Main Landing Gear Side Stay Actuator. Inspected I/A/W SB 100-32-36

THE FOLLOWING SB'S HAVE BEEN ACCOMPLISHED:

SB 100-27-21 Special Check/Modification-Pitch Trim System-Replacement of Pitch Trim Switches, S/N N/A

SB 100-32-36 Special Check/Modification-Landing Gear-Inspection and Installation of Lockwire to Side Brace Actuator Nut

PERFORMED THE FOLLOWING MAINTENANCE ITEMS:

C/W Weight and Balance, aircraft weighed with Engines, APU, Lavatory & Potable water serviced full. Life Rafts Removed.

New Empty Weight 23632.4 Arm 606.75 Moment 14339015.28 %MAC 44.6

Installed new cockpit portable fire extinguisher P/N 30H673 S/N H13681680

Installed new lavatory fire extinguisher P/N 466090 S/N H10901550

I certify this Aircraft has been inspected in accordance with FAR91.409 (f) (3) & was determined to be in airworthy condition with respect to the inspections or maintenance listed above and is approved for return to service.

Signed:  W/O No.11955 A&P No. 3461558 Date: 10/13/2022

REG. NO: N300ER
Make: BOMBARDIER INC
Model: BD-100-1A10
A/C SN: 20428
W/O: 2272



Advanced Leesburg

1005 Sycolin Road Suite 106
Leesburg, VA 20175
Phone: 703-443-4739

Date: 1/6/2023
ACTT: 2290.1
LNDGS: 1247

Airframe Entries

· Complied with O2 Service request.

Serviced O2 per chart on airframe.

· Complied with Tire Service request.

Complied with Tire pressure check and found RH Outbd tire to be lower in pressure but not depleted. Serviced tire and complied with leak check. Found leak at Overinflation Plug. Complied with Jacking of Gear Leg to F.O.M. Released air from Tire and removed Overinflation Plug. Installed New Plug with 1 O-ring PN: 68-1448 and 2 O-ring PN: NAS1611-112. Overinflation Plug PN OFF/ON: 49-355. NSN OFF or ON. Worked performed in reference to Goodrich Corp CMM 32-48-28. Inflated Tire and Complied with Leak Check. No leaks noted at this time. Down Jacked Gear Leg and C/W Loaded Tire Pressure check. No Defects noted at this time.

· Complied with discrepancy for Found Cabin Emergency Door Handle Cover laying on floor.
Resecured Velcro on Panel and reinstalled Cabin Emergency Door Handle Cover as required. No further defects noted at this time.

I certify this AIRCRAFT has been repaired and inspected in accordance with the current Federal Aviation Regulations and was determined to be in airworthy condition with respect to the work performed and is approved for return to service.

DATE: 1/6/2023

SIGNED:

Jason Getz, A&P: 3674222

Work Order: 2272

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BOMBARDIER

Aircraft Registration: N300ER	Serial Number: 20428	Model: BD100	Page 1 of 1
Total Time: 2248.5	Landings: 1228	Date: 26SEP2022	Hobbs Meter: N/A

SVO Control #	Complied With The Following Maintenance Items:
0003	REPLACED RIU#1 WITH OVERHAULED UNIT IAW CL300 MM 23-51-21 REV 77, SYSTEM OPS CHECKED GOOD.
0005	REPLACED CORE MODULE #4 AND #6 WITH REPAIRED (CUSTOMER SUPPLIED) UNITS IAW CL300 SMM 44-10-25 REV 2, SYSTEM OPS CHECKED GOOD.

The Following Serialized Parts Were Replaced:						
SVO Control #	Part Name	P/N Off	S/N Off	P/N On	S/N On	Status
0003	RIU#1	822-1469-652	429T15	822-1469-652	4F2K9K	OVERHAUL ED
0005	CORE MODULE#4	PCS2306-001-001	013009	PCS2306-001-001	011488	REPAIRED
0005	CORE MODULE#6	PCS2306-001-001	013011	PCS2306-001-001	010085	REPAIRED

I certify that the work described above was accomplished and inspected in accordance with current manufacturer's specifications and with current FAA regulations and is approved for return to service for the work performed only. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS FACILITY UNDER W/O#: 253063

Troy A. Moreland	Signature :  	Date : 26SEP2022
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Learjet Inc., Wichita Service Center, One Learjet Way, Wichita, Kansas, USA 67209-2942 CRS# LK2R981K

COLGAN AIR SERVICES

2709 FANTA REED RD.

LACROSSE, WI 54603

Aircraft: N300ER Model: Challenger 300 S/N: 20428

Date: 08-23-2022 ACTT: 2247.8 Landings: 1227

1. Removed the #2 main wheel P/N 3-1609-1, S/N 2667, and tire P/N 269K43-2, S/N 12630927 in accordance with task 32-41-01-000-801. A new tire P/N 269K43-2, S/N 21220906, had previously been installed on to an overhauled spare wheel assy. P/N 3-1609-1, S/N D0114, and allowed to stretch for at least 24 hours. Installed the overhauled wheel and tire assembly on the aircraft in accordance with task 32-41-01-400-801. See Aircraft Specialties, Inc. FAA form 8130-3 dated 19 AUG, 2022 for the wheel overhaul.

I certify that this aircraft has been inspected and the above described maintenance was determined to be in an airworthy condition in accordance with the instructions and procedures for an inspection program required by FAR 91.409(f)(3), and is approved for return to service.

Bryan Deters

Bryan Deters A&P3272302

COLGAN AIR SERVICES

2709 FANTA REED RD.

LACROSSE, WI 54603

Aircraft: N300ER Model: CHALLENGER 300 S/N: 20428

Date: 08-01-2022 ACTT: 2245.9 Landings: 1225

1. Reinstalled the #1 forward closet life raft, P/N 46FASA-6K2-1-201, S/N 4UL-02744, after overhaul. See Aerospace Services and Products, Inc. FAA form 8130-3 dated 26 July, 2022.
2. Reinstalled the #2 forward closet life raft, P/N 46FASA-6K2-1-201, S/N 4UL-02743, after overhaul. See Aerospace Services and Products, Inc. FAA form 8130-3 dated 26 July, 2022.
3. Reinstalled the aft cabinet life raft, P/N 46FASA-6K2-1-201, S/N 4UL-02742, after overhaul. See Aerospace Services and Products, Inc. FAA form 8130-3 dated 26 July, 2022.
4. Replaced the lamp, P/N 8GH409570-28, seal, P/N 9GD409996-00, and lens assembly, P/N 9ELA11007-00, for the cargo loading light. Operational check was normal.

I certify that this aircraft has been inspected and the above described maintenance was determined to be in an airworthy condition in accordance with the instructions and procedures for an inspection program required by FAR 91.409(f)(3), and is approved for return to service.

Bryan Deters

Bryan Deters A&P3272302



18872 MacArthur Blvd, STE 420
Irvine, CA 92612
(818) 730-7578

INSPECTION / MAINTENANCE RECORD

MODEL: BD-100-1A10 (Challenger 300)
SERIAL NO: 20428
REGISTRATION: N300ER
DATE: 6/24/2022

W/O: 204282206-24
ACTT: 2196.3
ACTL: 1205

1. All 3 original Life Rafts removed for service, P/N: 46FASA-6K-1-201, S/N's: 4UL-02742, 4UL-02743, 4UL-02744. Loaner Life Raft installed in aft baggage compartment, P/N: 1015FAUL-630-1-100, S/N: 10UL-01588 (FAR Part 135), Overhauled by Aerospace Services and Products, CRS: W43R729Y, Inc, under W/O: 23794 dated 11/5/2020. Next overhaul due 11/05/2023.
2. Aircraft Weight & Balance / Equipment List revised. Passenger briefing cards modified to reflect correct emergency equipment location of single life raft.

End

The above was performed in accordance with current Federal Aviation Regulations IAW FAR 91.409(f)(3) and is approved for return to service with regards to the maintenance accomplished. Further records are retained in the aircraft permanent record files.

Print Name: Eric Young
Director of Maintenance

Authorized Signature: _____

K4DA454J

Continued →

3. Chapter 5 Task 25-62-00-614, restoration of the Maglite flashlights.
4. Chapter 5 Task 27-11-17-201, lubrication of the aileron brush seals.
5. Chapter 5 Task 27-52-13-201, lubrication of the inboard and outboard actuators for the left and right flaps.
6. Chapter 5 Task 32-11-00-206, lubrication of the main landing gear components.
7. Chapter 5 Task 32-21-00-205, lubrication of the nose landing gear components.
8. Chapter 5 Task 38-10-00-603, sterilization of the potable water system.
9. Chapter 5 Task 25-63-00-202, by discarding the Artex ELT battery and installing a new battery P/N 452-0133, S/N 395980-024. See ARC Electronics FAA form 8130-3 dated 10 June, 2022. Performed the operational test in accordance with FAR 91.207(d). ELT battery is next AUG. 2027.
10. Removed the expired MedAire kit P/N AFAK1.0RX, S/N 011018019, and installed a refurbished MedAire kit P/N AFAK1.0, S/N 052407006. Refurbished kit expires 30 June 2023.
11. Complied with Bombardier Inc. A.D. 2022-12-02, amend. 39-22073, dated June 21, 2022 by verifying that Temporary Revision TR-92, dated 12-20-2021, is incorporated in the Non-Normal Procedures chapter of the AFM. Also verified that Revision 67, dated 03-29-2022 is incorporated in the Normal Procedures chapter of the AFM

I certify that this aircraft has been inspected and the above described maintenance was determined to be in an airworthy condition in accordance with the instructions and procedures for an inspection program required by FAR 91.409(f)(3), and is approved for return to service

Bryan Deters

Bryan Deters A&P3272302

COLGAN AIR SERVICES

2709 FANTA REED RD.

LACROSSE, WI 54603

Aircraft: N300ER Model: CHALLENGER 300 S/N: 20428

Date: 06-24-2022 ACTT: 2196.3 Landings: 1205

Complied with the following BD-100 Chapter 5 Tasks as called out in the 600-hour inspection package 05H0600:

1. Task 22-22-01-301, operational test of the yaw dampener linear-action.
2. Task 26-21-00-306, operational test of the left and right engine fire push button annunciators.
3. Task 26-21-00-307, operational test of the APU push button annunciator.
4. Task 27-11-00-301, operational test of the aileron disconnect system.
5. Task 28-13-00-301, operational test of the fuel vent system.
6. Task 29-00-00-106, operational test of the power transfer unit.
7. Task 29-12-33-301, operational test of the firewall hydraulic shut-off valves.
8. Task 29-21-17-301, visual check of the accumulator charge manifold.
9. Task 31-52-17-301, operational test of the aural warning control panel.
10. Task 31-61-00-301, operational test of the electronic flight-instrument system.
11. Task 32-43-00-201, detailed inspection of the brake wear indicators.
12. Task 32-44-05-301, functional test of the brake accumulators.
13. Task 35-12-00-301, operational test of the oxygen contents indicating system.
14. Task 80-11-00-202, discard of the engine air turbine starter oil for the left and right engines.

Complied with the following BD-100 Chapter 5 Tasks as called out in the 12-month inspection package 05C012:

1. Task 24-00-00-501, operational check (cycling) of the thermal circuit breakers.
2. Task 24-20-00-601, operational test of the ground fault interrupters.
3. Task 24-32-05-302, operational tests of the integrated standby-instrument battery capacity.
4. Task 25-62-00-604, inspection of the first aid kit seal.
5. Task 25-63-00-201, operational check of the ELT.
6. Task 25-62-00-612, detailed inspection of the left #1 passenger seat life vest.
7. Task 25-62-00-612, detailed inspection of the right #1 passenger seat life vest.
8. Task 25-62-00-612, detailed inspection of the left #2 passenger seat life vest.
9. Task 25-62-00-612, detailed inspection of the right #2 passenger seat life vest.
10. Task 25-62-00-612, detailed inspection of the left #3 passenger seat life vest.
11. Task 25-62-00-612, detailed inspection of the right #3 passenger seat life vest.
12. Task 25-62-00-612, detailed inspection of the left #4 passenger seat life vest.
13. Task 25-62-00-612, detailed inspection of the right #4 passenger seat life vest.
14. Task 25-62-00-612, detailed inspection of the aft lavatory life vest.
15. Task 25-62-00-613, detailed inspection of the #1 forward life raft.
16. Task 25-62-00-613, detailed inspection of the #2 forward life raft.
17. Task 25-62-00-613, detailed inspection of the #3 aft life raft.

Also completed the following items:

1. Chapter 5 Task 24-32-01-201 and Task 24-32-01-302 on the #1 aircraft battery, P/N 441CH1, S/N A05738, by performing the functional test and the restoration of the aircraft battery in accordance with the BD-100 AMM Task 24-32-01-720-801 and Task 24-32-01-610-801 and the SAFT CMM 24-30-12. No defects noted.
2. Chapter 5 Task 24-32-01-201 and Task 24-32-01-302 on the #2 aircraft battery, P/N 441CH1, S/N B02683, by performing the functional test and the restoration of the aircraft battery in accordance with the BD-100 AMM Task 24-32-01-720-801 and Task 24-32-01-610-801 and the SAFT CMM 24-30-12. No defects noted.

COLGAN AIR SERVICES

2709 FANTA REED RD.

LACROSSE, WI 54603

Aircraft: N300ER Model: CHALLENGER 300 S/N: 20428

Date: 05-09-2022 ACTT: 2115.0 Landings: 1169

1. Complied with the Chapter 5 Task 33-51-17-201, restoration of the emergency lighting power supplies in accordance with the BD-100 AMM Task 33-51-00-720-801. Replaced the forward power supply battery and holder assembly P/N 2013-1A, S/N 496520, with a new battery and holder assy. P/N 2013-1A, S/N 509660. See Radiant Power Corp. Authorized Release Certificate dated 09 DEC., 2021. Replaced the rear power supply battery and holder assembly P/N 2013-1A, S/N 501487, with a new battery and holder assy. P/N 2013-1A, S/N 509665. See Radiant Power Corp. Authorized Release Certificate dated 09 DEC., 2021. Operational check was normal.
2. Completed the Chapter 5 Task 33-51-00-602 by performing the restoration of the emergency escape path lighting power supply in accordance with the BD-100 SMM Task 33-51-00-610-801. Operational check was normal.
3. Complied with the Chapter 5 Task 33-51-00-603 by performing the operational test of the interior emergency lights in accordance with the SMM Task 33-50-00-710-801.
4. Complied with the Chapter 5 Task 26-10-00-604 by inspecting and cleaning the baggage compartment smoke detector in accordance with the SMM Task 26-11-00-610-801 and the Kidde Aerospace CMM 26-10-73. No defects were noted.
5. Due to the plating coming off, removed the lavatory sink drain assembly and installed a new drain assembly P/N 254-45000-091-043.
6. Complied with the Chapter 5 Task 24-31-09-202 by lubricating the APU generator shaft splines in accordance with the AMM Task 12-22-00-640-821.

I certify that this aircraft has been inspected and the above described maintenance was determined to be in an airworthy condition in accordance with the instructions and procedures for an inspection program required by FAR 91.409(f)(3), and was determined to be in an airworthy condition and is approved for return to service.



Bryan Deters A&P3272302

COLGAN AIR SERVICES

2709 FANTA REED RD.

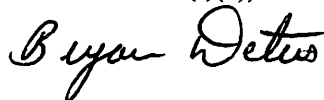
LACROSSE, WI 54603

Aircraft: N300ER Model: CHALLENGER 300 S/N: 20428

Date: 06-01-2022 ACTT: 2152.8 Landings: 1186

1. Removed and replaced the right logo light lamp P/N Q4591. Logo light operational check was normal.

I certify that this aircraft has been inspected and the above described maintenance was determined to be in an airworthy condition in accordance with the instructions and procedures for an inspection program required by FAR 91.409(f)(3), and is approved for return to service.



Bryan Deters A&P3272302



19301 Campus Drive Suite 202
Santa Ana, CA 92707
(818) 730-7578

INSPECTION / MAINTENANCE RECORD

MAKE / MODEL: BOMBARDIER, BD-100-1A10
SERIAL NO: 20428
REGISTRATION: N300ER
DATE: 3/31/2022

ACTT: 2056.7
ACTL: 1133

1. This aircraft has been inspected and has been determined to be in compliance per AC 135-44, Appendix A, dated 9/25/2018, and shall be maintained per FAR 91.409 (f) (3), under FAA approved Air Carrier certificate (K4DA454J).

End

The above was performed in accordance with current Federal Aviation Regulations and is approved for return to service with regards to the maintenance accomplished.

Print Name: Eric Young
Director of Maintenance

Authorized Signature: _____

K4DA454J



Reg. #:	N300ER	Date:	April 15, 2022	Work Order:	LD1MA
Make:	BOMBARDIER	Model:	BD-100-1A10		
		Designator:	Challenger 300		
Aircraft S/N:	20428	TT:	2073.6	Landings:	1149

Performed the following manufacturer's maintenance items in accordance with Bombardier Aerospace Challenger 300 Time Limits and Maintenance Checks (TLMC) Revision 22 and Maintenance Planning Document (MPD) Revision 20:

• 450 Landing Inspections:

- 57-50-00-107*: 450 CYC Detailed Inspection Of The Flap Structure For Actuator Disconnected
- 27-50-00-107*: 450 CYC Detailed Inspection Of The Inboard And Outboard Flap Actuator
- 27-50-00-108*: 450 CYC Functional Test Of The Inboard And Outboard Flap Actuators

The above described repair or maintenance is approved for return to service. A detailed record is on file under work order LD1MA.

Signed: _____

Duncan RII 731

For Duncan Aviation Repair Station JGVR194F Phone: 800-228-4277

I certify this aircraft has been inspected in accordance with a 450 Landing Inspection to comply with the requirements of FAR 91.409 f (3) and is approved for return to service. A detailed record is on file under work order LD1MA.

Signed: _____

Duncan RII 731

For Duncan Aviation Repair Station JGVR194F Phone: 800-228-4277

N300ER

April 15, 2022

Page 1 of 1

COLGAN AIR SERVICES

2709 FANTA REED RD.

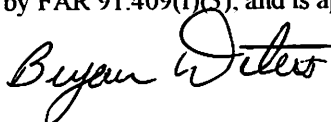
LACROSSE, WI 54603

Aircraft: **N300ER** Model: **CHALLENGER 300** S/N: **20428**

Date: **03-28-2022** ACTT: **2056.7** Landings: **1133**

1. Removed the pilot's and co-pilot's oxygen outlet assemblies in accordance with the AMM Task 35-11-13-000-801. Installed new oxygen outlet assemblies P/N DPB181-06 in accordance with AMM Task 35-11-13-400-801. Leak check - good.
2. Due to the mask assembly leaking, removed the pilot's oxygen mask P/N MC20-019, S/N B141248I, in accordance with the BD-100 AMM Task 35-11-07-000-801 and installed an overhauled mask P/N MC20-019, S/N B 142523I, in accordance with AMM Task 35-11-07-400-801. See Safran Aerosystems Services FAA form 8130-3 dated 16 MAR. 2022. System no longer loses pressure when the mask is connected.
3. Due to the mask assembly leaking, removed the pilot's oxygen mask P/N MC20-019, S/N B141255, in accordance with the BD-100 AMM Task 35-11-07-000-801 and installed an overhauled mask P/N MC20-019, S/N B 146841I, in accordance with AMM Task 35-11-07-400-801. See Safran Aerosystems Services FAA form 8130-3 dated 15 MAR. 2022. System no longer loses pressure when the mask is connected.

I certify that this aircraft has been inspected and the above described maintenance was determined to be in an airworthy condition in accordance with the instructions and procedures for an inspection program required by FAR 91.409(f)(3), and is approved for return to service.



Bryan Deters A&P3272302

COLGAN AIR SERVICES

2709 FANTA REED RD.

LACROSSE, WI 54603

Aircraft: **N300ER** Model: **CHALLENGER 300** S/N: **20428**

Date: **03-30-2022** ACTT: **2056.7** Landings: **1133**

1. Complied with Bombardier **A.D. 2022-03-11**, amend. 39-21928, dated March 17, 2022, by verifying that Section 05-23, Flight Controls, of Chapter 5, Non-Normal Procedures, were incorporated in the Airplane Flight Manual CSP 100-1. Revision 61, dated Sept. 25, 2020 is incorporated.

I certify that this aircraft has been inspected and the above described maintenance was determined to be in an airworthy condition in accordance with the instructions and procedures for an inspection program required by FAR 91.409(f)(3), and is approved for return to service.



Bryan Deters A&P3272302

COLGAN AIR SERVICES

2709 FANTA REED RD.

LACROSSE, WI 54603

Aircraft: N300ER Model: Challenger 300 S/N: 20428

Date: 03-17-2022 ACTT: 2050.2 Landings: 1130

1. Removed the left nose wheel P/N 3-1610-1, S/N 1665, and tire P/N 185K03-1, S/N 92402617 in accordance with task 32-42-01-000-801. Removed the old tire and the bearings from the wheel and cleaned all parts. Inspected the wheel assembly in accordance with the "Tire Change Inspection" as called out in the Goodrich component maintenance manual, 32-48-29, for the nose wheel assembly P/N 3-1610-1. Assembled the wheel with a new tire P/N 185K03-1, S/N 12260606, and packing P/N 68-448. Balanced the wheel and tire assembly. Serviced tire with nitrogen and bearings packed with SHC-100 grease. Installed the wheel in the left position in accordance with BD-100 AMM Task 32-42-01-400-801.
2. Removed the right nose wheel P/N 3-1610-1, S/N 1669, and tire P/N 185K03-1, S/N 92392628 in accordance with task 32-42-01-000-801. Removed the old tire and the bearings from the wheel and cleaned all parts. Inspected the wheel assembly in accordance with the "Tire Change Inspection" as called out in the Goodrich component maintenance manual, 32-48-29, for the nose wheel assembly P/N 3-1610-1. Assembled the wheel with a new tire P/N 185K03-1, S/N 1200616, and packing P/N 68-448. Balanced the wheel and tire assembly. Serviced tire with nitrogen and packed bearings with SHC-100 grease. Installed the wheel in the right position in accordance with BD-100 AMM Task 32-42-01-400-801.
3. Removed the #1 main wheel P/N 3-1609-1, S/N 2644, and tire P/N 269K43-2, S/N 91573017 in accordance with Task 32-41-01-000-801. Removed the old tire and bearings from the wheel. Cleaned all parts and inspected in accordance with the "Tire Change Inspection" as called out in the Goodrich component maintenance manual, 32-48-28, for the main wheel assembly P/N 3-1609-1. Installed a new tire P/N 269K43-2, S/N 12630929, on to the wheel using a new packing P/N 68-1413. Serviced the tire with nitrogen. Wheel bearings were packed with Mobil SHC 100 grease and the wheel was reinstalled in the #2 position in accordance with Task 32-41-01-400-801.

I certify that this aircraft has been inspected and the above described maintenance was determined to be in an airworthy condition in accordance with the instructions and procedures for an inspection program required by FAR 91.409(f)(3), and is approved for return to service.



Bryan Deters A&P3272302

COLGAN AIR SERVICES

2709 FANTA REED RD.

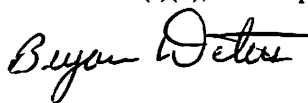
LACROSSE, WI 54603

Aircraft: N300ER Model: **CHALLENGER 300** S/N: 20428

Date: 02-07-2022 ACTT: 1998.9 Landings: 1104

1. Complied with A.D. 74-08-09R3, amend. 39-16951, dated March 28, 2012 by visual inspection of the waste receptacles in accordance with paragraph (k). No defects were noted at this time. A.D. 74-08-09R3 is next due at ACTT: 2998.9.

I certify that this aircraft has been inspected and the above described maintenance was determined to be in an airworthy condition in accordance with the instructions and procedures for an inspection program required by FAR 91.409(f)(3), and is approved for return to service.



Bryan Deters A&P3272302

COLGAN AIR SERVICES

2709 FANTA REED RD.

LACROSSE, WI 54603

Aircraft: N300ER Model: **CHALLENGER 300** S/N: 20428

Date: 02-14-2022 ACTT: 2008.9 Landings: 1112

1. Complied with A.D. 2021-23-14, amend. 39-21812, dated JAN. 10, 2022 by verifying that Section 03-19, Electrical, of Chapter 03, Emergency Procedures, and Section 05-19, Electrical, of Chapter 05, Non-Normal Procedures, were incorporated in the Airplane Flight Manual CSP 100-1. Note: The AFM is currently at Revision 66.

I certify that this aircraft has been inspected and the above described maintenance was determined to be in an airworthy condition in accordance with the instructions and procedures for an inspection program required by FAR 91.409(f)(3), and is approved for return to service.



Bryan Deters A&P3272302

COLGAN AIR SERVICES

2709 FANTA REED RD.

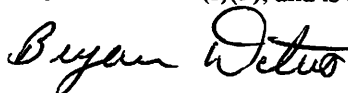
LACROSSE, WI 54603

Aircraft: N300ER Model: **CHALLENGER 300** S/N: 20428

Date: 03-04-2022 ACTT: 2028.0 Landings: 1122

1. Complied with Bombardier A.D. 2021-09-17, amend. 39-21531, dated June 23, 2021 by inspection of the multi-function spoiler PCU's in accordance with Bombardier Service Bulletin 100-27-17 Rev. 03. Found that none of the PCU's are affected due to the S/N's installed. MFS PCU S/N's are as follows: Left outboard - 1839, Left inboard - 1827, Right outboard - 1842, Right inboard - 1837.

I certify that this aircraft has been inspected and the above described maintenance was determined to be in an airworthy condition in accordance with the instructions and procedures for an inspection program required by FAR 91.409(f)(3), and is approved for return to service.



Bryan Deters A&P3272302

COLGAN AIR SERVICES

2709 FANTA REED RD.

LACROSSE, WI 54603

Aircraft: N300ER Model: Challenger 300 S/N: 20428

Date: 12-06-2021 ACTT: 1932.4 Landings: 1072

1. Removed the #2 main wheel P/N 3-1609-1, S/N 2667, and tire P/N 269K43-2, S/N 91403182 in accordance with Task 32-41-01-000-801. Removed the old tire and bearings from the wheel. Cleaned all parts and inspected in accordance with the "Tire Change Inspection" as called out in the Goodrich component maintenance manual, 32-48-28, for the main wheel assembly P/N 3-1609-1. Installed a new tire P/N 269K43-2, S/N 12630927, on to the wheel using a new packing P/N 68-1413. Serviced the tire with nitrogen. Wheel bearings were packed with Mobil SHC 100 grease and the wheel was reinstalled in the #2 position in accordance with Task 32-41-01-400-801.

I certify that this aircraft has been inspected and the above described maintenance was determined to be in an airworthy condition in accordance with the instructions and procedures for an inspection program required by FAR 91.409(f)(3), and is approved for return to service.



Bryan Deters A&P3272302

COLGAN AIR SERVICES

2709 FANTA REED RD.

LACROSSE, WI 54603

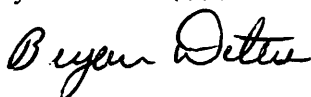
Aircraft: N300ER Model: CHALLENGER 300 S/N: 20428

Date: 01-07-2022 ACTT: 1962.1 Landings: 1085

Completed the following Tasks:

1. Complied with A.D. 2021-23-12, amend. 39-21810, dated 12-09-2021, 5G C-band wireless broadband interference restrictions by inserting a copy of this A.D. into the Limitations Section of the AFM. No further action is required.
2. Completed the inspection items as called out in the 400 hour Inspection Package 05H0400 which included Tasks 27-50-00-106, functional test of the flap alternate hydraulic system, and Task 45-76-00-201, special detailed inspection of the engine fault and diagnostic data for both engines. No faults were noted at this time.
3. Chapter 5 Task 24-32-01-201, functional test of the #1 aircraft battery P/N 441CH1, S/N A05738, in accordance with the BD-100 AMM Task 24-32-01-720-801 and the SAFT CMM 24-30-12. No defects noted.
4. Chapter 5 Task 24-32-01-201, functional test of the #2 aircraft battery P/N 441CH1, S/N B02683, in accordance with the BD-100 AMM Task 24-32-01-720-801 and the SAFT CMM 24-30-12. No defects noted.
5. Chapter 5 Task 38-10-00-603, sterilization of the potable water system in accordance with the BD-100 SMM Task 12-15-00-670-801.
6. Completed the Chapter 5 Task 24-32-05-101, restoration of the ISI battery, by removing the ISI battery P/N 100-2410-02, S/N 1128623 I/A/W AMM Task 24-32-05-000-801 and installing a repaired unit P/N 100-2410-02, S/N 1147900, I/A/W AMM Task 24-32-05-400-801. See Duncan Aviation FAA form 8130-3 dated 08 Dec, 2021.
7. Chapter 5 Task 24-32-05-302, by performing the operational test of the ISI battery capacity in accordance with the BD-100 AMM Task 24-32-05-710-801. No defects were noted at this time.
8. Replaced the co-pilot's overhead reading light lamp P/N 8GH004554-28, I/A/W the BD-100 AMM Task 33-13-05-960-801. Ops check - Good.
9. Removed and replaced the left logo light lamp P/N Q4591. Ops check - Good

I certify that this aircraft has been inspected and the above described maintenance was determined to be in an airworthy condition in accordance with the instructions and procedures for an inspection program required by FAR 91.409(f)(3), and is approved for return to service.



Bryan Deters A&P3272302

COLGAN AIR SERVICES

2709 FANTA REED RD.

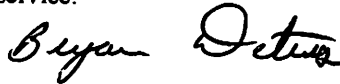
LACROSSE, WI 54603

Aircraft: N300ER Model: Challenger 300 S/N: 20428

Date: 09-27-2021 ACTT: 1870.9 Landings: 1032

1. Removed the #3 main wheel P/N 3-1609-1, S/N 2595, and tire P/N 269K43-2, S/N 73452871 in accordance with Task 32-41-01-000-801. Removed the old tire and bearings from the wheel. Cleaned all parts and inspected in accordance with the "Tire Change Inspection" as called out in the Goodrich component maintenance manual, 32-48-28, for the main wheel assembly P/N 3-1609-1. Installed a new tire P/N 269K43-2, S/N 11840407, on to the wheel using a new packing P/N 68-1413. Serviced the tire with nitrogen. Wheel bearings were packed with Mobil SHC 100 grease and the wheel was reinstalled in the #3 position in accordance with Task 32-41-01-400-801.

I certify that this aircraft has been inspected and the above described maintenance was determined to be in an airworthy condition in accordance with the instructions and procedures for an inspection program required by FAR 91.409(f)(3), and is approved for return to service.



Bryan Deters A&P3272302

COLGAN AIR SERVICES

2709 FANTA REED RD.

LACROSSE, WI 54603

Aircraft: N300ER Model: Challenger 300 S/N: 20428

Date: 09-30-2021 ACTT: 1880.8 Landings: 1039

1. Removed the #4 main wheel P/N 3-1609-1, S/N 2922, in accordance with Task 32-41-01-000-801. Removed the old tire and bearings from the wheel. Cleaned all parts and inspected in accordance with the "Tire Change Inspection" as called out in the Goodrich component maintenance manual, 32-48-28, for the main wheel assembly P/N 3-1609-1. Installed a new tire P/N 269K43-2, S/N 12280927, on to the wheel using a new packing P/N 68-1413. Serviced the tire with nitrogen. Wheel bearings were packed with Mobil SHC 100 grease and the wheel was reinstalled in the #4 position in accordance with Task 32-41-01-400-801.

I certify that this aircraft has been inspected and the above described maintenance was determined to be in an airworthy condition in accordance with the instructions and procedures for an inspection program required by FAR 91.409(f)(3), and is approved for return to service.



Bryan Deters A&P3272302

Performed the Following Maintenance.

- Removed and replaced drink cooler drain AFT drain line REF CL300 SPM 20-22-02.

This maintenance was performed in accordance with the manufacturer's maintenance manuals. All systems interrupted have been tested and/or leak checked as necessary.

I certify this **Aircraft** has been inspected with respect to work performed in accordance with FAR 91.409 (f) (3) and is approved for return to service. Pertinent details of all work performed are on file under work order number **2916**

Signed

For JetRight Aviation Maintenance, CRS# N9VR0841 Dwayne Biser

Aircraft SN: 20428	Aircraft TSN: 1813.2	Aircraft CSN: 976	Date: 07-25-2021	Page 3 of 3
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Adaptive Flight Display	822-1917-328	41FXR	822-1917-328	46TC1K	Overhauled
Flow Control Valve	60079A020000	00986	60079A020000	00307	Repaired

The Following Non-Serialized Parts Were Replaced:			
Part Name	P/N Off	P/N On	Status
Lanyard, Fuel Cap	MS27380-3 REV D	MS27380-3 REV D	New
Gasket- ATG Antenna	13121 Rev A	13121 Rev A	New

The Following FAR 91.411 & 91.413 (RVSM, CAMP, Task or IRN) Checks Were Complied With:	
Code:	Description:
34FAR-1	(24 M) Inspect/Test Pitot Static System (91.411)
34FAR-2	(24 M) Inspect/Test LH A1 – Air Data (ADC-3000) Computer (FAR 91.411)
34FAR-3	(24 M) Inspect/Test RH A2 – Air Data (ADC-3000) Computer (FAR 91.411)
34FAR-5	(24 M) Inspect/Test LEFT Equip Rack A31 – ATC (ModeS)(TDR94D) Transponder (FAR91.413)
34FAR-6	(24 M) Inspect/Test RIGHT Equip Rack A30 – ATC (ModeS)(TDR94D) Transponder (FAR91.413)
34FAR-8	(24 M) Inspect/Test CENTER Console (A90) (ISI) Integrated Standby Instrument (91.411)

The Following Calibrated Test Equipment were utilized:

Equipment: **Barfield DP500, S/N: 6576, Calibration Due Date: 02/05/2022**

Altimeter Systems Tests and Inspections required by F.A.R. 91.411 have been accomplished in accordance with F.A.R. Part 43 Appendix E, Paragraphs A, B, & C and found to meet or exceed FAR requirements. **The Altimeter(s) have been tested to 45,000 Feet. Per CL300 AMM 34-11-00.**

ADC No. 1 Part No.: 822-1109-020	Serial No.: 41H948
ADC No. 2 Part No.: 822-1109-020	Serial No.: 41H94T
Standby Altimeter Part No: C16786LA02	Serial No.: C16786006944

The Following FAR 91.413 Checks Were Complied With Utilizing The Following Calibrated Test Equipment:

Test Set IFR-6000, S/N: 6323, Calibration Due Date: 03/05/2022

ATC Transponder Tests and Inspections Required By F.A.R. 91.413 were performed and found to Comply With F.A.R. Part 43 Appendix F.

Transponder No. 1 Part No.: 822-2132-001	Serial No.: 499WM
Transponder No. 2 Part No.: 622-9210-501	Serial No.: 4LV72

Complied With The Following Maintenance Items:
Accomplished Bombardier Challenger 300 Level-1 Pre-Purchase Examination

I certify that this Aircraft has been inspected in accordance with the instructions and procedures for an inspection program required by FAR 91.409(f)(3) and is approved for Return To Service. **WO #: 241446**

Print Name & Signature	LASTENIE HADLEY	Date :	7-28-21	FAA CRS #L5VR603Y
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LEARJET INC, BOMBARDIER SERVICE CENTER
7336 AVIATION PLACE, DALLAS TX

32-11-00-205	96M-Detailed Inspection of the Axle Assembly (Both)
32-11-00-206	96M- Lubricate MLG and Components
32-11-00-207	96M- Detail Inspection of MLG (Both)
32-21-00-201	96M-Detailed Inspection of the Nose-Landing-Gear Trunnion Pins
32-21-00-202	96M-Detailed Inspection of the Nose-Landing-Gear Attachment Pins and Lugs
32-21-00-203	96M-Special Detailed Inspection of the Nose-Landing-Gear Shock-Strut, Steering, and Axle – Internal
32-21-00-204	96M-Special Detailed Inspection of the Nose-Landing-Gear Retraction Actuator – Internal
32-21-00-205	96M- Lubricate NLG and Components
32-21-00-206	96M-Detailed Inspection of the Nose Landing Gear (NLG) Assembly
32-ZL-00-202	96M- GVI of the MLG (Both)
32-ZL-00-203	96M- GVI of the NLG Doors
52-21-01-201	96M-Lubrication Over-Wing Emergency Exit
52-21-00-303	24M-Functional Test Over-Wing Emergency Exit
57-ZL-00-202	48M-General Visual Inspection Left/Right Aileron - External
57-ZL-00-204	48M-General Visual Inspection of the Surface of the Left/Right Wing Leading Edge – External
57-ZL-00-305	48M-General Visual Inspection of the Left/Right Wing Leading Edge as Visible Through the Removed Access Panels – Internal
71-60-01-201	800H- GVI of the Engine Nacelle Inlet (Both Engines)
71-60-01-202	1600H- Detailed Inspection of the Engine
71-60-01-203	800H- GVI of the Engine Generator Cooling Inlet
78-30-00-201	4200H- Detailed Inspection of the Thrust Reverser Seals
78-30-00-202	4200H- GVI of the Thrust Reversers
78-30-00-203	2400H- Detailed Inspection of the TR Firewalls
78-ZL-00-201	48M-GVI of the LH & RH TRs while Deployed

Complied With The Following Supplemental / Customer Required / CAMP Tasks:	
Code:	Description:
24-20-00-601	12M-Operational Test Ground Fault Interrupter (GFI)
25-62-00-604	12M-Visual Check First Aid Kit of the First Aid Kit Seal
25-62-00-609	24M-FT-Weight Check Cabin Fire Extinguisher
25-62-00-612	12M-Detailed Inspection Passenger Lifevest
25-62-00-613	12M-Detailed Inspection Life Rafts
25-62-00-614	12M-Restoration Maglite Flashlight
34-61-00-501	O/C-Discard Right Equip Rack FMC No.1 and 2 - Flight Management (FMC) Computer Battery N/A due to A/C Serial Number
35-00-00-607	24M-Detailed Inspection Cabin Protective Breathing Equipment
38-10-00-603	6M-Portable Water System Sterilization
38-31-00-601	48M-GVI-Waste Disposal System

Complied with the following Advisory Wire:	
Document #:	Description:
AW300-53-0210	Inspection of The Aft Bulkhead FS 669.73 For Damage Caused by Incorrect Screw Length. No Defects Noted.

The Following Serialized Parts Were Replaced:					
Nomenclature	P/N Off	S/N Off	P/N On	S/N On	Status
LMLG Assembly	40110-115	13MDT0660	40110-115	13MDT0660	Repaired
LMLG side Brace Actuator	40300-103	0903	40300-103	0903	Repaired
RMLG Assembly	40110-116	13MDT0663	40110-116	13MDT0663	Repaired
RMLG side Brace Actuator	40300-103	0898	40300-103	0898	Repaired
Lock Ring- LMLG Side Brace Actuator	17235-2	5527	17235-2	7475	New
Lock Ring- RMLG Side Brace Actuator	17235-2	5522	17235-2	7485	New
NLG- Retract Actuator	40700-103	13MDT0443	40700-103	13MDT0443	Repaired
NLG Drag Brace	40900-103	13MDT0450	40900-103	13MDT0450	Repaired
NLG Assembly	40610-113	13MDT0447	40610-113	13MDT0447	Repaired

BOMBARDIER

Aircraft SN: 20428	Aircraft TSN: 1813.2	Aircraft CSN: 976	Date: 7-25-2021
Model: BD-100-1A10	Aircraft Registration: N300ER	Page 1 of 3	
Engine Model/Position: AS907-1-1A / Left	Engine SN: P118995	Engine TSN: 1813.2	Engine CSN: 979
Engine Model/Position: AS907-1-1A / Right	Engine SN: P118996	Engine TSN: 1813.2	Engine CSN: 979
APU Model: GTCP 36-150 (BD)	APU SN: P-544	APU TSN: 1551.3	

Complied With The Following Airworthiness Directives:			
AD #:	Effect Date	Method of Compliance:	Status
2020-25-06	Jan 27, 2021	Landing Gear - Nose Landing Gear (NLG) Shock Strut Cylinder Corrosion NLG shock strut cylinder modification in accordance with SB 100-32-33 R2 on 07-22-2021 at 1813.2hrs. No further action required.	C/W
2021-07-13	May 11, 2021	Appliance Ad - Equipment and Furnishing - Seat Restraint System Plastic Rotary Buckle Handle - Inspection/Replacement N/A Per Equipment Installed.	N/A

Complied With The Following Service Bulletins:			
SB #:	Rev	Description:	Status
100-32-028	02	Modification - Main Landing Gear - Installation of the Anti-Crimp Cylindrical Bracket Assembly	C/W
100-32-33	02	Modification - Nose Landing Gear (NLG) - Shock Strut Cylinder Assembly Corrosion Inspection and Modifications to Improve Corrosion Resistance and Sleeve Installation, Service Bulletin C/W Para (G) (H)	C/W
100-78-05	Basic	Special Check/Rework - Exhaust - Improved Corrosion Protection on Thrust Reverser	C/W

Complied With The Following Manufacturer's TLMC Inspection Task:	
Complied with 6/12/24/48/96 Month Airframe Inspection Tasks IAW CL300 TMLC Rev 22. Note: ALL inspection tasks have been verified for the TLMC items.	

Complied With The Following Manufacturer's Tasks	
Code:	Description:
24-00-00-501	12M- Operational Test (Cycling) of Thermal Circuit Breakers
243201-0101A	6M- Check Test BT1 Battery C/W By CRS #7UAR831C, 07/07/2021, WO: DA12068
243201-0101B	12M- Restoration BT1 Battery C/W By CRS #7UAR831C, 07/07/2021, WO: DA10808
243201-0102A	6M- Check Test BT2 Battery C/W By CRS #7UAR831C, 07/07/2021, WO: DA12067
243201-0102B	12M- Restoration BT2 Battery C/W By CRS #7UAR831C, 07/07/2021, WO: DA12067
25-63-00-201	12 M- Operational Test of the Emergency Locator Transmitter (ELT) System IAW FAR 91.207(d). ELT Battery Expires AUG 2022.
27-11-17-201	600 H/12 M- Lubrication of the Aileron Brush Seals
27-21-05-202	48M-Lubrication of the Rudder Power Control Unit Attachment Link
27-31-09-202-1	48M-Lubrication of the Left Elevator Power Control Unit (PCU) Attachment Link
27-31-09-202-2	48M-Lubrication of the Right Elevator Power Control Unit (PCU) Attachment Link
27-31-17-201-1	48M-Lubrication Left Elevator Control Surface Hinges
27-31-17-201-2	48M-Lubrication Right Elevator Control Surface Hinges
27-52-13-201-1	48M-Lubrication of the Left Inboard/Outboard Flap Actuator
27-52-13-201-2	48M-Lubrication of the Right Inboard/Outboard Flap Actuator
32-11-00-201	96M-Detailed Inspection of the Main-Landing-Gear Pintle Pins
32-11-00-202	96M-Detailed Inspection of the Main-Landing-Gear Attachment Pins and Lugs
32-11-00-203	96M-Special Detailed Inspection of the Shock Strut - Internal
32-11-00-204	96M-Special Detailed Inspection of the Side-Brace Actuator - Internal

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1811.5	Airframe Landings: 975
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Item 1: Removed Automatic Defibrillator, p/n FRX G2005, s/n B14A-03869 from aircraft.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14 CFR Part 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic

A&P 3033881
Certificate type/number

6/11/2021
Date

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1811.5	Airframe Landings: 975
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Item 1: Cleared internal latched fault on FDR per Bombardier Advisory Wire AW300-31-0286 and L3Aviation Recorders Document No. 905-E6524-28.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14 CFR Part 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic

A&P 310029006
Certificate type/number

5/22/2021
Date

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1811.5	Airframe Landings: 975
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Item 1: Complied with 6-Month Bombardier Challenger 300 STLMC item #38-10-00-603: Potable Water System Sterilization.

Item 2: Complied with 12-Month Bombardier Challenger 300 STLMC item #25-62-00-604: Discard First Aid Kit by removing First Aid Kit p/n AFAK 1.0 RX, s/n 00121188B and installing "Refurbished" First Aid Kit p/n AFAK 1.0 RX, s/n 011018019.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14CFR 91.409(f)(3) and is approved for return to service for the work performed.



Mechanic

A&P 3033881

Certificate type/number

5/13/2021

Date

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1799.7	Airframe Landings: 970
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- Item 1:** Removed Right side Engine Driven Hydraulic Pump p/n 51160-06, s/n K0218 and installed "Repaired" pump p/n 51160-06, s/n K0271. Operational and leak checks normal. Work performed In Accordance With Challenger 300 Maintenance Manual tasks 29-12-01-000-801 and 29-12-01-400-801.
- Item 2:** Complied with Draining of RT Hydraulic Reservoir Per Challenger 300 Maintenance Manual Task 29-10-00-680-801.
- Item 3:** Complied with flushing of RT hydraulic system In Accordance With Challenger 300 Maintenance Manual Task 29-10-00-616-802. Leak check and operational checks normal.
- Item 4:** Removed RT Hydraulic System Pressure Filter p/n 7591357-001, nsn, and installed "New" Pressure Filter p/n 7591357-001, nsn, In Accordance With Challenger 300 Maintenance Manual Tasks 29-12-15-000-801 and 29-12-15-400-801. Leak check normal.
- Item 5:** Removed RT Hydraulic System Return Filter p/n 7593394-002, nsn, and installed "New" Return Filter p/n 7593394-002, nsn, In Accordance With Challenger 300 Maintenance Manual Tasks 29-12-19-000-801 and 29-12-15-400-801. Leak check normal.
- Item 6:** Removed RT Hydraulic System Case Drain Filters (2 ea.) p/n 7593395-001, nsn, and installed 2 ea. "New" Case Drain Filters, p/n 7593395-001 In Accordance With Challenger 300 Maintenance Manual Tasks 19-12-23-000-801 and 29-12-23-400-801. Leak check normal.
- Item 7:** Complied with AD 2021-03-10, effective date March 31, 2021, FIREX Control Unit Replacement found Previously Complied With In Accordance With SB100-26-01 on November 17, 2017 at 1045.6 hours, which meets the requirements of Paragraph (i) of this AD. No further action required.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14CFR 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic

A&P 3033881
Certificate type number

4/2/2021
Date

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1799.7	Airframe Landings: 970
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Item 1: Complied with TLMC Task 29-00-00-501 (Contamination Test LT, RT, and AUX hydraulic systems fluid).

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14 CFR Part 91.409(f)(3) and is approved for return to service for the work performed.



Mechanic

A&P 3033881

Certificate type/number

3/24/2021

Date

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1791.1	Airframe Landings: 966
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- Item 1:** Removed LHOB Main Wheel Assy P/N 3-1609-1, S/N 2661 and Tire P/N 269K43-2, S/N 72293234, In Accordance With Challenger 300 MM Task #32-41-01-000-801. Installed "Overhauled" Wheel Assy P/N 3-1609-1, S/N 2644 and "New" Tire P/N 269K43-2, S/N 91573017, In Accordance With Challenger 300 MM Task #32-41-01-400-801. Serviced Tire to spec with Nitrogen.
- Item 2:** Removed LHIB Main Wheel Assy P/N 3-1609-1, S/N 2946 and Tire P/N 269K43-2, S/N 60693145, In Accordance With Challenger 300 MM Task #32-41-01-000-801. Installed "Overhauled" Wheel Assy P/N 3-1609-1, S/N 2667 and "New" Tire P/N 269K43-2, S/N 91403182, In Accordance With Challenger 300 MM Task #32-41-01-400-801. Serviced Tire to spec with Nitrogen.

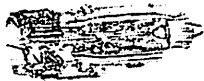
APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14 CFR Part 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic

A&P 310029006
Certificate type/number

3/9/2021
Date



StandardAero

Aircraft Log Book Entry

Customer: EJM		Work Order Number: 361833		Date: 02/24/2021	
Serial Number: 20428	Tail Number: N300ER	Model: Challenger 300	ACTT: 1786.7	LNDS: 964	

Removed loaner APU S/N P-276 TSN 3688.75 complied with pre-removal run requirements.

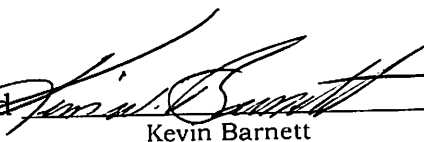
Installed repaired APU P-544 TSN 1527.5

Removed unserviceable APU inlet duct PN: 1004953007-003 SN: 431 and installed new duct
PN: 10044953007-003 SN:2293

IAW Bombardier AMM 49-11-01-000-801 Rev 71 dated 22 Dec 2020. Complied with satisfactory leak
and operational checks.

Completed above inspection and/or maintenance IAW 14 CFR 91.409(f)(3) and/or 43.13 and OEM procedures and is
approved for return to service with respect to the work performed. Details on file under StandardAero W/O: **361833**

Date: 02/24/2021 Signed


Kevin Barnett

(L)
73 for

Standard Aero, FAA CRS# GW4R221M, Augusta GA 30906

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1778.0	Airframe Landings: 960
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Item 1: Removed Spare defibrillator pads p/n 989803139261, nsn, and installed "New" defibrillator pads p/n 989803139261, nsn. New expiration date is January 22, 2022.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14CFR 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic

A&P 3033881
Certificate type/number

2/19/2021
Date



Aircraft Log Book Entry

Customer: EJM		Work Order Number: 360682		Date: 01/21/2021	
Serial Number: 20428	Tail Number: N300ER	Model: Challenger 300	ACTT: 1773.8	LNDS: 958	

Removed APU S/N P-544 TSN 1575.5 for repair due to leaking compressor carbon seal.

Installed TES loaner APU P-276 TSN 3675 IAW Bombardier AMM 49-11-01-000-801 Rev 71 dated 22 Dec 2020. Complied with satisfactory leak and operational checks.

Complied with functional test of the APU fuel shutoff valve for leaks. Task code 28-21-29-790-801

Completed above inspection and/or maintenance IAW 14 CFR 91.409(f)(3) and/or 43.13 and OEM procedures and is approved for return to service with respect to the work performed. Details on file under StandardAero W/O: **360682**

Date: 01/21/2021 Signed



for

Kevin Barnett

Standard Aero, FAA CRS# GW4R221M, Augusta GA 30906

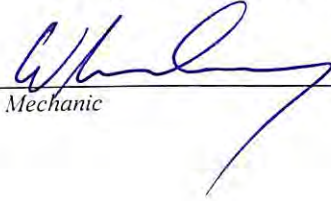
AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1773.8	Airframe Landings: 958
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Item 1: Removed Crew PBE p/n 119003-21 s/n 004-052682M and installed "NEW" Crew PBE p/n 119003-21, s/n 0A4-46695M. Work performed per Challenger 300 Maintenance Manual TLMC task 25-62-00-203. Date of Manufacture of this PBE is 06/2018. Next due 06/2023.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14CFR 91.409(f)(3) and is approved for return to service for the work performed.



Mechanic

A&P 3033881

Certificate type/number

1/8/2021

Date

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1773.8	Airframe Landings: 958
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Item 1: Removed #1 Main Ship Battery P/N 441CH1 S/N B07356 and installed "Overhauled" Battery P/N 441CH1 S/N A05738 to comply with tasks 24-32-01-201 and 24-32-01-302. Work performed per Challenger 300 Maintenance Manual 24-32-01-000-801.

Item 2: Removed #2 Main Ship Battery P/N 441CH1 S/N C00029 and installed "Overhauled" Battery P/N 441CH1 S/N B02683 to comply with tasks 24-32-01-201 and 24-32-01-302. Work performed per Challenger 300 Maintenance Manual 24-32-01-000-801.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14CFR 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic

A&P 310029006
Certificate type/number

12/22//2020
Date

Complied with the Following STLMC 12 Month Tasks:

24-20-00-601 SMM Operational Test of the Ground Fault Interrupter (GFI).

25-62-00-612 SMM Detailed Inspection of the Passenger Life Vests.

Location	P/N	S/N	DOM
LH #1	63600-105	L2197001	JUL/2013
RH #1	63600-105	L2196999	JUL/2013
LH #2	63600-105	L2166409	JUL/2013
RH #2	63600-105	L2203497	JUL/2013
LH #3	63600-105	L2203495	JUL/2013
RH #3	63600-105	L2203498	JUL/2013
LH #4	63600-105	L2197003	JUL/2013
RH #4	63600-105	L2196998	JUL/2013
Aft LAV	63600-105	L2203501	JUL/2013

25-62-00-613 SMM Detailed Inspection of the Life Rafts.

Location	P/N	S/N	DOM	Next Service
LH Fwd	46FASA-6K2-1-201	4UL-02743	AUG/2013	JUN/2022
RH Fwd	46FASA-6K2-1-201	4UL-02744	AUG/2013	JUN/2022
Aft Cabin	46FASA-6K2-1-201	4UL-02742	AUG/2013	JUN/2022

25-62-00-614 SMM Restoration of the Maglite Flashlight.

25-63-00-201 SMM Operational Test of the Emergency Locator Transmitter. (ELT) System.

26-10-00-604 SMM Restoration (Cleaning) of the Baggage Compartment Smoke Detector P/N 473597-19 S/N 7369.

33-51-00-602 SMM Restoration Emergency Escape Path Lighting Power Supply.

33-51-00-603 SMM Operational Test Interior Emergency Lights.

35-00-00-607 SMM Detailed Inspection of the Protective Breathing Equipment (PBE).

Location	P/N	S/N	DOM
Cockpit	119003-21	004-05682M	04/15
Aft Lavatory	119003-21	004-13371M	05/16

38-10-00-603 SMM Sterilization Potable Water system.

Complied with the Following Misc. Tasks:

24-00-00-501 Operational Check (Cycling) of Thermal Circuit Breakers.

24-32-05-302 Operational Test of the Integrated-Standby Instrument (ISI) Battery Capacity.

256343 Discard Heartsmart Defibrillator Pads #1. Exp. Date: 08 Apr 2022.

256358 Discard Heartsmart Defibrillator Pads #2. Exp. Date 28 Feb 2021.

27-11-17-201 Lubrication of the Aileron Brush Seals.

27-52-13-201 Lubrication of the LH/RH Inboard and Outboard Flap Actuator.

32-11-00-206 Lubrication of the Main Landing Gear and Components.

32-21-00-205 Lubrication of the Nose Landing Gear and Components.

33-51-17-201 Restoration (Bench Test) of the Emergency Lighting Power Supply.

Unit	P/N	S/N	Status
FWD Emer pwr supply	RPS1-B	29013	Repaired
AFT Emer pwr supply	RPS1-B	30101	Inspected

Replaced TCAS Antenna P/N 866-0016-001 S/N Unknown with New Antenna S/N 41.THFN.

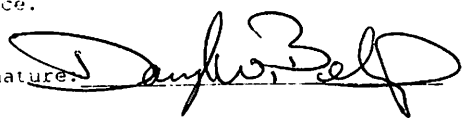
Replaced LH/RH Wing Inspection Lamps with New LED WIL Bulbs.

Complied with EJM Annual Avionics Checklist.

Complied with Flushing the RH Hyd. System 3 times. Inspected each filter bowl between flushing. Replaced Pressure filter once, replaced Return filter once, replaced Case Drain filter twice.

Complied with 12 Month Emergency Locator Transmitter Battery Inspection and System Functional Test (IAW FAR 91.207)(d)
on unit S/N 14235, as outlined in "Inspection/Checks Due at other Intervals" in chapter 5 of the maintenance manual. Battery Replacement Date is AUG/2022.

Completed above inspection and/or maintenance IAW 14 CFR 91.409(f)(3) and/or 43.13, and OEM Procedures and is approved for return to service.

A/C TSN: 1755.8
A/C LDG: 949W/O #: 235020
Date: 11/5/2020Signature: 

CRS# LK2R981K

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1754.3	Airframe Landings: 948
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- Item 1:** Complied with flushing of RT hydraulic system In Accordance With Challenger 300 Maintenance Manual Task 29-10-00-616-802. Leak check and operational checks normal.
- Item 2:** Removed RT Hydraulic System Pressure Filter p/n 7591357-001, nsn, and installed "New" Pressure Filter p/n 7591357-001, nsn, In Accordance With Challenger 300 Maintenance Manual Tasks 29-12-15-000-801 and 29-12-15-400-801. Leak check normal.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14CFR 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic

A&P 3033881
Certificate type/number

10/30/2020
Date

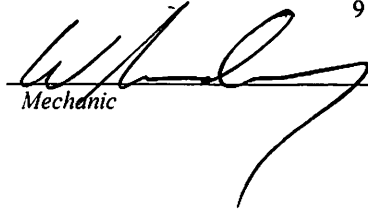
AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1750.5	Airframe Landings: 946
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Item 1: Complied with task 29-00-00-501 per Challenger 300 Maintenance Manual task 29-00-00-281-801 for the Right Hydraulic system.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14CFR 91.409(f)(3) and is approved for return to service for the work performed.



Mechanic

A&P 3033881

Certificate type/number

10/27/2020

Date

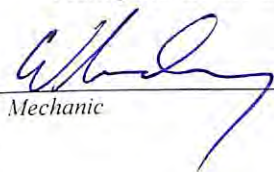
AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1743.4	Airframe Landings: 941
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- Item 1:** Complied with flushing of RT hydraulic system In Accordance With Challenger 300 Maintenance Manual Task 29-10-00-616-802. Leak check and operational checks normal.
- Item 2:** Removed RT Hydraulic System Pressure Filter p/n 7591357-001, nsn, and installed "New" Pressure Filter p/n 7591357-001, nsn, In Accordance With Challenger 300 Maintenance Manual Tasks 29-12-15-000-801 and 29-12-15-400-801. Leak check normal.
- Item 3:** Removed RT Hydraulic System Return Filter p/n 7593394-002, nsn, and installed "New" Return Filter p/n 7593394-002, nsn, In Accordance With Challenger 300 Maintenance Manual Tasks 29-12-19-000-801 and 29-12-15-400-801. Leak check normal.
- Item 4:** Removed RT Hydraulic System Case Drain Filters (2 ea.) p/n 7593395-001, nsn, and installed 2 ea. "New" Case Drain Filters, p/n 7593395-001 In Accordance With Challenger 300 Maintenance Manual Tasks 19-12-23-000-801 and 29-12-23-400-801. Leak check normal.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14CFR 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic

A&P 3033881
Certificate type number

10/19/2020
Date

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1743.4	Airframe Landings: 941
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Item 1: Complied with task 29-00-00-501 per Challenger 300 Maintenance Manual task 29-00-00-281-801.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14CFR 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic

A&P 310029006
Certificate type number

10/8/2020
Date

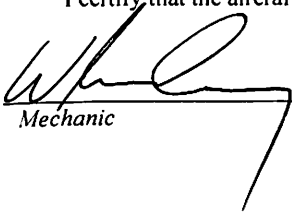
AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1732.2	Airframe Landings: 934
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- Item 1:** AD 2018-14-05, Modification of the APU electronic control unit (ECU) wiring harness, effective date August 13, 2018, paragraph (g) has been previously complied with by accomplishment of Bombardier Service Bulletin 100-49-04. No further action is required.
- Item 2:** AD 2020-10-05, effective date June 24, 2020, is not applicable to this aircraft because affected equipment is not installed. No further action is required.
- Item 3:** AD 2020-11-10, effective date July 14, 2020, is complied with by verifying AFM Section 05-23, "Flight Controls," Non-Normal Procedures has been revised in accordance with Paragraph (g) of this AD. No further action required.
- Item 4:** AD 2020-11-14, effective date July 21, 2020, is complied with by verifying AFM Section 03-17 "Emergency Procedures – Avionics" and Section 04-04 "Normal Procedures – After Take-off" has been revised in accordance with Paragraph (g) of this AD. No further action required.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14CFR 91.409(f)(3) and is approved for return to service for the work performed.



Mechanic

A&P 3033881

Certificate type/number

7/22/2020

Date

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1725.2	Airframe Landings: 928
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Item 1: Removed #1 Main Ship Battery P/N 441CH1 S/N B01947 and installed "Overhauled" Battery P/N 441CH1 S/N B07356 to comply with tasks 24-32-01-201 and 24-32-01-302. Work performed per Challenger 300 Maintenance Manual 24-32-01-000-801.

Item 2: Removed #2 Main Ship Battery P/N 441CH1 S/N B01948 and installed "Overhauled" Battery P/N 441CH1 S/N C00029 to comply with tasks 24-32-01-201 and 24-32-01-302. Work performed per Challenger 300 Maintenance Manual 24-32-01-000-801.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14CFR 91.409(f)(3) and is approved for return to service for the work performed.



Mechanic

A&P 3033881

Certificate type/number

6/6/2020

Date

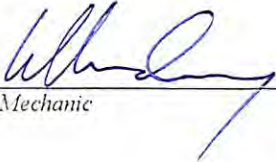
AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1720.5	Airframe Landings: 925
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Item 1: Complied with AD 2020-07-13, effective date May 18, 2020, by incorporating AFM Revision 53 into Section 02-04 "Autoflight" and Section 03-32 "Engine Failure in Climb During ALRS CAP." No further action required

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14 CFR Part 91.409(f)(3) and is approved for return to service for the work performed.



Mechanic

A&P 3033881

Certificate type number

May 28, 2020

Date

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1720.5	Airframe Landings: 925
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- Item 1:** Sterilized potable water system in accordance with Challenger 300 s/n 20428 Supplemental Maintenance Manual task #12-15-00-670-801. No discrepancies noted at this time.
- Item 2:** Removed Auxiliary Hydraulic Accumulator Pressure Gauge P/N G-4304F S/N 12D4940 and installed "NEW" Accumulator Gauge P/N G-4304F S/N 19K9016 per Challenger 300 Maintenance Manual tasks 29-21-17-000-801 and 29-21-17-400-801. Operational check normal.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14 CFR Part 91.409(f)(3) and is approved for return to service for the work performed.



Mechanic

A&P 3033881

Certificate type/number

May 21, 2020

Date

AIRFRAME MAINTENANCE ENTRY

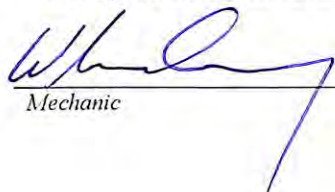
Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1720.5	Airframe Landings: 925
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Item 1: Removed MedAire First Aid Kit P/N AFAK1.0RX S/N 021116018 and installed "Refurbished" kit P/N AFAK1.0RX S/N 00121188B. New expiration 5/31/2021.

Item 2: Complied with 12-month inspection item 25-62-00-604 Visual Inspection of MedAire First Aid Kit.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14 CFR Part 91.409(f)(3) and is approved for return to service for the work performed.



Mechanic

A&P 3033881

Certificate type/number

5/16/2020

Date

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1703.6	Airframe Landings: 918
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Item 1: Removed RT MLG Lower Wheel Bin Assy p/n 1005342748 012X02, s/n 20444 for maintenance convenience. Installed "SERVICEABLE" RT MLG Lower Wheel Bin Assy p/n 1005342748 012X02, s/n 20431. All work performed In Accordance With Bombardier Challenger 300 Maintenance Manual Tasks 53-32-01-000-801 and 53-32-01-400-801.

Item 2: Removed RT MLG Upper Wheel Bin Assy p/n 1005342749008X02, s/n 20444 and installed "SERVICEABLE" RT MLG Upper Wheel Bin Assy p/n 1005342749008X02, s/n 20433. All work performed In Accordance With Bombardier Challenger 300 Maintenance Manual Tasks 53-32-01-000-801 and 53-32-01-400-801.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14CFR Part 91.409(f)(3) and OEM Procedures and is approved for return to service for the work performed.


Mechanic

A&P 310029006
Certificate type/number

4/14/2020
Date

AIRFRAME MAINTENANCE ENTRY

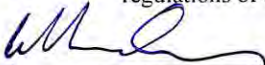
Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1682.8	Airframe Landings: 904
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Item 1: Removed LT Nose Wheel Assy p/n 3-1610-1 s/n 1563 and tire p/n 185K03-1, s/n 72752746, In Accordance With Challenger 300 MM Task #32-42-01-000-801. Installed "Overhauled" wheel assy p/n 3-1610-1 s/n 1665 and tire p/n 185K03-1, s/n 92402617, In Accordance With Challenger 300 MM Task #32-42-01-400-801. Serviced tire to spec with Nitrogen.

Item 2: Removed RT Nose Wheel Assy p/n 3-1610-1 s/n 1569 and tire p/n 185K03-1, s/n 72762759, In Accordance with Challenger 300 MM Task #32-42-01-000-801. Installed "Overhauled" wheel assy p/n 3-1610-1 s/n 1669 and tire p/n 185K03-1, s/n 92392628, In Accordance With Challenger 300 MM Task #32-42-01-400-801. Serviced tire to spec with Nitrogen.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.



Mechanic

A&P 3033881

Certificate type/number

2/23/2020

Date

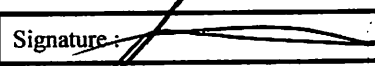
BOMBARDIER

Aircraft Registration: N300ER	Serial Number: 20428	Model: BD-100-1A10	Page 1 of 1
Total Time: 1658.9	Landings: 892	Date: 4 February 2020	Hobbs Meter: N/A

The Following Serialized Parts Were Replaced:						
SVO Control #	Part Name	P/N Off	S/N Off	P/N On	S/N On	Status
0002	Pilot Oxygen Mask	MC20-019	B141253	MC20-019	B141248I	Overhauled
0002	Oxygen Cylinder Assy	806371-121	C13080382	806371-121	C13080382	Inspected / Tested
0002	Oxygen Cylinder Assy	806371-111	C13080336	806371-111	C13080336	Inspected / Tested

SVO Control #	Complied With The Following Maintenance Items:
0002	Removed leaking Pilot Oxygen Mask and installed overhauled unit IAW CH 300 AMM 35-11-07-000-801 & 35-11-07-400-801. Leak and ops check good.
0002	Removed 77 CU FT Oxygen Bottle and delivered to Safetech CRS#WV1R599K for Hydro. Installed Inspected/Tested unit IAW CH 300 AMM 35-11-01-000-801 & 35-11-01-400-801. Ops and leak check good. Next Hydro Due 02/2025.
0002	Removed 115 CU FT Oxygen Bottle and delivered to Safetech CRS#WV1R599K for Hydro. Installed Inspected/Tested unit IAW CH 300 AMM 35-11-05-000-801 & 35-11-05-400-801. Ops and leak check good. Next Hydro Due 02/2025.
0002	Serviced oxygen system IAW CH 300 AMM 12-13-01-614-801. Leak check good.

I certify that the aircraft, airframe, engine or appliance above was repaired and inspected in accordance with 14 CFR 91.409 and is approved for return to service for the work performed.

Jesse Mathis	Signature: 	Date:	4 Februaury 2020
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Learjet Inc., Wichita Service Center, One Learjet Way, Wichita, Kansas, USA 67209-2942 CRS# LK2R981K

BOMBARDIER

Aircraft SN: 20428	Aircraft TSN: 1645.1	Aircraft CSN: 884	Date: 1-22-20
Model: BD-100-1A10	Aircraft Registration: N300ER	Page 1 of 1	

The Following Serialized Parts Were Replaced:					
Nomenclature	P/N Off	S/N Off	P/N On	S/N On	Status
NAV-4000/RCVR, VOR/LOC/GS/MB/ADF ASSY	822-1465-001	2RF7P	822-1465-001	4T9YL	Modified

Complied With The Following Maintenance Items:
Removed and replaced NAV-4000/RCVR, VOR/LOC/GS/MB/ADF ASSY SN 2RF7P with Modified unit PN 822-1465-001 SN 4T9YL IAW CH 300 AMM 34-51-01 Rev 67. Ops check good.

Completed above inspection and/or maintenance IAW 14CFR 91.409(f)(3) and/or 43.13, and OEM procedures and is approved for return to service. A detailed record is on file under: **WO #: 230791**

BENJAMIN WHISENAND		Date:	1/22/2020	FAA CRS# LK2R981K
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Learjet Inc., Wichita Service Center, One Learjet Way, Wichita, Kansas, USA 67209-2942

CRS# LK2R981K

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1621.8	Airframe Landings: 871
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Item 1: Removed LT Engine anti-ice valve p/n WBA3020G103-005 s/n 1145 and replaced with "Repaired" valve, p/n WBA3020G103-005, s/n 0298. Operational and leak checks normal. Work performed In Accordance With Bombardier Challenger 300 Maintenance Manual tasks 30-21-01-000-801 and 30-21-01-400-801.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14CFR 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic

A&P 310029006
Certificate type/number

12/23/2019
Date

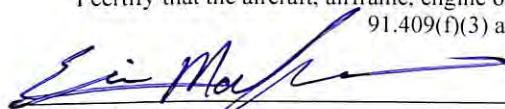
AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1613.1	Airframe Landings: 867
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- Item 1:** Removed #1 Main Ship Battery P/N 441CH1 S/N A05738 and installed "Overhauled" Battery P/N 441CH1 S/N B01947 to comply with tasks 24-32-01-201 and 24-32-01-302. Work performed per Challenger 300 Maintenance Manual 24-32-01-000-801.
- Item 2:** Removed #2 Main Ship Battery P/N 441CH1 S/N B02683 and installed "Overhauled" Battery P/N 441CH1 S/N B01948 to comply with tasks 24-32-01-201 and 24-32-01-302. Work performed per Challenger 300 Maintenance Manual 24-32-01-000-801.
- Item 3:** Complied with 12 Month STLMC task 25-62-00-614: Discard – Flashlight Batteries. Ops test normal.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14CFR 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic

A&P 310029006
Certificate type number

12/17/2019
Date

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1565.5	Airframe Landings: 844
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- Item 1:** Made temporary repair to RT MLG Lower Wheel Bin Assy p/n 1005342748 012X02, s/n 20431 per Bombardier Repair Engineering Order (REO) #R1005332097.
 RESTRICTIONS: 1) Tape integrity must be inspected prior to each flight. 2) Detailed inspection visual inspection of damaged area must be accomplished at 50 flight hours. 3) Permanent repairs must be made within 200 flight cycles or 12 months.
- Item 2:** Removed RT MLG Lower Wheel Bin Assy p/n 1005342748 012X02, s/n 20431 for maintenance convenience. Installed "SERVICEABLE" RT MLG Lower Wheel Bin Assy p/n 1005342748 012X02, s/n 20444. All work performed In Accordance With Bombardier Challenger 300 Maintenance Manual Tasks 53-32-01-000-801 and 53-32-01-400-801.
- Item 3:** Removed RT MLG Upper Wheel Bin Assy p/n 1005342749008X02, s/n 20433 and installed "SERVICEABLE" RT MLG Upper Wheel Bin Assy p/n 1005342749008X02, s/n 20444. All work performed In Accordance With Bombardier Challenger 300 Maintenance Manual Tasks 53-32-01-000-801 and 53-32-01-400-801.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14CFR Part 91.409(f)(3) and OEM Procedures and is approved for return to service for the work performed.

Mechanic

A&P 310029006

Certificate type/number

11/20/2019

Date

Complied with Flushing of the RH Hydraulic System IAW CL300 AMM Task 29-10-00-616-802, Rev 66, dated 20 Sep 2019.

Complied with 12 Month Emergency Locator Transmitter Battery Inspection and System Functional Test (IAW FAR 91.207) on unit S/N 14235, as outlined in "Inspection/Checks Due at other Intervals" in chapter 5 of the maintenance manual. Battery Replacement Date is AUG/2022.

Replaced RH Gravity Fill Fuel Cap Lanyard P/N MS27380-3 with New.

Replaced LH OTBD Elevator Static Wick P/N B0818022-001 with New.

I CERTIFY THE ALTIMETER & STATIC SYSTEM TESTS REQUIRED BY FAR. PART 91.411 HAVE BEEN PERFORMED ON.
PILOTS ADC S/N: 41H948 DATE TESTED: 11/7/2019 TESTED TO: 41,000 FT
Co-Pilots ADC S/N: 41H94T DATE TESTED: 11/7/2019 TESTED TO: 41,000 FT
ISI S/N: C16786006944 DATE TESTED: 11/7/2019 TESTED TO: 41,000 FT
INSPECTED TO RVSM REQUIREMENTS: YES: ☒ NO: ☐

CRS# LK2R981K LEARJET INC. ICT SIGN: Dan W. Belf DATE: 11/15/2019

I CERTIFY THE TRANSPONDER TEST REQUIRED BY FAR 91.413 HAS BEEN ACCOMPLISHED ON.
#1 XPONDER S/N: 499MM #2 XPONDER S/N: 41LV72 DATE TESTED: 11/7/2019

SIGNATURE: Dan W. Belf DATE: 11/15/2019 CRS LK2R981K

I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH THE MANUFACTURES INSPECTION PROGRAM REQUIRED BY FAR 91.409(f)(3), WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE.

INSPECTIONS: 600/800/1600 Hour, 24/36 Month and Customer Requested STLMC Tasks.

A/C TSN: 1559.7

W/O #: 227381

A/C LDG: 841

Date: 11/15/2019

Signature: Dan W. Belf

CRS# LK2R981K

35-00-00-607 SMM Detailed Inspection of the Protective Breathing Equipment (PBE).

Location	P/N	S/N	DOM
Cockpit	119003-21	004-05682M	04/15
Aft Lavatory	119003-21	004-13371M	05/16

- 35-11-07-301** Operational Test of the Crew Oxygen Masks and Smoke Goggles.
52-11-29-301 Detailed Inspection of the Passenger Door Seal.
52-21-00-204 Functional Test of the EXIT-PULL Sign of the Over-Wing Emergency Exit.
52-21-00-205 Operational Test of the Emergency Exit Proximity-Sensor.
52-21-00-303 Functional Test of the Over-Wing Emergency Exit.
52-21-01-201 Lubrication of the Over-Wing Emergency Exit.
52-21-09-301 Detailed Inspection of the Over-Wing Emergency-Exit Seal.
52-31-09-301 Detailed Inspection of the Baggage Bay Door Seal.
57-ZL-00-216 General Visual Inspection of the Inboard Trailing Edge of the Left/Right Wing from WS35.596 to WS80.281-External.

Complied with the Following 36 Month Tasks:

- 23-51-05-201** Operational Test of the Audio Control-Panel Emergency-Switch.
23-61-01-201 Functional Test of the Static Dischargers.
23-71-00-201 Operational Test of the Cockpit Voice Recorder System.
23-71-21-201 Functional Test of the Cockpit Voice Recorder (CVR) Underwater Locating Device (ULD).
24-31-01-201 Operational Test of the Electrical Control Panel.
24-61-13-201 Operational Test of the Auxiliary Power Contactor.
24-61-25-201 Operational Test of the Electrical System Emergency Mode.
24-61-29-201 Operational Test of the Bus Tie Contactor.
27-00-00-204 Detailed Inspection of the Flight Control Routing in the Inboard and Outboard Trailing Edges-(WS 36.60 to WS 292.00).
31-31-13-201 Functional Test of the Flight Data Recorder (FDR) Underwater Locating Device (ULD).
35-00-00-301 Operational Test of the Oxygen System.
52-11-00-205 Functional Test of the EXIT-PULL Sign of the Passenger Door.
53-ZL-00-328 GVI of the Aft Equipment Compartment from FS669.76 to FS788.53 - Internal.

Complied with the Following Miscellaneous Tasks:

- 24-00-00-501** Operational Check (Cycling) of the Thermal circuit Breakers.
24-32-05-302 Operational Test of the Integrated-Stand by Instrument (ISI) Battery Capacity.
25-40-00-601 SMM Detailed Inspection of the Lavatory Waste Container.
27-50-00-106 Functional Test of the Flap Alternate Hydraulic System.
30-31-01-710-801 Operational Test of the Heater-Current Monitor/Controller.
34-11-00-201 Functional Test (leak Test) of the Pitot-Static System.
34-11-00-202 Functional Test (Leak Test) of the Standby Pitot-Static System.
34-11-00-203 Detailed Inspection of the Static Ports.
34-11-01-201 Detailed Inspection of the Pitot-Static Probe.
34-11-01-202 Detailed Inspection of the P3 Pitot Probe.
34-12-01-201 Functional Test of the Integrated Standby Instrument.
35-00-00-602 SMM Functional Test of the Passenger Oxygen System.

Weighed Aircraft and established new Empty Weight – updated Weight & Balance Manual.

Complied with Download of the Flight Data Recorder (FDR) IAW AMM Task 31-31-01-970-803, Rev 66.

Complied with Annual Avionics Checklist, Document OP-FLT-AAC-0001 Rev 10.

Complied with Flushing of the LH Hydraulic System IAW CL300 AMM Task 29-10-00-616-801, Rev 66, dated 20 Sep 2019.

Continued on Page 4

- 27-40-00-106 Lubrication of the Horizontal Stabilizer Trim Actuator (HSTA).
 32-44-17-301 Functional Test of the Emergency/Parking-Brake Hydraulic Fuse.
 78-32-00-306 Operational Test of the Pivot-Door Actuator Internal-Lock.

Complied with the Following STLMC 6 Month Task:

- 38-10-00-603 SMM Potable Water System Sterilization.

Complied with the Following STLMC 12 Month Tasks:

- 24-20-00-601 SMM Operational Test of the Ground Fault Interrupter (GFI).

- 25-62-00-612 SMM Detailed Inspection of the Passenger Life Vests.

Location	P/N	S/N	DOM
LH #1	63600-105	L2197001	JUL/2013
RH #1	63600-105	L2196999	JUL/2013
LH #2	63600-105	L2166409	May/2013
RH #2	63600-105	L2203497	JUL/2013
LH #3	63600-105	L2203495	JUL/2013
RH #3	63600-105	L2203498	JUL/2013
LH #4	63600-105	L2197003	JUL/2013
RH #4	63600-105	L2196998	JUL/2013
Aft LAV	63600-105	L2203501	JUL/2013

- 25-62-00-613 SMM Detailed Inspection of the Life Rafts.

Location	P/N	S/N	DOM	Next Service
LH Fwd	46FASA-6K2-1-201	4UL-02744	AUG/2013	JUN/2022
RH Fwd	46FASA-6K2-1-201	4UL-02743	AUG/2013	JUN/2022
Aft Cabin	46FASA-6K2-1-201	4UL-02742	AUG/2013	JUN/2022

- 25-63-00-201 SMM Operational Test of the Emergency Locator Transmitter. (ELT) System.

Complied with the Following STLMC 18 Month Task:

- 26-10-00-604 SMM Restoration of the Baggage Compartment Smoke Detector (P/N 473597-19).

Complied with the Following 24 Month Tasks:

- 24-32-05-201 Operational Test of the Built-In Test (BIT) for the Integrated Standby-Instrument (ISI) Battery.

- 25-62-00-209 Detailed Inspection of the Pilot and Co-Pilot Crew Life Vests.

- 25-62-00-208 Detailed Inspection of the Flight Compartment Crew PBE.

Unit	P/N	S/N	Mfg. Date
Cockpit PBE	119003-21	004-05682M	04/15

- 25-62-00-609 SMM Functional Test of the Cabin Portable Fire Extinguisher (Weight Test).

Location	P/N	S/N	Weight (lbs)	DOM
Fwd Crew Closet	30H673	E-93776427	5.2	2018
Aft Lavatory	466090	Y-550147	12.4	2013

- 26-23-00-201 Functional Test of the Portable Fire Extinguisher, P/N 30H673, S/N Y-510310, in the Flight Compartment (Weight Test, 5.2 lbs).
 27-00-00-303 Detailed Inspection of the Flight Control Routing and Aileron Gust Lock Assembly in the Main Landing Gear (MLG) Wheel Well.
 27-52-29-301 Detailed Inspection of the Flap Roller Carriage Rollers.
 32-ZL-00-201 General Visual Inspection of the Nose Landing Gear.
 32-ZL-00-202 General Visual Inspection of the Main Landing Gear.
 33-43-00-201 General Visual Inspection of the Wing Tip Lenses for Crazing and Diffusion of Light Source.
 34-11-09-201 Servicing of the Pitot-Static Visual Drain.
 34-13-00-101 Functional Test of the Air Data Computer L/H and R/H.

BOMBARDIER

the evolution of mobility

A/C: 300-20428 REG: N300ER LDG: 841 TSN: 1559.7
CRS# LK2R981K WICHITA, KANSAS

Complied with **Service Bulletin 100-27-18 R01 Part A, & Part B per Moog SB C47330-27-06** "Modification-Spoiler Electronic Control Unit (SECU)-Software Update of SECU P/N C47330-006/006A, C47330-008/008A, and C47330-011."

Complied with **Service Bulletin 100-23-24** "Modification-HF Communication System-Removal of the Pressure Gauges Subsystem from the Dual HF Option (C23-400)."

Complied with the Following 600 Hour Tasks:

22-22-01-301	Operational Test of the Yaw Damper Linear-Actuator.
25-11-00-201	General Visual Inspection of the Safety Straps.
25-11-00-202	Operational Test of the Inertia Reel and Inertia Reel Control.
26-21-00-306	Operational Test of the L/R Engine Fire Push Button Annunciator (PBA).
26-21-00-307	Operational Test of the APU Fire Push Button Annunciator (PBA).
27-00-00-205	Operational Test of the Flight Control Power-Control Units (PCU).
27-11-00-301	Operational Test of the Aileron Disconnect System.
27-11-17-201	Lubrication of Aileron Brush Seals.
27-52-09-201	General Visual Inspection of the Adaptor Gearbox of the Flap System.
27-52-13-201	Lubrication of the LH/RH Inboard and Outboard Flap Actuator.
27-52-19-301	General Visual Inspection of the Flap Transmission Brake.
27-52-33-301	General Visual Inspection of the Flap Power Unit (FPU).
27-52-35-201	General Visual Inspection of the Flap Power Unit (FPU) Ecology Bottle.
28-11-17-201	Detailed Inspection of the Gravity Filler Cap.
28-13-00-301	Operational Test of the Fuel Vent System.
28-21-00-201	General Visual Inspection of the Shroud Drains for the Fuel Lines.
29-00-00-106	Operational Test of the Power Transfer Unit (PTU).
29-12-33-301	Operational Test of the Firewall Hydraulic Shutoff-Valve (FWSOV).
29-21-17-301	Visual Check of the Accumulator Charge Manifold.
30-41-00-201	Functional Test of the Windshield Rain Repellant Layer.
31-52-17-301	Operational Test of the Aural Warning Control-Panel.
31-61-00-301	Operational Test of the Electronic Flight-Instrument System (EFIS).
32-11-00-206	Lubrication of the Main Landing Gear and Components.
32-21-00-205	Lubrication of the Nose Landing Gear and Components.
32-43-00-201	Detailed Inspection of the Brake Wear Indicators.
32-44-05-301	Functional Test of the Brake Accumulators.
35-12-00-301	Operational Test of the Oxygen Contents Indication-System.
52-41-01-201	General Visual Inspection of the Aft Equipment-Compartment Door-Seal.
52-71-00-201	Operational Test of the Door Sensors.
71-00-00-202	General Visual Inspection of the Engine Fan-Cowl-Door Inlet-Scoops and Ventilation Grills.
71-60-01-201	General Visual Inspection of the Engine Nacelle Inlet.
71-60-01-203	General Visual Inspection of the Engine Generator Cooling Inlet.
76-10-01-201	Operational Test of the Full Throttle Range.

Complied with the Following 800 Hour Tasks:

27-41-05-301	Operational Test of the Horizontal Stabilizer-Trim Actuator (HSTA) Full Range Trimming.
27-52-01-201	Lubrication of the Flexible Shafts of the Flap System.
27-61-00-301	Operational Test Flight Spoiler Emergency Decent Capability.
29-00-00-107	Functional Test of the Power Transfer Unit.
31-61-13-301	Operational Test of the Reversion Select Panel.
32-34-00-306	Functional Test of the Landing Gear Normal and Emergency Extension.

Complied with the Following 1600 Hour Tasks:

21-31-09-101	Functional Test of the Positive and Negative Pressure Relief of the Safety Valves.
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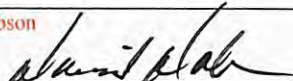
BOMBARDIER

Aircraft SN: 20428	Aircraft TSN: 1543.1	Aircraft CSN: 831	Date: 10/10/2019
Model: BD100-1A10	Aircraft Registration: N300ER	Page 1 of 1	

The Following Serialized Parts Were Replaced:					
Nomenclature	P/N Off	S/N Off	P/N On	S/N On	Status
Handwheel Control Assembly- Nose Wheel Steering	120TS10AY01	ECE-0571	120TS10AY01	ECE-0350	Repaired

Complied with The Following Maintenance Items:
Removed Nose Wheel Steering Handwheel Control Assembly and Installed Repaired Nose Wheel Steering Handwheel Control Assembly. Performed A Satisfactory Rigging and Operational Checks. Worked IAW BD-100 AMM 32-51-05.

Completed Above Maintenance IAW 14 CFR 43.13, and OEM Procedures and Is Approved for Return To Service. A detailed record is on file under: **W.O. #227783**

Print Name & Signature	David Dobson 	Date:	10/10/2019	FAA CRS# L5VR603Y
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LEARJET INC, BOMBARDIER SERVICE CENTER
7336 AVIATION PLACE, DALLAS TX

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1541.2	Airframe Landings: 830
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- Item 1:** Complied with the following 12 Month Inspection tasks:
29-00-00-501: Functional test (Contamination test) of the left, right, and auxiliary hydraulic systems fluid.
- Item 2:** AD 2019-15-04, Effective date August 23, 2019, found not applicable to this aircraft serial number. No further action required.
- Item 3:** Removed expiring FDR ULB battery p/n 266-E0305-00, s/n SD19904 and installed "NEW" FDR ULB battery p/n 26-E5542-00, s/n ULB023096. Work performed In Accordance With Challenger 300 Maintenance Manual tasks 31-31-13-000-801 and 31-31-13-400-801. ULB Battery expiration date April, 2025.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.


Mechanic

A&P 3033881
Certificate type/number

10/7/2019
Date

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1537.6	Airframe Landings: 828
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- Item 1:** Removed RHIB Main Wheel Assy P/N 3-1609-1, S/N 2668 and Tire P/N 269K43-2, S/N 73452871, In Accordance With Challenger 300 MM Task #32-41-01-000-801. Installed "OVH" Wheel Assy P/N 3-1609-1, S/N 2595 and "New" Tire P/N 269K43-2, S/N 62932719, In Accordance With Challenger 300 MM Task #32-41-01-400-801. Serviced Tire to spec with Nitrogen.
- Item 2:** Removed RHOB Main Wheel Assy P/N 3-1609-1, S/N 2943 and Tire P/N 269K43-2, S/N 71562986, In Accordance With Challenger 300 MM Task #32-41-01-000-801. Installed "OVH" Wheel Assy P/N 3-1609-1, S/N 2922 and "New" Tire P/N 269K43-2, S/N 91403187, In Accordance With Challenger 300 MM Task #32-41-01-400-801. Serviced Tire to spec with Nitrogen.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14 CFR Part 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic

A&P 3033881
Certificate type/number

9/30/2019
Date

BOMBARDIER

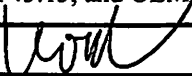
Aircraft Registration: N300ER	Serial Number: 20428	Model: BD100-1A10	Page 1 of 1
Total Time: 1498.9	Landings: 808	Date: 08 SEP 2019	Hobbs Meter: N/A

The Following Serialized Parts Were Replaced:						
SVO Control #	Part Name	P/N Off	S/N Off	P/N On	S/N On	Status
0002	PSEU	30227-0502	568	30227-0503	757	Tested
0003	RIPS	100-2010-100	000871780	100-2010-100	RP0001082	New
0003	CVR	2100-1225-22	000265866	2100-1225-22	001242170	Inspected

SVO Control #	Complied With The Following Maintenance Items:
0002	No faults noted during powered up. Per customer requested removed and replaced Proximity Sensor Electronic unit (PSEU) with customer supplied tested unit. Operational checked good. Work done IAW CL 300 AMM Rev. 65 dated 08 Jul 2019. Chapter 32-61-09.
0003	No CAS MSG after powered up. Customer elected to replace RIPS and CVR with customer supplied parts as precaution. Functional and Operational tested good. Work done IAW CL 300 AMM Rev. 65 dated 08 Jul 2019. Chapter 23-71-25 and 23-71-01.

The above aircraft was repaired in accordance with current federal regulations and the above described maintenance is certified airworthy, with a detailed record on file under work order: **226812**.

Completed above maintenance IAW 14 CFR 43.13, and OEM Procedures and is approved for return to service.

Hoat Nguyen 43994	Signature : 	Date:	08 SEP 2019
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Learjet Inc., Wichita Service Center, One Learjet Way, Wichita, Kansas, USA 67209-2942

FAA-CRS-LK2R981K

BOMBARDIER

Aircraft Registration: N300ER	Serial Number: 20428	Model: BD-100-1A10	Page 1 of 1
Total Time: 1474.2	Landings: 796	Date: 25 August 2019	Hobbs Meter: N/A

The Following Serialized Parts Were Replaced:						
SVO Control #	Part Name	P/N Off	S/N Off	P/N On	S/N On	Status
0002	NWS RVDT	GM10323-3	1996	GM10323-3	2276	Repaired

SVO Control #	Complied With The Following Maintenance Items:
0002	Removed NWS RVDT and Installed repaired unit IAW CH 300 AMM 32-51-29-000-801 & 32-51-29-400-801. Ops and Taxi Test good.

I certify that the aircraft, airframe, engine or appliance above was repaired and inspected in accordance with 14 CFR 91.409 and is approved for return to service for the work performed.

Jesse Mathis	Signature : 	Date: 25 August 2019
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Learjet Inc., Wichita Service Center, One Learjet Way, Wichita, Kansas, USA 67209-2942 CRS# LK2R981K

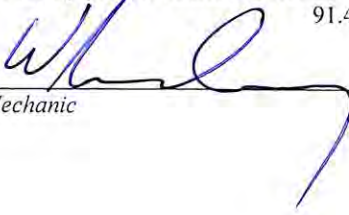
AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1495.1	Airframe Landings: 807
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- Item 1:** Removed Cockpit Voice Recorder p/n 2100-1025-22, s/n 000888494. Installed "Repaired" Cockpit Voice Recorder p/n 2100-1225-22, s/n 000265866. Work performed In Accordance With Challenger 300 Maintenance Manual task numbers 23-71-01-000-801 and 23-71-01-400-801. Operational test normal.
- Item 2:** For recording purposes: CVR installation referenced above came with a ULB installed. ULB p/n DK120, s/n NT49601 is no longer installed on this aircraft. ULB p/n 266E5542-00, s/n ULB027532, expiration date of OCT 2025.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14 CFR Part 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic

A&P 3033881
Certificate type/number

9/5/2019
Date

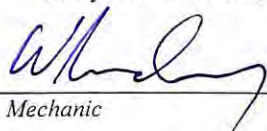
AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1468.4	Airframe Landings: 793
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Item 1: Removed Data Concentrator Unit, p/n 822-1578-007, s/n 41GH3F and replaced with "OVH" Data Concentrator Unit, p/n 822-1578-007, s/n 41GLPH. Operational test normal. Work performed In Accordance With Bombardier Challenger 300 Maintenance Manual Tasks 31-41-01-000-802 and 31-41-01-400-802.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14 CFR Part 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic

A&P 3033881
Certificate type/number

8/20/2019
Date

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1454.0	Airframe Landings: 786
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- Item 1:** Removed LHOB Main Wheel Assy P/N 3-1609-1, S/N 2603 and Tire P/N 269K43-2, S/N 70303260, In Accordance With Challenger 300 MM Task #32-41-01-000-801. Installed "Overhauled" Wheel Assy P/N 3-1609-1, S/N 2661 and "New" Tire P/N 269K43-2, S/N 72293234, In Accordance With Challenger 300 MM Task #32-41-01-400-801. Serviced Tire to spec with Nitrogen.
- Item 2:** Removed LHIB Main Wheel Assy P/N 3-1609-1, S/N 2609 and Tire P/N 269K43-2, S/N 70302512, In Accordance With Challenger 300 MM Task #32-41-01-000-801. Installed "Overhauled" Wheel Assy P/N 3-1609-1, S/N 2946 and "New" Tire P/N 269K43-2, S/N 60693145, In Accordance With Challenger 300 MM Task #32-41-01-400-801. Serviced Tire to spec with Nitrogen.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14 CFR Part 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic

A&P 310029006
Certificate type/number

8/13/2019
Date

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1439.2	Airframe Landings: 778
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Item 1: Complied with task 24-32-01-201 by removing #1 Main Battery P/N 441CH1 S/N B07356 and installing "Overhauled" Battery P/N 441CH1 S/N A05738 per Challenger 300 MM 24-32-01-000-801 and 24-32-01-400-801.

Item 2: Complied with task 24-32-01-201 by removing #2 Main Battery P/N 441CH1 S/N C00029 and installing "Overhauled" Battery P/N 441CH1 S/N B02683 per Challenger 300 MM 24-32-01-000-801 and 24-32-01-400-801.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14CFR 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic

A&P 310029006
Certificate type/number

7/23/2019
Date

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1435.0	Airframe Landings: 776
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Item 1: Removed aircraft Defibrillator batteries P/N: 104404 S/N: N/A and installed "New" batteries P/N: 104404 S/N: N/A. Installed batteries expire November 30, 2019.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14CFR 91.409(d)(3) and is approved for return to service for the work performed.



Mechanic

A&P 310029006

Certificate type/number

7/16/2019

Date

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1409.2	Airframe Landings: 765
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Item 1: Complied with STLMC Task 25-62-00-602 "Restoration of Life Rafts" Per Challenger 300 STLMC and installed "Overhauled" Life Rafts P/N: 46FASA-6K2-1-201 S/N: 4UL-02744, S/N: 4UL-02743 and S/N: 4UL-02742. Weight and balance information has been updated.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14CFR 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic

A&P 310029006
Certificate type/number

6/5/2019
Date

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1397.6	Airframe Landings: 760
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- Item 1:** Removed forward, right side Life Raft, p/n 46FASA-6K2-1-201, s/n 4UL-02744. Weight and balance information has been updated.
- Item 2:** Removed forward, left side Life Raft, p/n 46FASA-6K2-1-201, s/n 4UL-02743. Weight and balance information has been updated.
- Item 3:** Removed aft Life Raft, p/n 46FASA-6K2-1-201, s/n 4UL-02742. Weight and balance information has been updated.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14 CFR Part 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic

ASP310029006
Certificate type/number

5/30/2019
Date

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1397.6	Airframe Landings: 760
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- Item 1:** Complied with STLMC Item 38-10-00-603: Sterilization of Potable Water System
- Item 2:** Removed Cockpit Voice Recorder ULB Battery p/n DK120, s/n SD14919, and replaced with "NEW" ULB Battery, p/n DK120, s/n NT49601. Work performed In Accordance with Challenger 300 Maintenance Manual Task 23-71-21-202. Battery Expires January, 2025.
- Item 3:** Complied with STLMC item 33-51-00-602: Restoration of Emergency Escape Path Lighting Power Supplies by removing 2 each power supplies, p/n BR9661-100, nsn, and installing 2 "NEW" Power Supplies, p/n BR9661-100, nsn.
- Item 4:** Complied with 18 Month Task 33-51-17-201: Restoration of Emergency Power Supply (Forward) by removing existing power supply, p/n RPS1-B, s/n 26298, and installing "NEW" power supply p/n RPS1-B, s/n 29013.
- Item 5:** Complied with 18 Month Task 33-51-17-201: Restoration of Emergency Power Supply (AFT) by removing existing power supply, p/n RPS1-B, s/n 26301, and installing "NEW" power supply p/n RPS1-B, s/n 30101.
- Item 6:** Complied with 18 Month Task 33-51-00-603: Operational Test of Interior Emergency Lights. No discrepancies noted.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14 CFR Part 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic

A&P 3033881
Certificate type/number

5/29/2019
Date

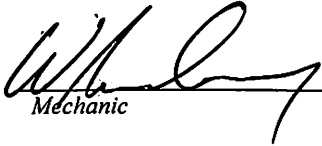
AIRFRAME MAINTENANCE ENTRY

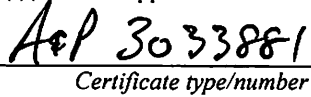
Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1385.1	Airframe Landings: 754
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- Item 1:** Removed MedAire First Aid Kit P/N AFAK1.0RX S/N 021116018 and installed "Refurbished" kit P/N AFAK1.0RX S/N 021116018.
- Item 2:** Complied with 12 month inspection item 25-62-00-604 Visual Inspection of MedAire First Aid Kit.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14 CFR Part 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic


Certificate type/number

5/13/2019
Date

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1342.9	Airframe Landings: 736
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- Item 1:** Complied with Bombardier Challenger 300 Service Bulletin 100-35-07: Modification – Oxygen Supply System – Replacement of the Crew Oxygen Mask, Part A (Pilot side) and Part B (CoPilot side). P/N off: BMA2-1, pilot and copilot side (2 each), no serial number. P/N on: “NEW” 100K35-07 (pilot side), no serial number, and “NEW” p/n 100K35-07A (copilot side), no serial number. Weight and Balance change is negligible. Work performed In Accordance With instructions contained within this Service Bulletin.
- Item 2:** Removed Pilot side crew oxygen mask, p/n MRA023, s/n 3987 and installed “NEW” crew oxygen mask p/n MC20-019, s/n B141253. Operational check normal. Work performed In Accordance With CL-300 Maintenance Manual tasks 35-11-07-000-801 and 35-11-07-400-801.
- Item 3:** Removed CoPilot side crew oxygen mask, p/n MRA023, s/n 3981 and installed “NEW” crew oxygen mask p/n MC20-019, s/n B141255. Operational check normal. Work performed In Accordance With CL-300 Maintenance Manual tasks 35-11-07-000-801 and 35-11-07-400-801.
- Item 4:** AD 2018-21-14, effective date March 27, 2019, crew oxygen mask regulator inspection and replacement found not applicable in accordance with Zodiac Aerospace SB MC10-35-274 R2. Affected inflatable harness assemblies not installed on the aircraft's crew oxygen mask regulators. No further action is required.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14CFR 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic

A&P 3033881
Certificate type/number

4-1-2019
Date

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1312.1	Airframe Landings: 722
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Item 1: Removed #2 Input Output Concentrator p/n 822-1362-152, s/n 426PVO. Installed "Modified" Input Output Concentrator p/n 822-1362-152, s/n 4L87F. Operational test normal. Work performed in accordance with Bombardier Challenger 300 Maintenance Manual tasks 31-45-05-000-801 and 31-45-05-400-801.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14CFR 91.409(f)(3) and is approved for return to service for the work performed.



Mechanic

A&P 3033881

Certificate type/number

1-16-2019

Date

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1295.6	Airframe Landings: 712
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Item 1: Removed #1 Main Ship Battery P/N 441CH1 S/N B01947 and installed "Overhauled" Battery P/N 441CH1 S/N B07356 to comply with tasks 24-32-01-201 and 24-32-01-302. Work performed per Challenger 300 Maintenance Manual 24-32-01-000-801.

Item 2: Removed #2 Main Ship Battery P/N 441CH1 S/N B01948 and installed "Overhauled" Battery P/N 441CH1 S/N C00029 to comply with tasks 24-32-01-201 and 24-32-01-302. Work performed per Challenger 300 Maintenance Manual 24-32-01-000-801.

Item 3: Complied with 12 Month item 25-62-00-614: Restoration Maglight Flashlight.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14CFR 91.409(f)(3) and is approved for return to service for the work performed.



Mechanic

A&P 3033881

Certificate type/number

12/27/2018

Date

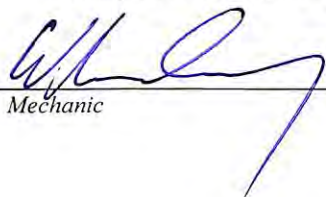
AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1295.6	Airframe Landings: 712
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Item 1: Drained and serviced RT Hydraulic system reservoir In Accordance With Challenger 300 Maintenance Manual Task 29-10-00-680-801. Operational and leak checks normal.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14CFR 91.409(f)(3) and is approved for return to service for the work performed.



Mechanic

A&P 3033881

Certificate type/number

12/12/2018

Date

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1290.2	Airframe Landings: 710
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Item 1: Complied with the following 12 Month Inspection tasks:

29-00-00-501: Functional test (Contamination test) of the left, right, and auxiliary hydraulic systems fluid.

32-11-00-206: Lubrication of Main Landing gear and components

32-21-00-205: Lubrication of Nose Landing gear and components

24-00-00-501: Operational Check (Cycling) of thermal circuit breakers

24-20-00-601: Operational Test of Ground Fault Interrupter

27-11-17-201: Lubrication of Aileron Brush Seals

Item 2: Complied with the following 6 Month Inspection Task:

38-10-00-603: Sterilization of potable water system

Item 3: Complied with the following 400 Hour Inspection Task:

45-76-00-201: Detailed Inspection of Engine Fault Data, #1 and #2 Engines

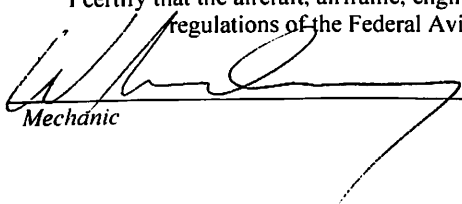
Item 4: AD 2018-20-16, effective date November 23, 2018, Paragraph (j) is not applicable by Aircraft Serial Number.

AD 2018-20-16, effective date November 23, 2018, Paragraph (l) is not applicable by Aircraft Serial Number

Complied with AD 2018-20-16, effective date November 23, 2018, Paragraph (n), by revising the maintenance or inspection program to incorporate life limit tasks 29-21-13-101, 32-43-37-101, and 32-44-05-101 of the Airworthiness Limitations of Bombardier Challenger 300 BD-100 Time Limits/Maintenance Checks Manual. No further action is required for this paragraph.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.



Mechanic

A&P 3033881

Certificate type/number

12/5/2018

Date

Complied with the following 60 Month Tasks:

26-21-01-202 Functional Test of the Fire Extinguisher Contents Weight. #1 Bottle 8.77 lbs. **DOM 08/2013**, #2 Bottle 8.81 lbs. **DOM 08/2013**.

Complied with the following 450 Landing Tasks:

27-50-00-107 Detailed inspection of the Inboard and Outboard Flap Actuator.
27-50-00-108 Functional test of the Inboard and Outboard Flap Actuators.
57-50-00-107 Detailed Inspection of the Flap Structure for Actuator Disconnected.

Complied with the Following Misc. Tasks:

25-62-00-609 SMM Functional Test of the Fwd Crew Closet Portable Fire Extinguisher (Weight Test). (5.4lbs)
25-62-00-610 SMM Restoration of the Cabin Portable Fire Extinguishers. Replaced Fire Extinguisher S/N Y-456248 with new P/N 30H673 S/N E-93776427.
34-11-00-100 Perform EJM Annual Avionics Checklist.
45-45-00-501 Discard of the Maintenance Diagnostic Computer (MDC) Battery. Rockwell Collins replaced battery in MDC P/N 822-1988-104 S/N 412DL5

Replaced R/H CCP (Cursor Control Panel) Joystick P/N 822-2213-004 S/N 4MGXD with Overhauled CCP Joystick P/N 822-2213-004 S/N 486K53.

Replaced nose steering over-tow pin P/N: 40744-1 with new.

Complied with evaluated minor L&R Thrust Reverser corrosion per Bombardier SRPSA 000292013 and REO R1007830120 Rev A. Condition allows continued operation with a 1200 Hour "Fly-On". Repair procedure must be performed before expiration of permitted Fly-On. Next due at or before 2480.0 ATT.

Unit	Part Number	Serial Number
Upper L/H TR	13E117-04-06U	AS1776
Upper R/H TR	13E118-05-06U	AS1774
Lower L/H TR	13E103-10-06U	AS1777
Lower R/H TR	13E103-10-06U	AS1775

I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH THE MANUFACTURES INSPECTION PROGRAM REQUIRED BY FAR 91.409(f)(3), WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE. INSPECTIONS: **450 LANDING**.

A/C TSN: 1280.0 W/O # 214184.

A/C LDG: 705 Date: 11/26/2018 SIGNATURE: *Jeffrey A. McKenzie* CRS# LK2R981K

BOMBARDIER

the evolution of mobility

A/C: 300-20428 REG: N300ER LDG: 705 TSN: 1280.0
CRS# LK2R981K WICHITA, KANSAS

Verified **AD 2017-22-14** "Rockwell Collins Inc. TSSA field loadable Software (FLS) Rockwell Collins p/n 810-0052-002,-001,-010,-012,-100 or -101 found on TSS-4100 Traffic Surveillance System Processing units" was previously complied with by incorporation of Service Bulletin SB100-34-44 R1 on 05/30/2018.

Complied with **Service Bulletin 100-32-31 R3** "Modification-Nose wheel-Steering Control System-Addition of a Filter in the Nose wheel Steering Hydraulic System". Installed New kit P/N 100K32-31.

Complied with **Service Bulletin 100-57-21 R1** "Modification - Flaps - Replacement of the Left and Right Outboard Flap Fairing Rod End and Hardware".

Complied with **Advisory Wire AW300-57-0229 Rev 02** Outboard Flap Fairing Support Rod

Complied with the following 400 Hour Tasks:

27-50-00-106 Functional Test of the Flap Alternate Hydraulic-System.

Complied with the following 12 Month Tasks:

24-32-05-302 Operational Test of the Integrated-Standby Instrument (ISI) Battery Capacity.

25-62-00-612 SMM Detailed Inspection of the Passenger Life Vests.

UNIT	P/N	S/N	DOM
L/H #1 Life Vest	63600-105	L2197001	July/2013
L/H #2 Life Vest	63600-105	L2166409	July/2013
L/H #3 Life Vest	63600-105	L2203495	July/2013
L/H #4 Life Vest	63600-105	L2197003	July/2013
R/H #1 Life Vest	63600-105	L2196999	July/2013
R/H #2 Life Vest	63600-105	L2203497	July/2013
R/H #3 Life Vest	63600-105	L2203498	July/2013
R/H #4 Life Vest	63600-105	L2196998	July/2013
Lav Life Vest	63600-105	L2203501	July/2013

25-62-00-613 SMM Detailed Inspection of the Life Rafts.

UNIT	P/N	S/N	DOM
L/H Fwd Life Raft	46FASA-6K2-1-201	4UL-02744	Aug/2013
R/H Fwd Life Raft	46FASA-6K2-1-201	4UL-02743	Aug/2013
Aft Life Raft	46FASA-6K2-1-201	4UL-02742	Aug/2013

25-63-00-201 SMM Complied with Emergency Locator Transmitter Battery Inspection and Systems Functional Test (**IAW FAR 91.207 (d)**), Inspected ELT P/N 453-5060 S/N 14235, Hex # 2DC7463F8CFFBFF, **Battery Exp. Date Aug 2022.**

27-52-13-201 Lubrication Inboard/Outboard Flap Actuator.

Complied with the following 36 Month Tasks:

24-32-05-101 Replaced ISI (Integrated Standby Instrument Battery). Removed: P/N: 100-2410-02 S/N: 1136401. Installed repaired battery: P/N: 100-2410-02 S/N: 1128623.

Continued On Page 2

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1251.7	Airframe Landings: 688
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Item 1: Removed Pilot's life vest, p/n P0723E105PWC, s/n 13081150006. Installed "NEW" Pilot's life vest, p/n P01074-101WC, s/n 18052990002. Work performed In Accordance With Challenger 300 Maintenance Manual task #25-62-01-610-801. Vest next due for restoration 5/2023

Item 2: Removed CoPilot's life vest, p/n P0723E105PWC, s/n 13081150008. Installed "NEW" CoPilot's life vest, p/n P01074-101WC, s/n 18052990012. Work performed In Accordance With Challenger 300 Maintenance Manual task #25-62-01-610-801. Vest next due for restoration 5/2023

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.



Mechanic

A&P 3033881

Certificate type/number

9/26/2018

Date

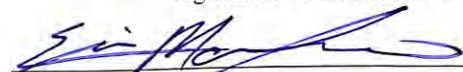
AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1248.2	Airframe Landings: 686
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- Item 1:** Removed LT Nose Wheel Assy p/n 3-1610-1 s/n 1473/1473 and tire p/n 185K03-1, s/n 53182751, In Accordance With Challenger 300 MM Task #32-42-01-000-801. Installed "Overhauled" wheel assy p/n 3-1610-1 s/n 1563/1563 and tire p/n 185K03-1, s/n 72752746, In Accordance With Challenger 300 MM Task #32-42-01-400-801. Serviced tire to spec with Nitrogen.
- Item 2:** Removed RT Nose Wheel Assy p/n 3-1610-1 s/n 1475/1475 and tire p/n 185K03-1, s/n 53242736, In Accordance with Challenger 300 MM Task #32-42-01-000-801. Installed "Modified" wheel assy p/n 3-1610-1 s/n 1569/1569 and tire p/n 185K03-1, s/n 72762759, In Accordance With Challenger 300 MM Task #32-42-01-400-801. Serviced tire to spec with Nitrogen.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.


Mechanic

A&P 310029006
Certificate type/number

9/18/2018
Date

AIRFRAME MAINTENANCE ENTRY

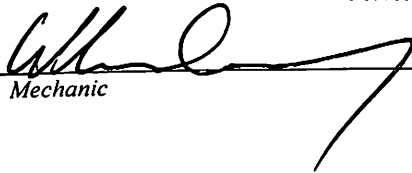
Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1214.6	Airframe Landings: 669
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Item 1: Complied with AD 2018-13-04, effective date July 25, 2018, passenger oxygen mask dispensing unit (POMDU) replacement in accordance with SB 100-35-08. No further action is required.

Item 2: Complied with 24-Month TLMC Task 25-62-00-208: Detailed Inspection of the Protective Breathing Equipment (PBE) for the Flight Crew, #2 PBE.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14 CFR Part 91.409(f)(3) and is approved for return to service for the work performed.



Mechanic

A&P 3033881

Certificate type/number

7/30/2018

Date

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1200.0	Airframe Landings: 663
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- Item 1:** Removed #1 Main Ship Battery P/N 441CH1 S/N A05738 and installed "Overhauled" Battery P/N 441CH1 S/N B01947 to comply with tasks 24-32-01-201 and 24-32-01-302. Work performed per Challenger 300 Maintenance Manual 24-32-01-000-801.
- Item 2:** Removed #2 Main Ship Battery P/N 441CH1 S/N B02683 and installed "Overhauled" Battery P/N 441CH1 S/N B01948 to comply with tasks 24-32-01-201 and 24-32-01-302. Work performed per Challenger 300 Maintenance Manual 24-32-01-000-801.
- Item 3:** Complied with STLMC item 26-10-00-604 Restoration of Baggage Compartment Smoke Detector

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14CFR 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic

A&P 310029006
Certificate type/number

6/30/2018
Date

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1188.7	Airframe Landings: 658
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- Item 1:** Removed RHIB Main Wheel Assy P/N 3-1609-1, S/N 2595 and Tire P/N 269K43-2, S/N 43033549, In Accordance With Challenger 300 MM Task #32-41-01-000-801. Installed "OVH" Wheel Assy P/N 3-1609-1, S/N 2668 and "New" Tire P/N 269K43-2, S/N 62932719, In Accordance With Challenger 300 MM Task #32-41-01-400-801. Serviced Tire to spec with Nitrogen.
- Item 2:** Removed RHOB Main Wheel Assy P/N 3-1609-1, S/N 2808 and Tire P/N 269K43-2, S/N 52513118, In Accordance With Challenger 300 MM Task #32-41-01-000-801. Installed "OVH" Wheel Assy P/N 3-1609-1, S/N 2943 and "New" Tire P/N 269K43-2, S/N 71562986, In Accordance With Challenger 300 MM Task #32-41-01-400-801. Serviced Tire to spec with Nitrogen.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14 CFR Part 91.409(f)(3) and is approved for return to service for the work performed.



Mechanic

A&P 310029006

Certificate type/number

6/22/2018

Date

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1165.0	Airframe Landings: 646
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Item 1: Complied with 6 Month STLMC Task 38-10-00-603: Sterilization of Potable Water System.

Item 2: Complied with SB 100-34-44 R1 Part A. Installed TSSA-4100 Software p/n 810-0052-102. No further action is required.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14 CFR Part 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic

A&P 3033881
Certificate type/number

5/30/2018
Date

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1151.0	Airframe Landings: 640
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Item 1: Removed RT Hydraulic Shutoff Valve Actuator, p/n 975266-301, s/n 2486 and replaced with "Repaired" hydraulic Shutoff Valve Actuator, p/n 975266-301, s/n 2520. Ops test normal. Work performed In Accordance With Challenger 300 Maintenance Manual Tasks 29-12-33-000-802, 29-12-33-400-802, and 29-12-33-710-801.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14 CFR Part 91.409(f)(3) and is approved for return to service for the work performed.



Mechanic

A&P 3033881

Certificate type/number

5/22/2018

Date

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1151.0	Airframe Landings: 640
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Item 1: Removed MedAire First Aid Kit P/N AFAK1.0RX S/N 02116018 and installed "Refurbished" kit P/N AFAK1.0RX S/N 02116018.

Item 2: Complied with 12 month inspection item 25-62-00-604 Visual Inspection of MedAire First Aid Kit.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14 CFR Part 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic

A&P 310029006
Certificate type/number

5/10/2018
Date

BOMBARDIER

Aircraft SN: 20428	Aircraft TSN: 1116.9	Aircraft CSN: 624	Date: 03-06-2018
Model: BD-100-1A10	Aircraft Registration: N300ER	Page 1 of 1	

The Following Serialized Parts Were Replaced:					
Nomenclature	P/N Off	S/N Off	P/N On	S/N On	Status
RVDT	FE325000000 amdt A H538B (1002710030-001)	Y8379	FE325000000 amdt A H538B (1002710030- 001)	W6481	Tested, Inspected

Complied With The Following Maintenance Items:
Removed and replaced RVDT PN FE325000000 amdt A H538B (1002710030-001) SN Y8379 with Tested, Inspected Unit SN W6481 IAW CH 300 AMM 27-21-29 REV 59. Ops check good.

I certify that the aircraft, airframe, engine or appliance above was repaired and inspected in accordance with 14 CFR 91.409 and Completed maintenance IAW EJM GOM, 14 CFR 43.13, and OEM Procedures and is approved for return to service for the work performed. The above described maintenance is certified airworthy and a detailed record is on file under: WO# 209041.

BENJAMIN WHISENAND		Date:	03/06/2018	FAA CRS# LK2R981K
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Learjet Inc., Wichita Service Center, One Learjet Way, Wichita, Kansas, USA 67209-2942

CRS# LK2R981K

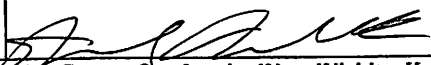
BOMBARDIER

Aircraft SN: 20428	Aircraft TSN: 1114.1	Aircraft CSN: 622	Date: 03-01-2018
Model: BD-100-1A10	Aircraft Registration: N300ER	Page 1 of 1	

The Following Serialized Parts Were Replaced:					
Nomenclature	P/N Off	S/N Off	P/N On	S/N On	Status
ACTUATOR, RUDDER LIMITER	C47542-003 (1002720018-003)	0476	C47542-003 (1002720018-003)	0461	

Complied With The Following Maintenance Items:
Removed and replaced ACTUATOR, RUDDER LIMITER PN C47542-003 (1002720018-003) SN 0476 with Repaired Unit SN 0461 IAW CH 300 AMM 27-21-28 REV 59. Ops check good.

I certify that the aircraft, airframe, engine or appliance above was repaired and inspected in accordance with 14 CFR 91.409 and Completed maintenance IAW EJM GOM, 14 CFR 43.13, and OEM Procedures and is approved for return to service for the work performed. The above described maintenance is certified airworthy and a detailed record is on file under: WO# 208884.

BENJAMIN WHISENAND		Date:	03/01/2018	FAA CRS# LK2R981K
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Learjet Inc., Wichita Service Center, One Learjet Way, Wichita, Kansas, USA 67209-2942

CRS# LK2R981K

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1110.0	Airframe Landings: 620
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Item 1: For troubleshooting purposes, swapped Left Side Hydraulic Heat Exchanger with Right Side Hydraulic Heat Exchanger.

- For Left Side Hydraulic System: Removed Hydraulic Heat Exchanger p/n 975244-5, s/n PN5495. Installed p/n 975244-5, s/n PN5496. Leak check normal, failed ops test.
- For Right Side Hydraulic System: Removed Hydraulic Heat Exchanger p/n 975244-5, s/n PN5496. Installed p/n 975244-5, s/n PN5495. Leak check and ops test normal.

All work performed In Accordance with Challenger 300 Maintenance Manual, tasks 29-12-45-000-801 (removal) and 29-12-45-400-801 (installation).

Item 2: Removed Left Hydraulic System Heat Exchanger, p/n 975244-5, s/n PN5496. Installed "OVH" Hydraulic Heat Exchanger, p/n 975244-5, s/n PN5743. Ops test and leak test normal. All work performed In Accordance with Challenger 300 Maintenance Manual, tasks 29-12-45-000-801 (removal) and 29-12-45-400-801 (installation).

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14CFR 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic

A&P 310039006
Certificate type/number

2/23/2018
Date

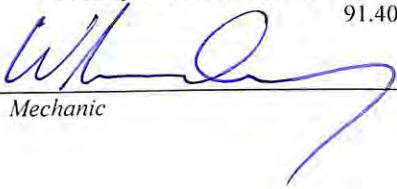
AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1073.8	Airframe Landings: 599
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- Item 1:** Removed #1 Main Ship Battery P/N 441CH1 S/N B07356 and installed "Overhauled" Battery P/N 441CH1 S/N A05738 to comply with tasks 24-32-01-201 and 24-32-01-302. Work performed per Challenger 300 Maintenance Manual 24-32-01-000-801.
- Item 2:** Removed #2 Main Ship Battery P/N 441CH1 S/N C00029 and installed "Overhauled" Battery P/N 441CH1 S/N B02683 to comply with tasks 24-32-01-201 and 24-32-01-302. Work performed per Challenger 300 Maintenance Manual 24-32-01-000-801.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14CFR 91.409(f)(3) and is approved for return to service for the work performed.



Mechanic

A&P 3033881

Certificate type/number

12/26/2017

Date

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1047.3	Airframe Landings: 585
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Item 1: Complied with the following 12 Month Inspection tasks:

29-00-00-501: Functional test (Contamination test) of the left, right, and auxiliary hydraulic systems fluid.

32-11-00-206: Lubrication of Main Landing gear and components

32-21-00-205: Lubrication of Nose Landing gear and components

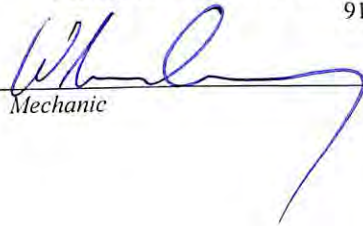
24-00-00-501: Operational Check (Cycling) of thermal circuit breakers

Item 2: Complied with the following 6 Month STLMC task:

38-10-00-603: Sterilization of potable water system

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14 CFR 91.409(f)(3) and is approved for return to service for the work performed.



Mechanic

A&P 3033881

Certificate type/number

11-29-2017

Date

BOMBARDIER

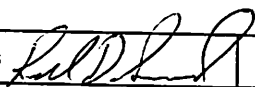
Aircraft SN: 20428	Aircraft TSN: 1045.6	Aircraft CSN: 584	Date: 11/17/2017
Model: BD-100-1A10	Aircraft Registration: N300ER		Page 1 of 1

Complied With The Following Maintenance Items:
Reseated Pin R, at Connector S89P and Performed a Satisfactory Ops Test of the APU IAW CL-300 AMM 49-11-00.

The Above Aircraft Was Repaired and Inspected, IAW EJM GOM, 91.409, And OEM Procedures and Is Approved For Return to Service.

I certify the above described maintenance is certified airworthy and a detailed record is on file under:

W.O. #204077.

Print Name & Signature	Ronald Seamands 	Date:	11/17/2017	FAA CRS# L5VR603Y EASA CRS# 145.5311
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BOMBARDIER AEROSPACE, LEARJET INC.
BOMBARDIER AVIATION SERVICE, 7336 AVIATION PLACE, DALLAS TX 75235

34FAR-8	Inspect/Test Center Console (A90)(ISI) Integrated Standby Instrument (91.411)		
34-13-00-101-1	Functional Test Left A1- Air Data (ADC-3000) Computer (RVSM)		
34-13-00-101-2	Functional Test Right A2- Air Data (ADC-3000) Computer (RVSM)		
The Following Calibrated Test Equipment were utilized:			
Equipment: Druke ADTS-405, S/N: A/1070/00-10, Calibration Due Date: 12/16/2017			
Altimeter Systems Tests and Inspections required by F.A.R. 91.411 have been accomplished in accordance with F.A.R. Part 43 Appendix E, Paragraphs A, B, & C and found to meet or exceed FAR requirements. The Altimeter(s) have been tested to 45,000 Feet.			
Standby Altimeter Part No: C16786LA02		Serial No.: C16786006944	
ADC No. 1 Part No.: 822-1109-020		Serial No.: 41H948	
ADC No. 2 Part No.: 822-1109-020		Serial No.: 41H94T	
The Following FAR 91.413 Checks Were Complied With Utilizing The Following Calibrated Test Equipment:			
Test Set IFR-6000, S/N: 1000671353, Calibration Due Date: 10/06/2018			
ATC Transponder Tests and Inspections Required By F.A.R. 91.413 were performed and found to Comply With F.A.R. Part 43 Appendix F.			
Transponder No. 1 Part No.: 822-2132-001		Serial No.: 499WM	
Transponder No. 2 Part No.: 622-9210-501		Serial No.: 4LV72	

Complied With The Following Maintenance Items:	
Perform Elevator and Rudder PCU Leak Rate Tests. C/W Leak Rate Tests of Rudder and Elevator PCUs, All Leak Checks Good. Ref. BD-100 AMM 29-00-00-790-801.	
Complied with 34-11-00-100 IC Avionics Annual	
Checked Nose Wheel Steering, Serviced Nose Wheel Tires, Verified Brake Pressures in MDC, No Defects Noted, Ref. CL300 AMM 32-51-00 and 12-15-00.	

The Above Aircraft Was Repaired and Inspected, IAW EJM GOM, 91.409, And OEM Procedures and Is Approved For Return to Service.

I certify the above described maintenance is certified airworthy and a detailed record is on file under: **W.O. #204409**

Print Name & Signature	James Gierhart 	Date:	11/17/2017	FAA CRS# L5VR603Y EASA 145.5311
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LEARJET INC, BOMBARDIER SERVICE CENTER
7336 AVIATION PLACE, DALLAS TX

33-51-00-602	(18 Month) Restoration – Emergency Escape Path Lighting Power Supply
33-51-00-603	(12 Month) Operational Test Interior Emergency Lights
35-00-00-607	(12 Month) Detailed Inspection Aft Lavatory Crew PBE
38-10-00-602	(1200 Hour) General Visual Inspection Potable Water System
38-31-00-601	(48 Month) General Visual Inspection Toilet Waste Disposal System

Complied with the following MODSUM:	
Document #:	Description:
IS100-53-0010	Audio Control Panel Switch Guard, Alternate Location For Life Vest Placard

The Following "LIFE LIMITED" Serialized Parts were Replaced:					
Part Name	P/N Off	S/N Off	P/N On	S/N On	TSN/CSN/DOM
ELT Battery	452-0133	359011-066	452-0133	375055-033	Exp.: 08/04/2022
Oxygen Bottle (115 CU.FT) Next Hydro Due:11-2022	806371-111	C13080336	806371-111	C13080336	DOM:06/2013
Oxygen Bottle (77 CU.FT) Next Hydro Due:11-2022	806371-121	C13080382	806371-121	C13080382	DOM:07/2013

The Following Serialized Parts Were Replaced:					
Nomenclature	P/N Off	S/N Off	P/N On	S/N On	Status
Ecology Bottle-Flap Power Unit	1754A0000-01	962	1754A0000-01	1470	New
Tire-#1 Main Landing Gear	269K43-2	41303302	269K43-2	70303260	New
Tire-#2 Main Landing Gear	269K43-2	41323290	269K43-2	70302512	New
MFD1(A29)Adaptive Flight Display	822-1917-325	41FXR	822-1917-328	41FXR	Modified
MFD2(A28)Adaptive Flight Display	822-1917-325	4M359	822-1917-328	4M359	Modified
PFD1(A27)Adaptive Flight Display	822-1917-325	4M358	822-1917-328	4M358	Modified
PFD1(A26)Adaptive Flight Display	822-1917-325	4LT91	822-1917-328	4LT91	Modified
Flight Management Computer(FMC)-#1	822-2488-100	41GH09	822-2488-130	4CX4XX	New
Flight Management Computer(FMC)-#2	822-2488-100	41GH0D	822-2488-130	4CX54T	New
Fire Extinguisher Control Unit	474112-2	ABT9109	474112-3	ADH3033	Inspected/Tested
Radio Interface Unit-#1	822-1469-651	429T15	822-1469-652	429T15	Modified
Data Concentrator Unit-Right Rack(A14)	822-1578-006	41GH3F	822-1578-007	41GH3F	Modified
Transponder-#2(TDR94D)	622-9210-409	4LV72	622-9210-501	4LV72	Modified
IOC-4100-#1 Input/output Concentrator	822-1362-150	412FC6	822-1362-152	412FC6	Modified
IOC-4100-#2 Input/output Concentrator	822-1362-150	426PVO	822-1362-152	426PVO	Modified

The Following FAR 91.411, RVSM & 91.413 Tasks / Checks Were Complied With:	
Code:	Description:
34FAR-1	Inspect/Test Pitot Static System (91.411)
34FAR-2	Inspect/Test Left A1- Air Data (ADC-3000) Computer (FAR 91.411)
34FAR-3	Inspect/Test Right A2- Air Data (ADC-3000) Computer (FAR 91.411)
34FAR-5	Inspect/Test Left Equipment Rack A31- ATC (Mode S)(TDR94D) Transponder (FAR 91.413)
34FAR-6	Inspect/Test Right Equipment Rack A30- ATC (Mode S)(TDR94D) Transponder (FAR 91.413)

27-61-00-301	Operational Test of the Flight-Spoiler Emergency Descent Capability
29-00-00-107	Functional Test of the Power Transfer Unit (PTU)
31-61-13-301	Operational Test of the Reversion Select Panel
32-34-00-306	Functional Test of the Landing-Gear Normal and Emergency Extension
79-20-05-201	Discard of the Engine Oil Filter Element

Complied With The Following Manufacturer's 1200 Hour Tasks Items:	
Code:	Description:
21-30-00-302	Detailed Inspection of the Ditching Flapper Valve
21-31-00-201	Operational Test of the Manual Mode of the Pressurization System
21-31-00-302	Operational Test of the Emergency Depressurization Function
21-53-21-301	Operational Test of the Ram Air Valve
21-60-00-201	Operational Test of the Manual Temperature Control
21-61-07-301	Operational Test of the Pre-Cooler Cross Over Valve
26-14-00-201	General Visual Inspection of the Main Landing Gear (MLG) Wheel Well Ground Wire And Terminal
27-11-00-203	Functional Test of the Aileron Cable Tension - Autopilot, Control Column And Fuselage Cables
27-21-00-201	Functional Test of the Rudder Cable Tension
27-21-05-202	Lubrication of the Rudder Power-Control Unit (PCU) Attachment Link
27-31-00-201	Functional Test of the Elevator Cable Tension
27-31-00-202	Functional Test of the Elevator Control Manual Reversion
27-31-01-301	Operational Test of the Pitch Disconnect Mechanism
27-32-00-301	Operational Test of the Automatic Autopilot Disconnect
27-52-01-202	General Visual Inspection of the Flexible Shafts of the Flap System
27-52-29-301	Detailed Inspection of the Flap Roller Carriage Rollers
28-22-07-302	Operational Test of the Gravity-Crossflow Valve Push Button Annunciator
29-21-00-301	Functional Test of the Auxiliary Hydraulic System
29-33-01-301	Functional Test of the Hydraulic Temperature Transducer
32-11-05-201	Functional Test of the Shock-Strut Extension of the Main Landing Gear Shock- Strut Extension
32-21-05-201	Functional Test of the Shock-Strut Extension of the Nose Landing Gear
32-34-00-201	Operational Test of the Extension and Retraction System
32-34-00-302	Detailed Inspection of the Landing Gear Emergency Extension System Control Routing In The Main Landing Gear Bay
32-34-00-303	Detailed Inspection of the Landing Gear Emergency Extension System Control Routing In The Nose Landing Gear Bay
32-43-00-202	Operational Test of the Brake System
32-44-13-301	Operational Test of the Emergency/Parking-Brake Pressure Switch
71-60-01-202	Detailed Inspection of the Engine Nacelle Inlet
80-11-00-205	Detailed Inspection of the Magnetic Drain Plug on the Engine Air Turbine

Complied With The Following Manufacturer's STLMC Tasks:	
Code:	Description:
11-30-30-601	(1200 Hour) General Visual Inspection Cabin Placards – Internal
24-20-00-601	(12 Month) Operational Test Ground Fault Interrupter (GFI)
25-21-00-601	(12 Month) Operational Teat Passenger Restraints
25-21-00-602	(1200 Hour) Operational Test Passenger Seat Assemblies
25-30-00-601	(1200 Hour) General Visual Inspection Galley Drainage Lines
25-30-00-602	(1200 Hour) Detailed Inspection Galley Waste Container
25-62-00-604	(12 Month) Visual Check First Aid Kit Of The First Aid Kit Seal
25-62-00-609	(24 Month) Weight Check FWD Crew Closet Portable Fire Extinguisher
25-62-00-612	(12 Month) Detailed Inspection L1 Passenger Life vest
25-62-00-613	(12 Month) Detailed Inspection No.1 Forward Closet Life Raft
25-62-00-614	(12 Month) Discard Of The Flashlight Batteries
25-63-00-201	(12 Month) Operational Test Artex(ELT) Emergency Locator Transmitter
25-63-00-202	Discard of the Emergency Locator Transmitter (ELT) Battery
33-20-00-601	(1200 Hour) Operational Test Ordinance Signs

57-ZL-00-315	GVI trailing edge LH/ RH wing from WS80.281 to WS298.155- External
71-ZL-00-202	General Visual Inspection of the Left/ Right Nose Cowl
71-ZL-00-203	General Visual Inspection of the Engine (Cowlings Removed) LH/ RH
71-ZL-00-301	General Visual Inspection of the External Nacelle LH/ RH
78-ZL-00-201	General Visual Inspection of the Left/ Right Thrust Reverser (Thrust Reverser Deployed)

Complied With The Following Manufacturer's 600 Hour Tasks Items:

Code:	Description:
22-22-01-301	Operational Test of the Yaw Damper Linear-Actuator
25-11-00-201	General Visual Inspection of the Safety Straps
25-11-00-202	Operational Test of the Inertia Reel and Inertia Reel Control
26-21-00-306	Operational Test of the L/ R Engine Fire Push Button Annunciator (PBA)
26-21-00-307	Operational Test of the APU Fire Push Button Annunciator (PBA)
27-00-00-205	Operational Test of the Flight Control Power-Control Units (PCU)
27-11-00-202	Functional Test of the Aileron Cable Tension - Wing Cables (WS35.60 To WS292.00)
27-11-00-301	Operational Test of the Aileron Disconnect System
27-11-17-201	Lubrication of the Aileron Brush Seals
27-52-09-201	General Visual Inspection of the Adaptor Gearbox of the Flap System
27-52-13-201	Lubrication of the Inboard/Outboard Flap Actuator
27-52-19-301	General Visual Inspection of the Flap Transmission Brake
27-52-33-301	General Visual Inspection of the Flap Power Unit (FPU)
27-52-35-201	General Visual Inspection of the Flap Power Unit (FPU) Ecology Bottle
28-11-17-201	Detailed Inspection of the Gravity Filler Cap
28-13-00-301	Operational Test of the Fuel Vent System
28-21-00-201	General Visual Inspection of the Shroud Drains for the Fuel Lines
29-00-00-106	Operational Test of the Power Transfer Unit (PTU)
29-12-33-301	Operational Test of the Firewall Hydraulic Shutoff-Valve (FWSOV)
29-21-17-301	Visual Check of the Accumulator Charge Manifold
30-41-00-201	Functional Test of the Windshield Rain Repellant Layer
31-52-17-301	Operational Test of the Aural Warning Control-Panel
31-61-00-301	Operational Test of the Electronic Flight-Instrument System (EFIS)
32-43-00-201	Detailed Inspection of the Brake Wear Indicators
32-44-05-301	Functional Test of the Brake Accumulators
35-12-00-301	Operational Test of the Oxygen Contents Indication-System
52-41-01-201	General Visual Inspection of the Aft Equipment-Compartment Door-Se
52-71-00-201	Operational Test of the Door Sensors
71-00-00-202	General Visual Inspection of the Engine Fan-Cowl-Door Inlet-Scoops And Ventilation Grills
71-60-01-201	General Visual Inspection of the Engine Nacelle Inlet
71-60-01-203	General Visual Inspection of the Engine Generator Cooling Inlet
72-21-01-201	Detailed Inspection of the Engine Fan Blades
72-21-01-202	General Visual Inspection of the Engine Fan Inlet
72-21-01-204	Detailed Inspection of the Fan Stator Assembly on the Engine
72-21-01-205	General Visual Inspection of the Engine Fan Module
72-50-00-213	General Visual Inspection of the Exhaust Mixer-Nozzle Area on the Engine
72-60-00-201	General Visual Inspection of the Accessory Gearbox (AGB) Assembly
73-10-05-202	Visual Check of the Engine Fuel-Filter Mechanical Differential-Pressure Indicator (DPI)
76-10-01-201	Operational Test of the Full Throttle Range
80-11-00-202	Discard of the Engine Air Turbine Starter Oil
80-11-00-203	General Visual Inspection of the Engine Air Turbine Starter

Complied With The Following Manufacturer's 800 Hour Tasks Items:

Code:	Description:
27-41-05-301	Operational Test of the Horizontal Stabilizer-Trim Actuator (HSTA) Full Range Trimming
27-52-01-201	Lubrication of the Flexible Shafts of the Flap System

53-10-00-201	Detailed Inspection of the External Areas of the NLG Wheel Well from FS220.00 To FS291.00
53-20-00-205	Detailed Inspection of the External Fuselage Skins from FS327.80 to FS403.14 Below WL80.00
53-30-00-203	Detailed Inspection of the Frame Surround Structure and Fittings of the Over-Wing Emergency Exit Cutout
53-30-00-205	Detailed Inspection of the External Fuselage Skins from FS403.22 to FS621.78 be
53-40-00-210	Detailed Inspection of the External Fuselage Skin from FS621.00 to 62.5% Rear S
53-50-00-201	Detailed Inspection of the Internal Fuselage Structure from FS670.00 to the Atta
53-ZL-00-201	General Visual Inspection of the Radome - External/ Internal
53-ZL-00-202	General Visual Inspection of the Nose Landing Gear Wheel well
53-ZL-00-210	General Visual Inspection of the Main-Landing-Gear Wheel Well
53-ZL-00-218	General Visual Inspection of the Support Structure and Installed Equipment Inboard Of The Aft Wing/Fuselage Fairing
53-ZL-00-227	General Visual Inspection of the External Skins not covered by the Wing/ Fuselage Fairing From FS669.76 To FS788.53
53-ZL-00-229	General Visual Inspection of the Fuselage Stabilizer Section from FS788.53 to the Rear Spar Datum Of The Vertical Stabilizer-External
53-ZL-00-304	General Visual Inspection of the Forward Lower Fuselage from FS250.00 to FS327.00 Below WL91.25- Internal
53-ZL-00-306	General Visual Inspection of the Forward Fuselage from FS327.00 to FS406.00 below WL80.00- Internal
53-ZL-00-307	General Visual Inspection of the Mid Fuselage Compartment from FS486.00 to FS501.00 Below WL80.00
53-ZL-00-313	General Visual Inspection of the Forward Wing-to-Fuselage Fairing - External/Internal
53-ZL-00-315	General Visual Inspection of the Internal Aft Fuselage from FS635.65 to FS669.76 Below WL80.00
53-ZL-00-317	General Visual Inspection of the Rear Panels of the Wing-to-Fuselage Fairing
53-ZL-00-324	General Visual Inspection of the Baggage Compartment from FS621.65 to FS669.76- Internal
53-ZL-00-329	GVI tail cone- internal
54-ZL-00-302	General Visual Inspection of the Left/ Right Pylon - Internal
55-10-00-204	Detailed Inspection of the Internal Structure of the Horizontal Stabilizer that Surrounds The PCU'S
55-30-00-202	Detailed Inspection of the Aft Side and Hinge Fittings of the Vertical-Stabilizer Rear Spar
55-30-00-204	Detailed Inspection of the Internal Structure that Surrounds the PCUs in the Vertical Stabilizer
55-ZL-00-303	General Visual Inspection of the Vertical-Stabilizer - Internal
55-ZL-00-305	GVI LH/RH Horizontal-Stabilizer Flight Control Compartment And Left/Right Elevator Hinge Attach Points-Internal
57-10-00-206	GVI External Surface Center Wing Lower Plank Not Covered By The Under-Wing Fairing
57-20-00-210	Detailed Insp Flap support rails WS121.5, WS202.75 and WS263.9
57-71-00-202	Detailed Inspection of the Support Fittings and Bolts of the Ground Spoiler
57-72-00-202	Detailed Inspection of the Support Fittings and Bolts of the Multi-Function Spoiler
57-72-00-210	Detailed Inspection of the External Surface of the Outboard Multi-Function Spoiler
57-ZL-00-202	General Visual Inspection of the Left/ Right Aileron - External
57-ZL-00-204	General Visual Inspection of the Surface of the Left/ Right Wing Leading Edge - External
57-ZL-00-206	General Visual Inspection of the Upper Surface of the Left/ Right Wing from WS35.596 To WS370.00-External
57-ZL-00-207	General Visual Inspection of the Lower Surface of the Left/ Right Wing from WS35.596 To WS370.00-External
57-ZL-00-210	General Visual Inspection of the Left/ Right Winglet - External
57-ZL-00-211	General Visual Inspection of the Lower Inboard Trailing Edge of the Left/ Right Wing From WS35.596 To WS80.281-External
57-ZL-00-305	General Visual Inspection of the Left/ Right Wing Leading Edge as Visible through The Removed Access Panels- Internal
57-ZL-00-312	General Visual Inspection of the Inboard Trailing Edge of the Left/ Right Wing from WS35.596 To WS80.281-Internal
57-ZL-00-314	General Visual Inspection of the Trailing Edge of the Left/Right Wing from WS80.281 To WS298.155- Internal

Complied With The Following Manufacturer's 24 Month Tasks Items:	
Code:	Description:
24-32-05-201	Operational Test of the Built - In Test (BIT) for the Integrated Standby - Instrument
25-62-00-208	Detailed Inspection of the Protective Breathing Equipment (PBE) for the Flight Crew
25-62-00-209	Detailed Inspection of the Crew Life Vests
26-23-00-201	Functional Test of the Portable Fire Extinguisher in the Flight Compartment (Weight Check)
27-00-00-303	Detailed Inspection of the Flight Control Routing and Aileron Gust Lock Assembly
27-52-29-301	Detailed Inspection of the Flap Roller Carriage Rollers
32-ZL-00-201	General Visual Inspection of the Nose Landing Gear
32-ZL-00-202	General Visual Inspection of the Main Landing Gear
33-43-00-201	General Visual Inspection of the Wing Tip Lenses for Crazing and Diffusion of Light
34-11-09-201	Servicing of the Pitot-Static Visual Drain
34-13-00-101	Functional Test of the Air Data Computer
35-11-07-301	Operational Test of the Crew Oxygen Masks and Smoke Goggles
52-11-29-301	Detailed Inspection of the Passenger Door Seal
52-21-00-204	Functional Test of the EXIT-PULL Sign of the Over-Wing Emergency Exit
52-21-00-205	Operational Test of the Emergency Exit Proximity-Sensor
52-21-00-303	Functional Test of the over-wing emergency exit
52-21-01-201	Lube of the over-wing emergency exit
52-21-09-301	Detailed Inspection of the Over-Wing Emergency-Exit Seal
52-31-09-301	Detailed Inspection of the Baggage Bay Door Seal
57-ZL-00-216	General Visual Inspection of the Inboard Trailing Edge of the Left/Right Wing from WS35.596 To WS80.281-External

Complied With The Following Manufacturer's 48 Month Tasks Items:	
Code:	Description:
21-23-05-301	Operational Test of the Avionics Cooling Fan
27-00-00-206	General Visual Inspection of the Flight Control Routing in the Aft Equipment Compartment- (FS669.76 To Rear Spar Datum)
27-00-00-207	Detailed Inspection of the Flight Control Cables in the Aft Equipment Compartment-(FS669.76 To FS788.53)
27-00-00-208	Detailed Inspection of the Flight Control Routing in the Outboard Wing (WS 292.00 To WS370.00)
27-00-00-309	Detailed Inspection of the Elevator Centering Spring Cartridge
27-00-00-310	Detailed Insp Rudder PCU Centering Spring
27-11-21-301	Detailed Inspection of the Mechanism for the Aileron Balance Geared-Tab
27-11-21-303	Detailed Inspection of the Aileron Geared-Tab Linkage
27-12-09-301	Detailed Inspection of the Aileron Trim Tab Mechanism
27-12-21-301	Detailed Inspection of the Aileron Trim-Tab Linkage
27-21-00-202	Detailed Inspection of the Rudder Pedals
27-21-05-202	Lubrication of the Rudder Power-Control Unit (PCU) Attachment Link
27-21-13-201	Lubrication of the Rudder Control Surface Hinges
27-30-00-301	Detailed Inspection Of The Elevator Torque Tube Centering Mechanism
27-31-09-202	Lubrication Left And Right Elevator Power Control Unit Attachment Link
27-31-17-201	Lubrication of the Elevator Control Surface Hinges
32-ZL-00-203	General Visual Inspection of the Nose Gear Doors
32-ZL-00-204	General Visual Inspection of the Main Landing-Gear Doors
34-11-00-201	Functional Test (Leak Test) of the Pitot-Static System
34-11-00-202	Functional Test (Leak Test) of the Standby Pitot-Static System
34-11-00-203	Detailed Inspection of the Static Ports
34-11-01-201	Detailed Inspection of the Pitot-Static Probe
34-11-01-202	Detailed Inspection of the P3 Pitot Probe
34-12-01-201	Functional Test of the Integrated Standby Instrument
52-21-00-202	Detailed Inspection of the Surround Structure and Integral Fittings of the Over-Wing Emergency Exit
52-ZL-00-201	General Visual Inspection of the Passenger Door - External

BOMBARDIER

Aircraft SN: 20428	Aircraft TSN: 1045.6	Aircraft CSN: 584	Date: 11/17/2017
Model: BD100-1A10	Aircraft Registration: N300ER	Page 1 of 7	

Complied With The Following Airworthiness Directives:			
AD #:	Effect Date	Method of Compliance:	Status
2017-18-12	10/16/2017	Inspect B/E Aerospace Protective Breathing Equipment (PBE), part numbers P/N 119003-11 and 119003-21. Note: Complied with AD and Determined AD to be N/A per Serial Number of PBE's Installed.	N/A

Complied With The Following Service Bulletins:			
SB #:	Rev	Description:	Status
100-23-27	02	Modification-Audio Integrating System- Upgrade Of The Radio Interface Unit(RIU) To Correct The Software Reset	C/W
100-24-28	Basic	Special Check/Modification - Primary DC-Power System - Modification of the Routing of the Auxiliary Power Unit (APU) Generator Power Cables, (FAA AD2017-17-13 and TCCA AD CF-2016-28 Terminating Action).	C/W
100-25-43	Basic	Modification- Miscellaneous Equipment- Replacement Of The Airstair Anti-Slip Mat	C/W
100-26-01	Basic	Modification- Fire Protection- Replacement Of The Fire Detection And Extinguisher (FIREX) Control Unit	C/W
100-32-28	Basic	Modification- Main Landing Gear- Installation Of The Anti-Crimp Cylindrical Bracket Assembly	C/W
100-34-42	03	Modification- Air Traffic Control (ATC) Transponder System- Introduction Of Automatic Dependent Surveillance Broadcast (ADS-B) Out V2 Capability And Modification Of The Over speed Aural Alert	C/W
100-34-41	02	Modification- Flight Management System- Replacement Of The Flight Management Computers (FMC) And The Adaptive Flight Display (AFD) Units	C/W
100-35-08	Basic	Special Check/Modification- Passenger Oxygen System- Replacement Of The Entry Area Passenger Oxygen Masks Lanyard Note: By Compliance Of This SB, Meets The Requirements Of AD CF-2017-22	C/W
100-49-04	Basic	Modification- Engine Control System- Modification Of The Electronic Control Unit (ECU) Wiring Harness To Enable Auto Shutdown And To Inhibit A Second Start Attempt In Flight	C/W
100-49-05	Basic	Modification- APU System- Center Pedestal APU Master Switch Wiring Modification	C/W
100-49-06	Basic	Modification- Auxiliary Power Unit (APU) - Replacement Of The Pressure Regulating Valve (PRV) Part Number 70721587-3. Note: This SB Is N/A By APU Serial Number	N/A
100-53-34	02	Modification- Side Instrument Panel- Installation of Switch Guards for the Audio Control Panels (ACP)	C/W

Complied With The Following Manufacturer's Chapter 5 Tasks:	
Code:	Description:
27-52-35-101	(60 Month) Discard The Flap Power Unit Ecology Bottle
32-41-00-201	Detailed Inspection Of #1 And #2 Main Landing Gear Wheel
32-41-00-301	Special Detailed Inspection Of #1 And #2 Main Landing Gear Wheel
33-51-17-201	(18 Month) Restoration(Bench Test) Of The Emergency Lighting Power Supply
34-61-00-501	(48 MONTH) Discard Right Equipment Rack FMC #1 And #2 Batteries
35-11-00-301	(60 Month) Functional Test (Hydrostatic Test) Aft Cabin (115 Cu. Ft.) And Aft Cabin (77 Cu. Ft.) Oxygen Storage Cylinders (Camp Tasks: 351101B AND 351105B)(Next Hydro Due:11/2022)

Complied With The Following Manufacturer's 12 Month Tasks Items:	
Code:	Description:
24-32-05-302	Operational Test of the Integrated - Standby Instrument (ISI) Battery Capacity
27-11-17-201	Lubrication of the Aileron Brush Seals
27-52-13-201	Lubrication of the Inboard and Outboard Flap Actuator

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 1034.5	Airframe Landings: 578
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Item 1: Complied with SB 100-11-07 Installation of a Caution Placard for the Overtow Switch per instructions contained in Bombardier Service Bulletin 100-11-07. No further action is required.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14 CFR 91.409(f)(3) and is approved for return to service for the work performed.



Mechanic

A&P 3033881

Certificate type/number

10-17-2017

Date

AIRFRAME MAINTENANCE ENTRY

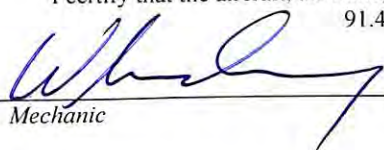
Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 983.8	Airframe Landings: 542
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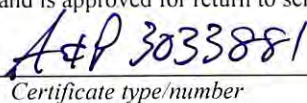
Item 1: Complied with AD 2017-11-12, effective July 11, 2017, steering manifold verification. P/N 40750-103 found installed. NLG mod plate marked with "SB100-32-018". No further action required.

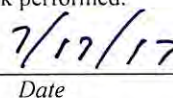
Item 2: Complied with AD 74-08-09 R3, effective March 28, 2012, Inspect Lavatory No Smoking Placards/Ashtray/Waste Receptacle.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14 CFR 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic


Certificate type/number


Date

AIRFRAME MAINTENANCE ENTRY

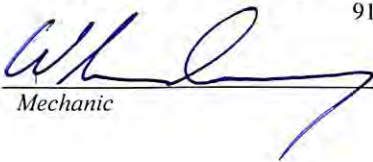
Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 979.5	Airframe Landings: 540
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Item 1: Removed #1 Main Ship Battery P/N 441CH1 S/N B01947 and installed "Overhauled" Battery P/N 441CH1 S/N B07356 to comply with tasks 24-32-01-201 and 24-32-01-302. Work performed per Challenger 300 Maintenance Manual 24-32-01-000-801.

Item 2: Removed #2 Main Ship Battery P/N 441CH1 S/N B01948 and installed "Overhauled" Battery P/N 441CH1 S/N C00029 to comply with tasks 24-32-01-201 and 24-32-01-302. Work performed per Challenger 300 Maintenance Manual 24-32-01-000-801.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14CFR 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic

A&P 3033881
Certificate type/number

7/3/2017
Date

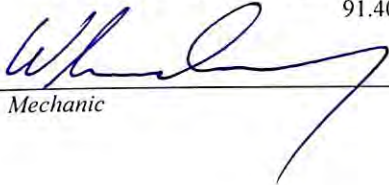
AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 979.5	Airframe Landings: 540
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Item 1: Complied with 6 Month STLMC Task Sterilization of Potable Water System per Challenger 300 Supplemental Maintenance Manual 38-10-00-603.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14CFR 91.409(f)(3) and is approved for return to service for the work performed.



Mechanic

A&P 3033881

Certificate type/number

6/28/2017

Date

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 975.9	Airframe Landings: 538
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Item 1: Complied with 400 Hour Task 27-50-00-106 Functional Test of the Alternate Hydraulic System per Challenger 300 Maintenance Manual 27-52-00-702-801.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14CFR 91.409 (f)(3) and is approved for return to service for the work performed.


Mechanic

A&P 310029006
Certificate type/number

6/16/2017
Date

AIRFRAME MAINTENANCE ENTRY

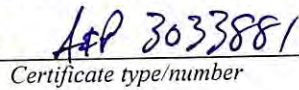
Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 939.8	Airframe Landings: 520
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Item 1: Removed expired MedAire First Aid Kit P/N AFAK1.0RX, S/N 021116018 and installed "Refurbished" First Aid Kit P/N AFAK1.0RX, S/N 021116018. Next due date is May 31, 2018.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14CFR 91.409 (f)(3) and is approved for return to service for the work performed.


Mechanic


Certificate type/number


Date

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 936.8	Airframe Landings: 518
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Item 1: AD 2017-04-06, dated April 7, 2017, United Instruments 5934 Series Altimeters, is not applicable to this aircraft due to affected equipment not installed. No further action required.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14CFR 91.409 (f)(3) and is approved for return to service for the work performed.


Mechanic

AIP 310029006
Certificate type/number

4/25/2017
Date

AIRFRAME MAINTENANCE ENTRY

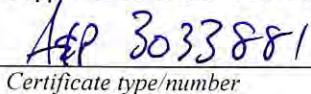
Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 858.6	Airframe Landings: 478
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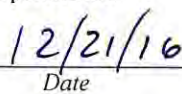
- Item 1: Removed #2 CDU p/n 822-1560-106, s/n 412GLK and installed "OVH" CDU p/n 822-1560-106, s/n 429P1D. Work performed In Accordance With Challenger 300 Maintenance Manual tasks 34-61-01-000-801 and 34-61-01-400-801. Operational check normal.
- Item 2: Removed #1 Main Ship Battery p/n 441CH1, s/n A05738, and installed "OVH" Battery p/n 441CH1, s/n B01947 to comply with tasks 24-32-01-201 and 24-32-01-302. Work performed In Accordance With Challenger 300 Maintenance Manual task 24-32-01-000-801.
- Item 3: Removed #2 Main Ship Battery p/n 441CH1, s/n B02683, and installed "OVH" Battery p/n 441CH1, s/n B01948 to comply with tasks 24-32-01-201 and 24-32-01-302. Work performed In Accordance With Challenger 300 Maintenance Manual task 24-32-01-000-801.
- Item 4: Complied with 6 month STLMC Task 38-10-00-603: Sterilization of Potable Water System. No discrepancies noted.
- Item 5: Complied with 18 month STLMC Task 26-10-00-604: Restoration of Baggage Compartment Smoke Detector by performance of CMM task 26-10-73. No discrepancies noted.
- Item 6: Complied with the following 12 month inspection items:
 - 24-00-00-501: Operational Test of Thermal Circuit Breakers
 - 27-11-17-201: Lubrication of Aileron Brush Seals
 - 29-00-00-501: Contamination Test of Left, Right, and Aux Hydraulic Fluids
 - 32-21-00-205: Lubrication of Nose Landing Gear Components
 - 32-11-00-206: Lubrication of Main Landing Gear Components

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14CFR 91.409 (f)(3) and is approved for return to service for the work performed.


Mechanic


Certificate type/number


Date

33-51-00-603 SMM Operational Test of the Interior Emergency Lights.
 33-51-17-201 Restoration (Bench Test) Emergency Lighting Power Supply, On Units Repaired p/n RPSI-B (FWD) s/n 26298 & (AFT) s/n 26301.

Complied with the following 24 Month Tasks:

25-62-00-609 SMM Functional Test of the Cabin Portable Fire Extinguisher (Weight Test), Fwd Crew s/n Y-456248 Weight 5 Lbs 9.6 oz Date of Weight Check 16 Nov 2016 Aft Lav. s/n Y-550147, Weight 12 Lbs. 3.2 oz, Date of Weight Check 16 Nov 2016.
 35-00-00-607 SMM Detailed Inspection of the AFT LAV Protective Breathing Equipment (PBE) s/n 004-13371M, **MFG. Date: 05/16.**

Complied with the following 36 Month Tasks:

23-51-05-201 Operational Test of the Audio Control-Panel Emergency-Switch.
 23-61-01-201 Functional Test of the Static Dischargers.
 23-71-00-201 Operational Test of the Cockpit Voice Recorder (CVR) Underwater Locating Device.
 23-71-21-201 Functional Test of the Cockpit Voice Recorder (CVR) Under Water Locating Device (ULD), p/n DK120 s/n SD14919, **Exp. Date Jun/2019.**
 24-31-01-201 Operational Test of the Electrical Control Panel.
 24-32-05-101 (Verified Only) Restoration (Overhaul) of the Integrated Standby-(ISI) Battery, **Battery Last Replaced NOV/2015.**
 24-61-13-201 Operational Test of the Auxiliary Contractor.
 24-61-25-201 Operational Test of the Electrical System Emergency Mode.
 24-61-29-201 Operational Test of the Bus Tie Contactor.
 27-00-00-204 Detailed Inspection of the Flight Control Routing in the Inboard and Outboard Trailing Edges-(WS35.60 to WS292.00).
 31-31-13-201 Functional Test of the Flight Data Recorder (FDR) Underwater Locating Device (ULD), p/n DK120 s/n SD19904, **Exp. Date Oct/2019.**
 35-00-00-301 Operational Test of the Oxygen System.
 52-11-00-205 Functional Test of the Exit-Pull Sign of the Passenger Door.
 53-ZL-00-328 GVI of the AFT Equipment Compartment from FS669.76 to FS788.53- Internal.

Complied with the Following MISC. Tasks:

34-11-00-100 Perform EJM Annual Avionics Checklist.
 Removed Loaner APU p/n 3800774-1 s/n P-256 and Installed Customers Original, On Unit Repaired APU p/n 3800774-1 s/n P-544, APU TSN: 717.00, CSN: N/A.
 Replaced L/H Hydraulic Reservoir Temperature Switch s/n RA4349 with new p/n 966998-1 s/n RA4358.

Weighed aircraft and Established New Empty Weight – updated Weight & Balance Manual.
New Empty Weight-23,679.40 LBS, ARM-606.21, Moment-14,354,678.48.

I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH THE MANUFACTURES INSPECTION PROGRAM REQUIRED BY FAR 91.409(f)(3), WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE. INSPECTIONS: **36 Month TLMC, 24 MONTH STLMC.**

A/C TSN: 840.5 W/O # 193951.

A/C LDG: 467

Date: 11/28/2016

SIGNATURE: _____

CRS# LK2R981K

BOMBARDIER

the evolution of mobility

A/C: 300-20428 REG: N300ER LDG: 467 TSN: 840.5
CRS# LK2R981K WICHITA, KANSAS

Complied with **Service Bulletin 100-22-03** "Modification – Automatic Flight Control System (AFCS) – Upgrade of the Flight Guidance Computer (FGC) to Improve Autopilot Pitch Performance." Vendor (Rockwell Collins Modified #1 FGC and #2 FGC. Verified FCOM Volume 2 is @ Rev (40) Dated 9/28/2015 or Latest, FCOM is @ Rev (45).

UNIT	P/N REMOVED	S/N REMOVED	P/N INSTALLED	S/N INSTALL	STATUS
#1 FGC	822-1592-526	426VF5	822-1592-626	426VF5	Modified
#2 FGC	822-1592-526	426R15	822-1592-626	426R15	Modified

Complied with **Service Bulletin 100-24-27 Part A & B** "Special Check/Modification – DC Power Center (DCPC) System – Replacement of Printed Circuit Board (PCB) Protection Card".

UNIT	P/N REMOVED	S/N REMOVED	P/N INSTALLED	S/N INSTALL	STATUS
L/H Protection card / Printed circuit board	355CE03Y06	I245	355CE03Y06	I412F	Repaired
R/H Protection card / Printed circuit board	355CE02Y06	I240	355CE03Y06	I076F	Repaired

Complied with **Service Bulletin 100-25-41** "Modification of the passenger compartment- Dual Latch Installation, AFT Cabin Partition." By installing Kit p/n 100K25-41.

Complied with **Service Bulletin 100-29-19 R3** "Special Check/ Modification-Left and Right Hydraulic Systems-Introduction of the Engine-Driven Hydraulic Pump (EDP) Attenuator." (Established New Weight and Balance Posted in Weight and Balance Manual)

UNIT	P/N REMOVED	S/N REMOVED	P/N INSTALLED	S/N INSTALL	STATUS
L/H EDP	51160-5	K0898	51160-06	K0883	Repaired
R/H EDP	51160-5	K0933	51160-06	K0218	Repaired
SB Kit	N/A	N/A	100K29-19	NSN	New
SB Kit	N/A	N/A	100K29-19A	NSN	New

Complied with **Service Bulletin 100-34-43 Part A & B** "Special Check/ Modification- Standby Compass System-Inspection and Replacement of Electrical Lead Assembly for Standby Compass Part # WL1001KCA." Installed new lead assembly p/n CE2-A26.

Complied with **Service Bulletin 100-57-20 Part A** "Special Check / Modification – Flaps – Flap Canoe Fairing Bolt Inspection and Replacement". (Note: Part B is Not Applicable)

Complied with the Following 600 Hour Tasks:

27-52-13-201 Lubrication Inboard/Outboard Flap Actuator.

Complied with the following 12 Month Tasks:

- 24-20-00-601 SMM Operational Test Ground Fault Interrupter (GFI).
 24-32-05-302 Operational Test of the Integrated-Standby Instrument (ISI) Battery Capacity.
 25-62-00-604 SMM Visual Check of the First Aid Kit Seal, s/n 021116018, **EXP. Date APR/2017.**
 25-62-00-612 SMM Detailed Inspection of the Passenger Life Vests. **All MFG Dated Jul 2013.**
 25-62-00-613 SMM Detail Inspection of the Life Rafts. FWD Closet #1 p/n 46FASA-6K2-1-201 s/n 4UL-02744, FWD Closet #2 p/n 46FASA-6K2-1-201 s/n 4UL-02743, and AFT Cabinet p/n 46FASA-6K2-1-201 s/n 4UL-02742 – **All MFG Dated Aug/2013, Next Service Due July/2019.**
 25-62-00-614 SMM Discard of Flashlight Batteries.
 25-63-00-201 SMM Complied with Emergency Locator Transmitter Battery Inspection and Systems Functional Test (IAW FAR 91.207 (d), Inspected ELT p/n 453-5060 s/n 14235, Hex # 2DC7463F8CFFBFF, **Battery Exp. Date JUNE/2018.**
 27-52-13-201 Lubrication Inboard/Outboard Flap Actuator.

Complied with the following 18 Month Tasks:

- 33-51-00-602 SMM Restoration Escape Path Emergency Lights Power Supply. Replaced (8ea) Batteries p/n 5100303 with new.

Continued on Page #2

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 836.3	Airframe Landings: 464
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Item 1: Removed LT Nose Wheel Assy p/n 3-1610-1 s/n 1665/1665 and tire p/n 185K03-1, s/n 32942883, In Accordance With Challenger 300 MM Task #32-42-01-000-801. Installed "Overhauled" wheel assy p/n 3-1610-1 s/n 1473/1473 and tire p/n 185K03-1, s/n 53182751, In Accordance With Challenger 300 MM Task #32-42-01-400-801. Serviced tire to spec with Nitrogen.

Item 2: Removed RT Nose Wheel Assy p/n 3-1610-1 s/n 1669/1669 and tire p/n 185K03-1, s/n 31902567, In Accordance With Challenger 300 MM Task #32-42-01-000-801. Installed "Modified" wheel assy p/n 3-1610-1 s/n 1475/1475 and tire p/n 185K03-1, s/n 53242736, In Accordance With Challenger 300 MM Task #32-42-01-400-801. Serviced tire to spec with Nitrogen.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.


Mechanic

AIP 310029006
Certificate type/number

11/11/2016
Date

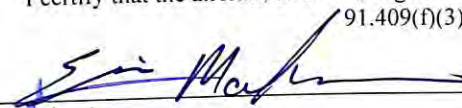
AIRFRAME MAINTENANCE ENTRY

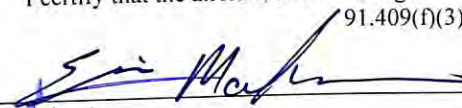
Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 812.1	Airframe Landings: 452
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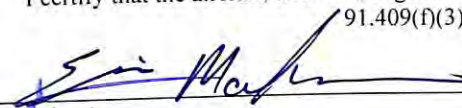
- Item 1:** Removed faulty Generator P/N A3579-102 S/N 2489 and installed "Overhauled" Generator P/N A3579-102 S/N 1441 per Challenger 300 Maintenance Manual 24-31-09-000-801 and 24-31-09-400-801.
- Item 2:** Removed faulty Spoiler Control Switch Panel P/N 1005326003-029 S/N I770831 and installed "New" Spoiler Control Switch Panel P/N 1005326003-029 S/N J704573 per Challenger 300 Maintenance Manual 27-63-11-000-801 and 27-63-11-400-801.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14 CFR Part 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic


Certificate type/number


Date

AF 310029006

10/6/2016



**DUNCAN
AVIATION**

Reg. #:	N300ER	Date:	October 05, 2016	Work Order:	ZONA
Make:	BOMBARDIER	Model:	BD-100-1A10	S/N:	20428
TT:	812.1	Landings:	452		
APU S/N:	P-544	APU TT:	717.0		

The following was performed by Duncan Aviation under Work Order # ZONAA:

- Removed APU S/N P-544 (TSN 717.0) and installed APU S/N P-256 (TSN 1796.5) inspected by Duncan Aviation CRS # JGVR194F under work order # 4B8WA dated 08/09/2016.

Completed the above maintenance in accordance with 14 CFR 91.409(d)(3) and is approved for return to service. A detailed record is on file under Work Order # ZONA.

Signed: _____

DUNCAN
Q1-1234

For Duncan Aviation CRS JGVR194F Phone: 800-228-4277

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 792.3	Airframe Landings: 442
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- Item 1:** Removed L/H FWD Life Raft P/N: 46FASA-6K2-1-201 S/N: 4UL-02744 for overhaul. Complied with task 25-62-00-602 and installed "Overhauled" Life Raft same P/N and S/N in L/H FWD position. Next service due 7/2019.
- Item 2:** Removed R/H FWD Life Raft P/N: 46FASA-6K2-1-201 S/N: 4UL-02743 for overhaul. Complied with task 25-62-00-602 and installed "Overhauled" Life Raft same P/N and S/N in R/H FWD position. Next service due 7/2019.
- Item 3:** Removed AFT Life Raft P/N: 46FASA-6K2-1-201 S/N: 4UL-02742 for overhaul. Complied with task 25-62-00-602 and installed "Overhauled" Life Raft same P/N and S/N in AFT position. Next service due 6/2019.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14 CFR Part 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic

AIP 310029006
Certificate type/number

8/23/2016
Date

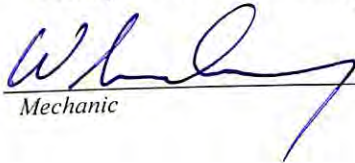
AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 788.1	Airframe Landings: 440
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- **Item 1:** Removed RHIB Main Wheel Assy p/n 3-1609-1 s/n 2668 and tire p/n 269K43-2, s/n 53363229
Accordance With Challenger 300 MM Task #32-41-01-000-801. Installed "OVH" wheel assy p/n
3-1609-1 s/n 2595 and tire p/n 269K43-2, s/n 43033549, In Accordance With Challenger 300
MM Task #32-41-01-400-801. Serviced tire to spec with Nitrogen.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14 CFR Part 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic

AIP 3033881
Certificate type/number

8/6/16
Date

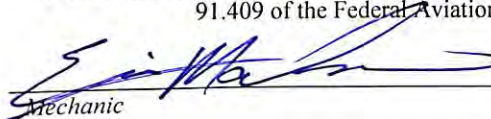
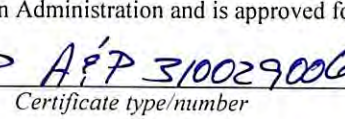
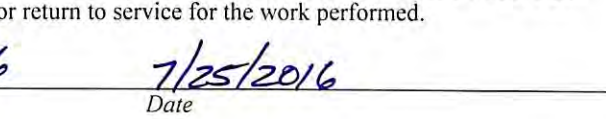
AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 776.9	Airframe Landings: 434
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Item 1: Removed Failed #1 Spoiler Electronic Control Unit P/N: C47330-011-021 S/N: 594 and installed "Modified" unit P/N: C47330-011-021 S/N: 656 per Bombardier Challenger 300 MM 27-61-05-000-801 and 27-61-05-400-801.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14 CFR Part 91.409 of the Federal Aviation Administration and is approved for return to service for the work performed.

 Mechanic	 Certificate type/number	 Date
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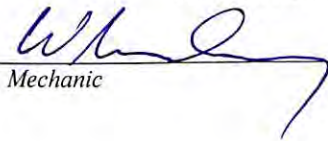
AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 772.8	Airframe Landings: 432
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- Item 1:** Complied with AD 2016-11-20 paragraphs (g) and (h) by removal and replacement of AFT PBE: p/n off 119003-11, s/n off 004-76575M. Installed "NEW" AFT PBE p/n 119003-21, s/n 004-13371M. All work performed per AD 2016-11-20, and In Accordance With B/E Aerospace Service Bulletin No. 119003-35-009, Rev. 001, dated April 12, 2016, paragraphs III.C., III.D.(4), III.D.(6), and III.D.(7). No further action required per this AD.
- Item 2:** Complied with AD 2016-11-20 paragraph (g) Inspection of FWD PBE. Found that p/n 119003-21 (s/n 004-05682M) is installed, which is not affected by this AD. No further action required per this AD.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14 CFR Part 91.409 of the Federal Aviation Administration and is approved for return to service for the work performed.


Mechanic

A#P 3033881
Certificate type/number

7/21/14
Date

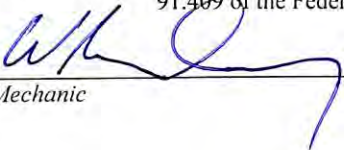
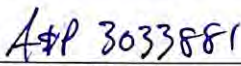
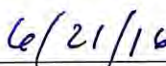
AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 760.7	Airframe Landings: 425
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- Item 1:** Removed #1 Main Ship battery, p/n 441CH1, s/n B07356. Installed "OVH" Battery p/n 441CH1, s/n A05738. Ops test satisfactory. Work performed In Accordance With Bombardier CL-300 Maintenance Manual Task Number 24-32-01-302. No further discrepancies noted at this time.
- Item 2:** Removed #2 Main Ship battery, p/n 441CH1, s/n C00029. Installed "OVH" Battery p/n 441CH1, s/n B02683. Ops test satisfactory. Work performed In Accordance With Bombardier CL-300 Maintenance Manual Task Number 24-32-01-302. No further discrepancies noted at this time.
- Item 3:** Sterilized potable water system in accordance with Challenger 300 s/n 20428 Supplemental Maintenance Manual task #12-15-00-670-801. No discrepancies noted at this time.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14 CFR Part 91.409 of the Federal Aviation Administration and is approved for return to service for the work performed.

 Mechanic	 Certificate type/number	 Date
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AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 760.7	Airframe Landings: 425
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Item 1: Removed Pilot side Adaptive Flight Display P/N: 822-1917-325 S/N: 4M37R and installed "Repaired" unit P/N: 822-1917-325 S/N: 41FXR per Challenger 300 Maintenance Manual 31-61-01-000-801 and 31-61-01-400-801.

Item 2: Removed expiring AED pads (2 each) P/N 104421 no S/N, and replaced with 2 new pads P/N 104421 no S/N. Expiration date for pads is 8/31/2018

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14 CFR Part 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic

AIP 310029006
Certificate type/number

6/8/2016
Date

BOMBARDIER

Aircraft Registration N300ER	Aircraft Serial Number 20428	Aircraft Model BD 100-1A10	Page 1 of 1
Aircraft Total Time 758.0	Aircraft Total Landings 424	Date June 7, 2016	
Airframe Logbook Entry			

The Following Serialized Parts Were Installed:					
Part Name	P/N Off	S/N Off	P/N On	S/N On	Status
Pilots Side Window	185902-1	13042H6044	1885902-1	13163H9228	New

Completed above maintenance in accordance with 14 CFR 91.409 and is approved for return to service. The above described maintenance is certified airworthy and a detailed record is on file under work order: 189529.

Kevin L. Bowlby		Date:	June 7, 2016	FAA CRS LN4R342M
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LEARJET INC, FORT LAUDERDALE SERVICE CENTER, 4100 SW 11th TERRACE FORT LAUDERDALE FLORIDA 33315
FAA CRS LN4R342M

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 752.6	Airframe Landings: 420
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Item 1 Removed Handwheel control Assy, p/n 120TS1DAY01, s/n ECE-0570, and installed "Inspected/Tested" Handwheel Control Assy, p/n 120TS1DAY01, s/n ECE-0571. Rigged and ops tested successfully. All work performed In Accordance With Bombardier Challenger 300 Maintenance Manual tasks 32-51-05-000-801 and 32-51-05-400-801. No further squawks noted.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14 CFR Part 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic

AIP 310029006
Certificate type/number

5/27/2016
Date

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 710.4	Airframe Landings: 397
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- Item 1:** Removed RHIB Main Wheel Assy p/n 3-1609-1 s/n 2947/2947 and tire p/n 269K43-2, s/n 40223293, In Accordance With Challenger 300 MM Task #32-41-01-000-801. Installed "OVH" wheel assy p/n 3-1609-1 s/n 2668 and tire p/n 269K43-2, s/n 53363229, In Accordance With Challenger 300 MM Task #32-41-01-400-801. Serviced tire to spec with Nitrogen.
- Item 2:** Removed RHOB Main Wheel Assy p/n 3-1609-1 s/n 2946/2946 and tire p/n 269K43-2, s/n 40233309, In Accordance With Challenger 300 MM Task #32-41-01-000-801. Installed "OVH" wheel assy p/n 3-1609-1 s/n 2808 and tire p/n 269K43-2, s/n 52513118, In Accordance With Challenger 300 MM Task #32-41-01-400-801. Serviced tire to spec with Nitrogen.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14 CFR Part 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic

AIP 310029006
Certificate type/number

4/26/2016
Date

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 678.0	Airframe Landings: 378
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Item 1: Removed First Aid Kit P/N 503001, S/N 082813002 and installed "NEW" First Aid Kit P/N 500099, S/N 021116018. New kit expiration date is April, 2017.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14 CFR Part 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic

AIP 310029006
Certificate type/number

3/3/2016
Date

BOMBARDIER

the evolution of mobility

A/C: 300-20428 REG: N300ER LDG: 370 TSN: 661.7
CRS# LK2R981K WICHITA, KANSAS

Removed defective rudder travel limiter P/N 1002720018-003 S/N 172 and installed repaired unit P/N 1002720018-003 S/N 0476 IAW CL300 Amm Rev 51 27-21-28. Ops checks good.

THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH 14 CFR PART 91.409(f)(3) AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS FACILITY UNDER W/O NO.: P-185724.

DATE: 2-15-2015 SIGNATURE

 50267

LEARJET INC. CRS# LK2R981K

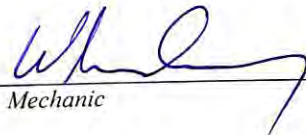
AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 656.0	Airframe Landings: 366
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- Item 1:** Removed failed APU Generator Control Unit P/N R3608-004, S/N 3108AR and installed "Modified" APU Generator Control Unit P/N R3608-004, S/N 1717AR per Challenger 300 M/M 24-31-17-00-801 and 24-31-17-400-801.
- Item 2:** Removed inop exciter box p/n 3888000-3, s/n J12520109. Installed "overhauled" exciter box, p/n 3888000-3, s/n J14030057. Work performed In Accordance With Challenger 300 M/M 49-41-01-000-801 and 49-41-01-400-801. Ops test normal.
- Item 3:** Removed failed ignition lead p/n 3888302-16, n/s/n, and installed "new" ignition lead, p/n 3888302-16, n/s/n. Work performed In Accordance With Challenger 300 M/M. Ops test normal.
- Item 4:** Removed APU ignitor p/n 3888002-2, nsn, and installed "new" APU ignitor, p/n 3888002-2 per Challenger 300 M/M 49-41-09-000-801 and 49-41-09-400-801. Ops test normal.
- Item 5:** Performed Electrical Rigging of the Rudder Travel Limiter Actuator per Challenger 300 M/M Task 27-21-28-820-801. Ops test normal, no further squawks noted.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14 CFR Part 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic

A&P 3033881
Certificate type/number

2/2/16
Date

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 648.7	Airframe Landings: 362
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- Item 1: Removed aux accumulator p/n 900095-1, s/n 60199-1796ENA and installed "Overhauled" accumulator, p/n 900095-1, s/n 60199-1793ENA. Serviced with nitrogen and leak checked. No discrepancies noted. All work performed In Accordance With Bombardier Challenger 300 Maintenance Manual tasks 29-21-13-000-801 and 29-21-13-400-801.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14 CFR 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic

A&P 3033881
Certificate type/number

1/25/16
Date

AIRFRAME MAINTENANCE ENTRY

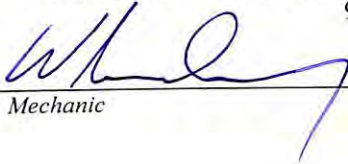
Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 640.8	Airframe Landings: 358
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Item 1: Removed #2 Navigation radio p/n 822-1465-001, s/n 4MCFX. Installed "OVH" #2 Navigation radio p/n 822-1465-001, s/n 2RF7P. Ops tested normal. All work performed in accordance with Challenger 300 Maintenance Manual task numbers 34-51-01-000-801 and 34-51-01-400-801.

Item 2: AD 2015-26-03 "To Prevent Inflight Cabin Depressurization" does NOT APPLY to this aircraft by airframe serial number applicability. No further action is required.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14 CFR 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic

AP 3033881
Certificate type/number

1-8-2016
Date

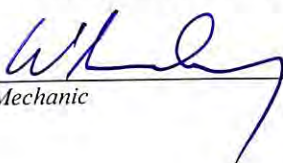
AIRFRAME MAINTENANCE ENTRY

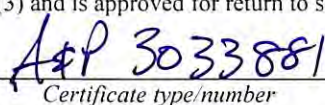
Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 637.2	Airframe Landings: 356
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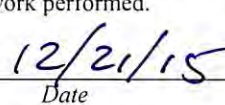
- Item 1:** Removed LHOB Main Wheel Assy p/n 3-1609-1 s/n 2808 and tire p/n 269K43-2, s/n 43283536, In Accordance With Challenger 300 MM Task #32-41-01-000-801. Installed "OVH" wheel assy p/n 3-1609-1 s/n 2603 and tire p/n 269K43-2, s/n 41303302, In Accordance With Challenger 300 MM Task #32-41-01-400-801. Serviced tire to spec with Nitrogen.
- Item 2:** Removed LHIB Main Wheel Assy p/n 3-1609-1 s/n 2922 and tire p/n 269K43-2, s/n 40223319, In Accordance With Challenger 300 MM Task #32-41-01-000-801. Installed "OVH" wheel assy p/n 3-1609-1 s/n 2609 and tire p/n 269K43-2, s/n 41323290, In Accordance With Challenger 300 MM Task #32-41-01-400-801. Serviced tire to spec with Nitrogen.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14 CFR 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic


Certificate type/number


Date

12-15-2015

Aircraft information;

Bombardier BD-100-1A10 N300ER Serial number 20428 Engines; AS907-1-1-1A

Flight Data Recorder, Part number; 2100-2045-22, serial number 911660, Manufactured by L3, was downloaded November 11, 2015. Data was forwarded to and analyzed by Aero Instruments INC., November 11, 2015

Aero Instruments report 415028 under Customer RO: N300ER1112015, does not validate, but verifies indicated parameters are reasonable and FDR recording normally.

All maintenance completed in accordance with the EJM maintenance procedure manual and CFR 91.409 (f)(3) Recorded data meets the requirement of FAR 91.609. Aircraft is approved for return to service regarding the maintenance accomplished.

Date: 12-15-2015

AFTT: 630.9

Cycles: 351


William Madary

Maintenance Manager

Executive Jet Management

AEP 3033881
Cert Type and Number

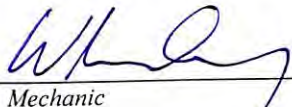
AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 630.9	Airframe Landings: 351
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Item 1: Sterilized potable water system in accordance with Challenger 300 s/n 20428 Supplemental Maintenance Manual task #12-15-00-670-801. No discrepancies noted at this time.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14 CFR Part 91.409(f)(3) and is approved for return to service for the work performed.


Mechanic

A&P 3033881
Certificate type/number

12/15/15
Date

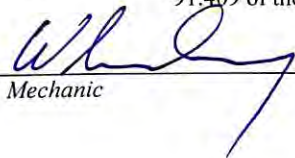
AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 620.2	Airframe Landings: 347
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- Item 1:** Removed #1 Main Ship battery, p/n 441CH1, s/n B01947. Installed "OVH" Battery p/n 441CH1, s/n B07356. Ops test satisfactory. Work performed In Accordance With Bombardier CL-300 Maintenance Manual Task Number 24-32-01-302. No further discrepancies noted at this time.
- Item 2:** Removed #2 Main Ship battery, p/n 441CH1, s/n B01948. Installed "OVH" Battery p/n 441CH1, s/n C00029. Ops test satisfactory. Work performed In Accordance With Bombardier CL-300 Maintenance Manual Task Number 24-32-01-302. No further discrepancies noted at this time.
- Item 3:** AD 2015-23-09 Zodiac Inspection of the Oxygen Mask Regulator does not apply to this aircraft by part number of masks installed in the aircraft. No action is required.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with 14 CFR Part 91.409 of the Federal Aviation Administration and is approved for return to service for the work performed.


Mechanic

A#P 3033881
Certificate type/number

12/11/15
Date

I CERTIFY THE TRANSPONDER TEST REQUIRED BY FAR 91.413 HAS BEEN ACCOMPLISHED.

#1 XPONDER S/N 499WM #2 XPONDER S/N ALV72 DATE TESTED: 11/19/2015.

SIGNATURE: Michael [Signature] DATE: 11/20/2015 C.R.S. # LK2R981K

I CERTIFY THE ALTIMETER & STATIC SYSTEM TESTS REQUIRED BY FAR. PART 91.411 HAVE BEEN PERFORMED ON.

PILOTS ADC S/N: 41H948 DATE TESTED: 11-19-2015 TESTED TO : 45,000 FT.

COPILOTS ADC S/N: 41H94T DATE TESTED: 11-19-2015 TESTED TO : 45,000 FT.

STANDBY ALTIMETER S/N: C16786006944 DATE TESTED: 11-19-2015 TESTED TO : 45,000 FT.

INSPECTED TO RVSM REQUIREMENTS YES: XX

Test Equipment Used IFR 6000 Tool # T01-1917 EXP. Date 03/29/2016 and Laversab/Dryk Tool #L1954 EXP. Date 03/18/2016.

C.R.S. # LK2R981K LEARJET INC. ICT SIGN: Michael [Signature] DATE: 11/20/2015.

I CERTIFY THAT THIS AIRCRAFT, ENGINE OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED/TESTED IN ACCORDANCE WITH 14 CFR 91.409, OF THE FEDERAL AVIATION ADMINISTRATION, AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED. INSPECTIONS: TMLC 400/600/800 Hour, TLMC 12/24 Month, STLMC 12/24 Month, 450 Landing.

A/C TSN: 596.4 W/O # 182644

A/C LDG: 334 Date: 11/20/2015 SIGNATURE: Michael [Signature] CRS# LK2R981K

- 27-00-00-303 Detailed Inspection of the Flight Control Routing and Aileron Gust Lock Assembly in the Main Landing Gear Wheel Well.
- 27-52-29-301 Detailed Inspection of the Flap Roller Carriage Rollers.
- 32-ZL-00-201 GVI of the Nose Landing Gear.
- 32-ZL-00-202 GVI of the Left and Right Main Landing Gear.
- 33-43-00-201 GVI of the Wing Tip Lenses for Crazing and Diffusion of Light Source.
- 34-11-09-201 Servicing of the Pitot-Static Visual Drain.
- 34-13-00-101 Functional Test of the L/H and R/H Air Data Computer.
- 35-00-00-607 Detailed Inspection of the Flight Crew Protective Breathing Equipment (PBE), Replaced flight crew PBE p/n 119003-11 s/n 004-76574M with new p/n 119003-21 s/n 004-05682M IAW SRPSA 06446.
- 35-11-07-301 Operational Test of the Crew Oxygen Masks and Smoke Goggles.
- 52-11-29-301 Detailed Inspection of the Passenger Door Seal.
- 52-21-00-204 Functional Test of the Exit-Pull Sign of the over-Wing Emergency Exit.
- 52-21-00-205 Operational Test of the Emergency Exit Proximity-Sensor.
- 52-21-00-303 Functional Test of the Over-Wing Emergency Exit.
- 52-21-01-201 Lubrication of the Over-Wing Emergency Exit.
- 52-21-09-301 Detailed Inspection of the Over-Wing Emergency - Exit Seal.
- 52-31-09-301 Detailed Inspection of the Baggage Bay Door Seal.
- 57-ZL-00-216 GVI Inboard Trailing Edge Of The Left/Right Wing From WS 35.596 to WS 80.281 - External.

Complied with the Following 36 Month Task:

- 24-32-05-101 Restoration (Overhaul) of the ISI Battery, On Unit Overhauled p/n 100-2410-02 s/n 1136401, **Due Re-block NOV/2018.** (or Task # 24-32-05-203).

Complied with the following 450 Landing Tasks:

- 27-50-00-107 Detailed inspection of Inboard and Outboard Flap Actuator.
- 27-50-00-108 Functional test of the Inboard and Outboard Flap Actuators.
- 57-50-00-107 Detailed inspection of the flap structure for actuator disconnected.

Complied with the Following CAMP Tasks:

- 256020-7001A Inspection Defibrillation (AED) Certification Tag and Battery Condition Indicator), Med Aire Item Numbers 502449/502465, s/n B14A-03782, and **Expiration Date MAY/2016.**
- Adjusted L/H and R/H aileron wing, roll servo pilot control column and cabin cable tensions.
- Complied with Annul FDR Download IAW BD-100 AMM Task # 31-31-01 Rev (50).
- Complied with eddy current inspection on R/H engine inlet 2ea small dents on lip skin at the 2 o'clock position IAW SRPSA 06566 REO R1007160162 and GKN-TV-15104 are completed no further action required.

Complied with **Executive Jet Management Avionics Annual Checklist** OP-FLT-AAC-0001 Rev. 8 12/4/2012.

Replaced R/H middle static wick p/n B0818021-001 with new.

Vendor (GETI) Repaired L/H FWD Facing Bulkhead. All materials used comply with Federal Aviation Administration flammability requirements per FAR 25.853 (a), Appendix F, Part 1. Reference Flame-Out-Inc. Test No. 230-1112-96. Reference Global Engineering and Technology, Inc. shipper document 64388.

Vendor (GETI) Repaired the finish on FWD Cabin Pocket Door. All materials used comply with Federal Aviation Administration flammability requirements per FAR 25.853 (a), Appendix F, Part 1. Reference Flame-Out-Inc. Test No. 230-1112-96. Reference Global Engineering and Technology, Inc. shipper document 64388.

71-60-01-203 GVI of the #1 and #2 Engine Generator Cooling Inlet.

76-10-01-201 Operational Test of the Full Throttle Range.

Complied with the following 800 Hour Tasks:

29-00-00-107 Functional Test of the Power Transfer Unit.

27-41-05-301 Operational Test of the Horizontal Stabilizer – Trim Actuator (HSTA) Full Range Trimming.

27-52-01-201 Lubrication of the Flexible Shafts of the Flap System.

27-61-00-301 Operational Test Flight Spoiler Emergency Decent Capability.

31-61-13-301 Operational Test of the Reversion Select Panel.

32-34-00-306 Functional Test of the Landing Gear Normal and Emergency Extension.

79-20-05-201 Discard of the Engine Oil Filter Element.

Complied with the following 12 Month Tasks:

11-30-30-601 SMM GVI of the Cabin Placards – Internal.

24-00-00-501 Operational Check (Cycling) Of Thermal Circuit Breakers.

24-20-00-601 SMM Operational Test of the Ground Fault Interrupter (GFI).

24-32-05-302 Operational Test of the Integrated Standby Instrument (ISI) Battery Capacity on battery, On Unit Overhauled p/n 100-2410-02 s/n 1136401.

25-21-00-601 SMM Operational Test of the Passenger Restraints.

25-21-00-602 SMM Operational Test of the Passenger Seat Assemblies.

25-30-00-601 SMM GVI of Galley Drainage Lines.

25-30-00-602 SMM Detailed Inspection of the Galley Waste Container.

25-40-00-601 SMM Detailed Inspection of the Lavatory Waste Container.

25-62-00-604 SMM Visual Check of the First Aid Kit Seal.

25-62-00-609 SMM Functional Test of the Cabin Portable Fire Extinguisher (Weight Test).

25-62-00-612 SMM Detailed Inspection of the Passenger Life Vests.

25-62-00-613 SMM Detailed Inspection of the Life Rafts.

25-62-00-614 SMM Restoration of the MagLite Flashlight.

25-63-00-201 SMM Complied with 12 Month Emergency Locator Transmitter Battery Inspection and System Functional Test (IAW FAR 91.207 (d) on unit, Installed Inspected Unit p/n 453-5060 s/n 14235, HEX ID # 2DC7463F8CFFBFF/USA366 Battery Exp. Date JUNE/2018.

27-11-17-201 Lubrication of the Aileron Brush Seals.

27-52-13-201 Lubrication of the Inboard/Outboard Flap Actuator.

29-00-00-501 Functional Test (contamination test) of the L/H, R/H and AUX Hydraulic System Fluids.

32-11-00-206 Lubrication of the Main Landing Gear and Components.

32-21-00-205 Lubrication of the Nose Landing Gear and Components.

33-20-00-601 SMM Operational Test Ordinance Signs.

35-00-00-607 SMM Detailed Inspection of the Protective Breathing Equipment (PBE).

38-10-00-602 SMM GVI of the Potable Water System.

Complied with the following 24 Month Tasks:

24-32-05-201 Operational Test of the Built In Test (Bit) For The Integrated Standby Instrument (ISI) Battery, On Unit Overhauled p/n 100-2410-02 s/n 1136401, Battery Install Date 11/12/2015.

25-62-00-609 SMM Detailed Inspection of the Crew Life Vests, Pilot s/n 13081150006 and Co-Pilot s/n 130811550008.

26-23-00-201 Functional Test of the Portable Fire Extinguishers (Weight Test), p/n 30H673 s/n Y-510310, 5.375 LBS.

BOMBARDIER

the evolution of mobility

A/C: 300-20428 REG: N300ER LDG: 334 TSN: 596.4

CRS# LK2R981K WICHITA, KANSAS

Complied with **AD 2015-23-07** "Inspect Wire Harness for Chaffing In AFT Equipment Bay BD100 Aircraft." AD N/A due to A/C S/N Effectivity, **No Further Action Required.**

Complied with **AD 2015-16-04** "To Prevent Kidde Graviner Hand Operated Fire Extinguishers From Failing To Operate in the Event of a Fire", by Verifying Equipment is not Installed at this time, **AD is Not Applicable, No Action Required.**

Complied with **Service Bulletin 100-24-26 Part A / B** "Special Check/Modification – DC Power Center (DCPC) System – Replacement of Battery Diode PCB Part No. 716CE03Y01". L/H DCPC P/N 975GC02Y06 S/N 544R. R/H DCPC P/N 970GC02Y06 S/N 539R. New P/N 716CE03Y01 Battery Diode PCB'S Installed: L/H S/N OFF 1041, S/N ON 1350. R/H S/N OFF 1047, S/N ON 1352.

Complied with **Service Bulletin 100-25-19 R1** "Modification – Equipment/Furnishings – Modification of the Veneered Edge for the Galley Hot Liquid Container Compartment".

Complied with the following 400 Hour Tasks:

27-50-00-106 Functional Test Flap Alternate Hydraulic System.

Complied with the following 600 Hour Tasks:

22-22-01-301 Operational Test Yaw Damper Linear Actuator.
25-11-00-201 GVI of the Safety Straps.
25-11-00-202 Operational Test Inertial Reel and Inertial Reel Control.
26-21-00-306 Operational Test L/R Engine Fire Push Button Annunciators.
26-21-00-307 Operational Test APU Fire Push Button Annunciator.
27-00-00-205 Operational Test Flight Control Power Control Units.
27-11-00-202 Functional Test of the Aileron Cable Tension (WS35.60 to WS292.00).
27-11-00-301 Operational Test Aileron Disconnect System.
27-11-17-201 Lubrication Aileron Brush Seals.
27-52-09-201 GVI of the Adaptor Gearbox of the Flap System.
27-52-13-201 Lubrication Inboard/Outboard Flap Actuator.
27-52-19-301 GVI of the Flap Transmission Brake.
27-52-33-301 GVI of the Flap Power Unit.
27-52-35-201 GVI of the Flap Power Unit Ecology Bottle.
28-11-17-201 Detailed Inspection Gravity Filler Cap.
28-13-00-301 Operational Test Fuel Vent System.
28-21-00-201 GVI of the Shroud Drains for the Fuel Lines.
29-00-00-106 Operational Test of the Power Transfer Unit.
29-12-33-301 Operational Test Firewall Hydraulic Shutoff Valve.
29-21-17-301 Visual Check Accumulator Charge Manifold.
30-41-00-201 Functional Test Windshield Rain Repellant Layer.
31-52-17-301 Operational Test Aural Warning Control Panel.
31-61-00-301 Operational Test EFIS System.
32-11-00-206 Lubrication Main Landing Gear and Components.
32-21-00-205 Lubrication Nose Landing Gear and Components.
32-43-00-201 Detailed Inspection Brake Wear Indicators.
32-44-05-301 Functional Test Brake Accumulators.
35-12-00-301 Operational Test Oxygen Contents Indication System.
52-41-01-201 GVI of the Aft Equipment Compartment Door Seal.
52-71-00-201 Operational Test of the Door Sensors.
71-00-00-202 GVI of the Engine Fan Cowl Door Inlet Scoops and Ventilation Grills.
71-60-01-201 GVI of the #1 and #2 Engine Nacelle Inlet.

Continued on Page #2

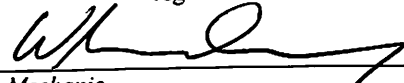
AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 581.1	Airframe Landings: 326
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Item 1 Performed operational test of power transfer unit In Accordance with Bombardier Challenger 300 Maintenance Manual task number 29-12-57-710-801 to satisfy Chapter 5 item 29-00-00-106. No discrepancies noted at this time.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.



Mechanic
William R. Madary

APP 3033861

Certificate type/number

10/20/15

Date

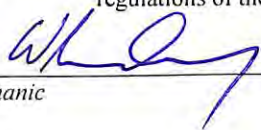
AIRFRAME MAINTENANCE ENTRY

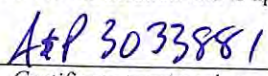
Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 567.4	Airframe Landings: 319
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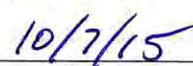
- Item 1:** FAA AD 2015-15-08 (g) Revision of the Maintenance or Inspection Program has been complied with In Accordance With the instructions contained within this AD and the Challenger 300 Time Limits/Maintenance Checks Manual.
- Item 2:** FAA AD 2015-15-08 (h) Modification of the SECU was accomplished during production of the aircraft. No further action is required per this AD.
- Item 3:** FAA AD 2015-08-07 Zodiac Aerotechnics Inspection/Replacement of Pilot/Copilot oxygen mask to prevent premature rupture rate due to defective silicon does Not Apply to this aircraft by Date of Manufacture of masks (Paragraph (i) of this AD). Pilot Mask Date of Manufacture is 04/2013; Copilot Mask Date of Manufacture is 04/2013. No further action is required per this AD.

APPROVAL FOR RETURN TO SERVICE

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Mechanic


Certificate type/number


Date

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 503.9	Airframe Landings: 280
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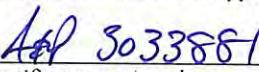
- Item 1:** Complied with Challenger 300 Supplemental Maintenance Manual Task 25-62-00-604, Visual check of First Aid Kit Seal. Expiration date: 6/2016.
- Item 2:** Complied with Challenger 300 Maintenance Manual Chapter 5 item 23-30-00-601, Operational Test Passenger Address System, by compliance with Challenger 300 Supplemental Maintenance Manual task 23-31-50-710-801. No discrepancies noted.

APPROVAL FOR RETURN TO SERVICE

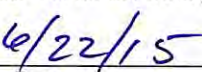
I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.



Mechanic



Certificate type/number



Date

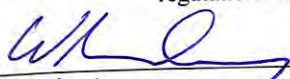
AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 500.1	Airframe Landings: 277
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Item 1: Compliance with Challenger 300 Maintenance Manual Chapter 5 item 33-51-17-201: Restore Emergency Power Supplies. This was accomplished by replacing Battery Holder Assembly power packs in both forward and aft Emergency Power Supplies as follows:
For Forward Power Supply: Removed Battery Holder Assy p/n 2013-1A, s/n 117615. Installed Battery Holder Assy p/n 2013-1A, s/n 123355.
For Aft Power Supply: Removed Battery Holder Assy p/n 2013-1A, s/n 117618. Installed Battery Holder Assy p/n 2013-1A, s/n 123902.
 All work performed In Accordance With Bombardier Challenger 300 Maintenance Manual tasks 33-51-17-000-801, 33-51-17-400-801, and 33-51-17-960-801. Ops test normal

APPROVAL FOR RETURN TO SERVICE

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 Mechanic

A&P 3033881
 Certificate type/number

6/14/15
 Date

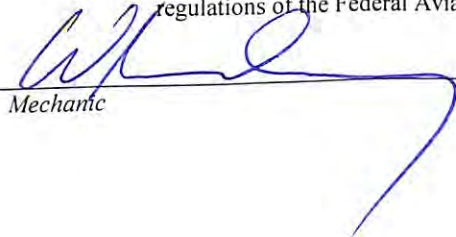
AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 493.2	Airframe Landings: 272
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- Item 1:** Complied with 18 Month item 26-10-00-604, Restoration of Baggage Compartment Smoke Detector by completion of Challenger 300 Supplemental Maintenance Manual Task Number 26-11-00-610-801. No discrepancies noted.
- Item 2:** Complied with 18 Month item 33-51-00-602, Restoration of Emergency Escape Path Lighting Power Supplies by removing (4 each) power supply p/n BR9661-100, no serial number and installing (4 each) "New" power supply p/n BR9661-100, no serial number. Ops test normal. Work performed In Accordance with Challenger 300 Supplemental Maintenance Manual Task Number 33-51-00-610-801.
- Item 3:** Complied with 18 Month item 33-51-00-603, Operational Test of the Interior Emergency Lights by completion of Challenger 300 Supplemental Maintenance Manual Task Number 33-50-00-710-801. No discrepancies noted.
- Item 4:** Complied with 6 Month item 38-10-00-603, Sterilization of Potable Water System by completion of Challenger 300 Supplemental Maintenance Manual Task Number 12-15-00-670-801. No discrepancies noted.

APPROVAL FOR RETURN TO SERVICE

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 Mechanic

14P 3033881
 Certificate type/number

6/9/15
 Date

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 486.7	Airframe Landings: 269
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- Item 1:** Removed #1 Main Ship battery, p/n 441CH1, s/n C00029. Installed "OVH" Battery p/n 441CH1, s/n B01948. Ops test satisfactory. Work performed In Accordance With Bombardier CL-300 Maintenance Manual Task Number 24-32-01-000-801. No further discrepancies noted at this time.
- Item 2:** Removed #2 Main Ship battery, p/n 441CH1, s/n B07356. Installed "OVH" Battery p/n 441CH1, s/n B01947. Ops test satisfactory. Work performed In Accordance With Bombardier CL-300 Maintenance Manual Task Number 24-32-01-000-801. No further discrepancies noted at this time.
- Item 3:** Complied with Bombardier CL-300 TLMC Chapter 5 Task Number 73-00-00-101 by completion of Bombardier CL-300 MM Task Number 45-76-00-280-801. No discrepancies noted.

APPROVAL FOR RETURN TO SERVICE

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Mechanic

A&P 3033881
Certificate type/number

6/3/15
Date

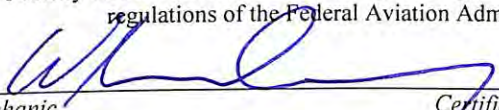
AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 478.6	Airframe Landings: 265
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- Item 1:** Complied with SB100-32-27 by removal of existing Brake Control System hydraulic accumulator servicing placard, p/n S100-32-27, and installing "NEW" Brake Control System hydraulic accumulator servicing placard, p/n S8517-1. All work performed In Accordance With Bombardier Challenger 300 SB100-32-27.
- Item 2:** Complied with SB100-45-03 by sending aircraft's PMAT, p/n G100450001-095 to Bombardier for modification. Bombardier completed the work, re-identified unit as p/n G1004500350-001, and sent back unit. Work performed In Accordance With Bombardier Challenger 300 SB100-45-03.

APPROVAL FOR RETURN TO SERVICE

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 Mechanic


 Certificate type/number

ASP 3033881
 Date

5/26/15

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A/C: 300-20428 REG: N300ER LDG: 265 TSN: 478.6
CRS# LK2R981K WICHITA, KANSAS

C/W SB 100-34-38 Modification - Pitot Static and temperature system - Pitot static probe heater redesign.

Removed left Pitot tube P/N 0856WC1 S/N 281109 and replaced with new unit P/N 0856WC3 S/N 291143.

Removed right Pitot tube P/N 0856WC2 S/N 281114 and replaced with new unit P/N 0856WC4 S/N 291765.

All work done IAW SB100-34-38 and CL300 AMM (rev 46) 34-11-01.

THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED ONLY FOR THE WORK PERFORMED. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS FACILITY UNDER W/O NO.: S05-0284.

DATE: 5/22/15 SIGNATURE 

LEARJET INC. CRS# LK2R981K

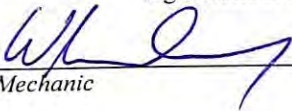
AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 434.0	Airframe Landings: 243
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Item 1: Removed LHOB Main Wheel Assy p/n 3-1609-1 s/n 2647 and tire p/n 269K43-2, s/n 30743189, In Accordance With Challenger 300 MM Task #32-41-01-000-801. Installed "OVH" wheel assy p/n 3-1609-1 s/n 2808 and tire p/n 269K43-2, s/n 43283536, In Accordance With Challenger 300 MM Task #32-41-01-400-801. Serviced tire to spec with Nitrogen.

APPROVAL FOR RETURN TO SERVICE

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Mechanic

A#P 3033881
Certificate type/number

3/30/15
Date

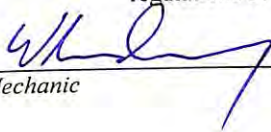
AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 398.2	Airframe Landings: 226
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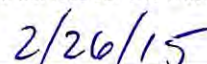
Item 1: Removed cracked sunvisor from Pilot's side of cockpit, p/n 1005323703-003, s/n M107161, in accordance with Bombardier Challenger 300 Maintenance Manual Task 25-12-01-000-801. Installed "NEW" sunvisor on Pilot's side of cockpit, p/n 1005323703-003, s/n M139902, in accordance with Bombardier Challenger 300 Maintenance Manual Task 25-12-01-400-801. Operational test normal.

APPROVAL FOR RETURN TO SERVICE

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Mechanic


Certificate type/number


Date

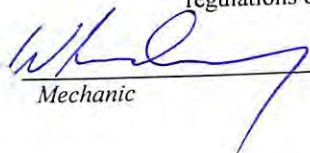
AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 382.8	Airframe Landings: 218
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- Item 1:** Removed LHIB Main Wheel Assy p/n 3-1609-1 s/n 2808/2808 and tire p/n 269K43-2, s/n 12742716, In Accordance With Challenger 300 MM Task #32-41-01-000-801. Installed "Modified" wheel assy p/n 3-1609-1 s/n 2922/2922 and tire p/n 269K43-2, s/n 40223319, In Accordance With Challenger 300 MM Task #32-41-01-400-801. Serviced tire to spec with Nitrogen.
- Item 2:** Removed LT Nose Wheel Assy p/n 3-1610-1 s/n 1399/1399 and tire p/n 185K03-1, s/n 21282635, In Accordance With Challenger 300 MM Task #32-42-01-000-801. Installed "Modified" wheel assy p/n 3-1610-1 s/n 1665/1665 and tire p/n 185K03-1, s/n 32942883, In Accordance With Challenger 300 MM Task #32-42-01-400-801. Serviced tire to spec with Nitrogen.
- Item 3:** Removed RT Nose Wheel Assy p/n 3-1610-1 s/n 1404/1404 and tire p/n 185K03-1, s/n 212862637, In Accordance With Challenger 300 MM Task #32-42-01-000-801. Installed "Modified" wheel assy p/n 3-1610-1 s/n 1669/1669 and tire p/n 185K03-1, s/n 31902567, In Accordance With Challenger 300 MM Task #32-42-01-400-801. Serviced tire to spec with Nitrogen.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.


Mechanic

A#P 3033881
Certificate type/number

2/10/15
Date

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 382.8	Airframe Landings: 218
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Item 1: Removed failed Nav 4000 Receiver P/N 822-1465-001, S/N 2HWHG and installed "Tested" Nav 4000 Receiver P/N 822-1465-001, S/N 1GDCL per Challenger 300 M/M 34-51-01-000-801 and 34-51-01-400-801.

Item 2: Removed failed APU Generator Control Unit P/N R3608-004, S/N 2784A and installed "Modified" APU Generator Control Unit P/N R3608-004, S/N 3108AR per Challenger 300 M/M 24-31-17-00-801 and 24-31-17-400-801.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.


Mechanic

AIP 310029006
Certificate type/number

2/7/2015
Date

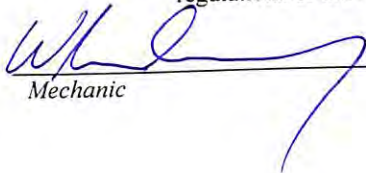
AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 362.9	Airframe Landings: 207
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Item 1: Complied with annual Hydraulic Fluid check In Accordance With Bombardier Challenger 300 Maintenance Manual Task 29-10-00-281-281. Hydraulic fluid levels serviced to placarded levels.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.


Mechanic

A&P 3033881
Certificate type/number

1/23/15
Date

BOMBARDIER

the evolution of mobility

A/C: 300-20428 REG: N300ER LDG: 200 TSN: 350.2
CRS# LK2R981K WICHITA, KANSAS

Complied with **Service Bulletin 100-29-20 Parts A, B, & C** "Special Check / Modification – Left And Right Hydraulic Systems – Replacement of the Brushless Motor on the Direct Current Motor Pump (DCMP) Part No. 53110-02". Installed 2ea new SB Kits p/n 53110KD2. Replaced L/H DCMP Motor p/n 945202-3 s/n 0096 with new motor p/n 945202-3 s/n ADI0664. Replaced R/H DCMP Motor p/n 945202-3 s/n 0092 with inspected motor p/n 945202-3 s/n ADI00173 IAW **Parker Service Bulletin 53110-29-459 R2**.

Complied with **Service Bulletin 100-34-34 R1** "Modification –Navigation-Activation of the Synthetic Vision System(SVS) Option", and Zodiac Aerospace Service Bulletin 990GC02Y-34-005 Rev (0). Installed the following new parts: SVS Computer p/n 866-0232-010 s/n 4C1JX and mod kit p/n GC0003509Y00. Updated Aircraft Equipment List. Verified AFM CSP100-1, Model BD-100-1A10, (CDN) DOT, Temporary Revision TR-75 and BD-100-1A10 Flight Crew Operating Manual, CSP 100-6, Volume 1, Temporary Revision TR-44 has been installed.

Complied with the following 6 Month Tasks:

- 24-32-01-201 Functional Test Batteries.
38-10-00-603 SMM Sterilize Potable water System.

Complied with the following 12 Month Tasks:

- 11-30-30-601 SMM General Visual Inspection of the Cabin Placards – Internal.
24-00-00-501 Operational Check (Cycling) of Thermal Circuit Breakers.
24-20-00-601 SMM Operational Test of the Ground Fault Interrupter (GFI).
24-32-01-302 Restoration of the Batteries. **Complied With 6/12 Month Main Battery Inspection.** Overhauled FWD Main Battery P/N 441CH1 S/N C00029 and Overhauled AFT Main Battery P/N 441CH1 S/N B07356.
24-32-05-302 Operational Test Integrated Standby Instrument Battery Capacity on battery, p/n 100-2410-02 s/n 1136401.
25-21-00-601 SMM Operational Test of the Passenger Restraints.
25-21-00-602 SMM Operational Test of the Passenger Seat Assemblies.
25-30-00-601 SMM General Visual Inspection of the Galley Drainage Lines.
25-30-00-602 SMM Detailed Inspection of the Galley Waste Container.
25-40-00-601 SMM Detailed Inspection of the Lavatory Waste Container.
25-62-00-604 SMM Visual Check of the First Aid Kit Seal p/n AFAK s/n 082813002 **Exp. Date: 10-2014. Removed Expired Items and Re-sealed First Aid Kit and Labeled Kit as Incomplete. First Aid Kit Meets the Requirements of 14 CFR 91.513 First Aid Kit Must Be Replaced In 3 Flight Cycles.** Per EJM MEL Document ID OP-ATS-25-0274 Item 62-01 (3) and Document ID OP-ATS-00-0003 Appendix 25, Page A-79 Item 25-62-01-3a.
25-62-00-609 SMM Functional Test of the Cabin Portable Fire Extinguisher (Weight Test) checked Forward Closet Fire Extinguishers, Fwd Crew Closet s/n Y-456248, 5.63 LBS.
25-62-00-612 SMM Detailed Inspection of the Passenger Life Vests p/n 63600-105 s/n L2197001, s/n L2166409, s/n L2203495, s/n L2197003, s/n L2196999 s/n L2203497, s/n L2203498, s/n L2196998, s/n L2203501. **All Manufacture Dates 2013.**
25-62-00-613 SMM Detailed Inspection of the Life Rafts, (FWD Crew Closet) (#1) s/n 4UL-02744, **DOM 8-2013** (#2) s/n 4UL-02743, **DOM 8-2013** (AFT Cabinet) (#3) s/n 4UL-02742, **DOM 8-2013**
25-62-00-614 SMM Discard of the Flashlight Batteries.
25-63-00-201 SMM Complied with 12 Month Emergency Locator Transmitter Battery Inspection and System Functional Test (IAW FAR 91.207 (d) On p/n 453-5060 s/n 14235 **Battery Exp. Date 6-2018.**
27-11-17-201 Lubrication of the Aileron Brush Seals.
27-52-13-201 Lubrication of the Inboard/Outboard Flap Actuator.
32-11-00-206 Lubrication of the Main Landing Gear and Components.
32-21-00-205 Lubrication of the Nose Landing Gear and Components.
33-20-00-601 SMM Operational Test of the Ordinance Signs.
35-00-00-607 SMM Detailed Inspection of the Protective Breathing Equipment (PBE), s/n 004-76575M, **DOM 08-2013.**
38-10-00-602 SMM General Visual Inspection of the Potable Water System.

Complied with the following 400 Hour Tasks:

- 27-50-00-106 Functional Test Flap Alternate Hydraulic System.
45-76-00-201 Special Detailed Inspection of the Engine Fault Data.
Complied with Executive Jet Management Avionics Annual Checklist.
Complied with Executive Jet Management Post Flight Inspection Form.

I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH THE MANUFACTURES INSPECTION PROGRAM REQUIRED BY FAR 91.409(f)(3) AND IS APPROVED FOR RETURN TO SERVICE.
INSPECTIONS: 6/12 MONTH TLMC / 6/12 MONTH STLMC / 400 HOUR

A/C TSN: 350.2 W/O # 175317
A/C LDG: 200 Date: 12-21-2014 SIGNATURE: [Signature] CRS# LK2R981K

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 339.0	Airframe Landings: 194
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- Item 1:** Removed RHIB Main Wheel Assy p/n 3-1609-1 s/n 2603/2603 and tire p/n 269K43-2, s/n 30083015, In Accordance With Challenger 300 MM Task #32-41-01-000-801. Installed "Modified" wheel assy p/n 3-1609-1 s/n 2947/2947 and tire p/n 269K43-2, s/n 40223293, In Accordance With Challenger 300 MM Task #32-41-01-400-801. Serviced tire to spec with Nitrogen.
- Item 2:** Removed RHOB Main Wheel Assy p/n 3-1609-1 s/n 2609/2609 and tire p/n 269K43-2, s/n 30043002, In Accordance With Challenger 300 MM Task #32-41-01-000-801. Installed "Modified" wheel assy p/n 3-1609-1 s/n 2946/2946 and tire p/n 269K43-2, s/n 40233309, In Accordance With Challenger 300 MM Task #32-41-01-400-801. Serviced tire to spec with Nitrogen.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.


Mechanic

A&P 3033881
Certificate type/number

12/8/14
Date

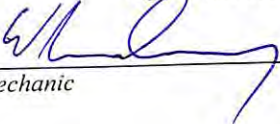
AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 314.9	Airframe Landings: 182
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Item 1: Complied with annual ELT functional test per FAR 91.207. Work performed In Accordance With Artex Products Description, Operation, Installation, and Maintenance Manual for p/nC406-N (453-5060), C06-N HM (453-5601), Section 25-62-13. No discrepancies noted. Inspection next due 11/30/2015. ELT Battery expires June, 2018.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.


Mechanic

A#P 3033881
Certificate type/number

11/24/14
Date

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 304.3	Airframe Landings: 176
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- Item 1:** Removed Water System, p/n AR9017-11, s/n 1104395 and installed "Repaired" Water System p/n AR9017-11, s/n 1055582. Work performed In Accordance With Challenger 300 Maintenance Manual tasks 33-10-03-000-801 and 33-10-400-801. Operational and leak checks normal.
- Item 2:** Removed Auxiliary Hydraulic Accumulator Pressure Gauge P/N G-4304F S/N 12K5180 and installed repaired Accumulator Gauge P/N G-4304F S/N 12D4940 per Challenger 300 Maintenance Manual 29-21-17-400-801. Operational check good.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.


Mechanic

Air 30029000
Certificate type/number

11/11/2014
Date

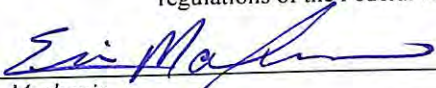
AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 295.8	Airframe Landings: 172
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Item 1: Removed Left Hand Windshield Heat Detector P/N 171DZ01Y00 and installed new Windshield Heat Detector P/N 171DZ01Y00 per Challenger 300 Maintenance Manual 24-62-05-400-810. Operational check good.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.


Mechanic

AIP 310029006
Certificate type/number

10/31/2014
Date

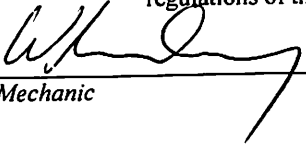
AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 255.1	Airframe Landings: 154
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Item 1: Removed #1 HF Radio Transceiver unit, p/n 822-0101-002, s/n 6475. Installed "Repaired" unit, p/n 822-0101-002, s/n 5068. Ops test normal. All work performed In Accordance With BD-100 Maintenance Manual tasks 23-12-01-000-801 and 23-12-01-400-801.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

 Mechanic	AIP 3033881 Certificate type/number	9/19/14 Date
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AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 228.7	Airframe Landings: 142
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- Item 1:** Removed Right Side Hydraulic Pressure Transducer, p/n 970281-1, s/n 8010-12-71. Installed "NEW" Transducer, p/n 970281-1, s/n 7961-1-202. Work performed In Accordance With BD100 Maintenance Manual Tasks 29-31-01-000-801 and 29-31-01-400-801. Ops and leak tests are normal.
- Item 2:** Removed Right Side Hydraulic Pressure Switch, p/n 967008-1, s/n HYD7972. Installed "NEW" Pressure Switch, p/n 967008-1, s/n HYD8795. Work performed In Accordance With BD100 Maintenance Manual Tasks 29-31-05-000-801 and 29-31-05-400-801. Ops and leak tests are normal.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.


Mechanic

AIP 310029006
Certificate type/number

8/26/2014
Date

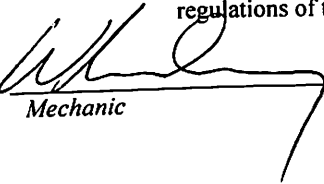
AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 227.5	Airframe Landings: 141
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Item 1: AD 2011-14-08 does NOT apply to this aircraft. Equipment affected by this AD is not installed on this aircraft. No further action required.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.


Mechanic

AIP 3033881
Certificate type/number

8/13/14
Date

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A/C: 300-20428 REG: N300ER LDG: 135 TSN: 220.5
CRS# LK2R981K WICHITA, KANSAS

Removed defective #1 NAV unit P/N 822-1465-001 S/N 4M45D and replaced with repaired unit P/N 822-1465-001 S/N 2HWHG. All work done IAW CL300 AMM 34-51-01, all ops checks good.

THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED ONLY FOR THE WORK PERFORMED. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS FACILITY UNDER W/O NO.: S05-0188.

DATE: 7-25-14 SIGNATURE

LEARJET INC. CRS# LK2R981K

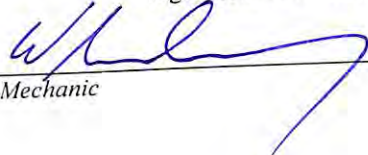
AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 193.3	Airframe Landings: 117
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- Item 1:** Removed #1 Main Ship battery, p/n 441CH1, s/n B01947. Installed "OVH" Battery p/n 441CH1, s/n C00029. Ops test satisfactory. Work performed In Accordance With Bombardier CL-300 Maintenance Manual Task Number 24-32-01-000-801. No further discrepancies noted at this time.
- Item 2:** Removed #2 Main Ship battery, p/n 441CH1, s/n B01948. Installed "OVH" Battery p/n 441CH1, s/n B07356. Ops test satisfactory. Work performed In Accordance With Bombardier CL-300 Maintenance Manual Task Number 24-32-01-000-801. No further discrepancies noted at this time.
- Item 3:** Removed Inverter p/n SS200, s/n 1371 and installed "Repaired" Inverter p/n SS220, s/n 903. Ops test satisfactory at this time. Work performed In Accordance With Bombardier CL-300 Supplemental Maintenance Manual Task Number 24-25-01-400-801.
- Item 4:** Sterilized Potable Water System onboard aircraft In Accordance With Bombardier CL-300 Supplemental Maintenance Manual Task Number 12-15-00-670-801.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.


Mechanic

AIP 3033881
Certificate type/number

6/9/14
Date

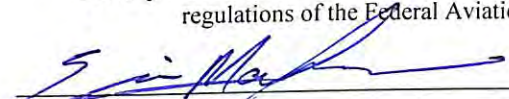
AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 170.5	Airframe Landings: 105
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Item 1: Removed #1 Spoiler Electronic Control Unit P/N: C47330-011 S/N: 1045 and installed
"Repaired" Spoiler Electronic Control Unit P/N: C47330-011 S/N: 594 per Bombardier
Challenger 300 Maintenance Manual 27-61-05-400-801. Operational tests were all satisfactory.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.


Mechanic

AIP 310029006
Certificate type/number

5/13/2014
Date

BOMBARDIER

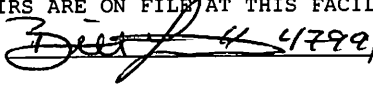
the evolution of mobility

A/C: 300-20428 REG: N300ER LDG: 104 TSN: 170.1
CRS# LK2R981K WICHITA, KANSAS

Replaced the Flight Guidance Computer #2 (FGC) P/N= 822-1592-526, S/N= 426VRH with "NEW" FGC
P/N= 822-1592-526, S/N= 426R15 I/A/W BD100 AMM 22-11-01. No further discp. noted.

Replaced the #1 Input output Concentrator card (IOC) P/N= 822-1362-150, S/N= 412CT8 with "NEW"
IOC Card P/N= 822-1362-150, S/N= 412FC6. Replaced #2 IOC Card P/N= 822-1362-150, S/N= 412D2D
With "NEW" IOC Card P/N= 822-1362-150, S/N= 426PVO I/A/W BD100 AMM 31-45-05. No further
discp. noted.

THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT
REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED ONLY FOR THE WORK PERFORMED.
PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS FACILITY UNDER W/O NO.: 171611.

DATE: 10-May-2014 SIGNATURE  LEARJET INC. CRS# LK2R981K

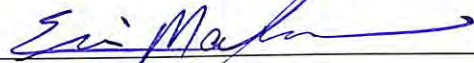
AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 150.4	Airframe Landings: 92
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Item 1: Removed Horizontal Stabilizer Electronic Control Unit p/n C47329-012-013 s/n 270, and installed "Tested" Horizontal Stabilizer Electronic Control unit p/n C47329-010-013, s/n 303. Operational tests all satisfactory. All work was performed in accordance with Bombardier Challenger 300 Maintenance Manual Task Number 27-41-21-400-801.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.


Mechanic

AIP 310029006
Certificate type/number

4/23/2014
Date

BOMBARDIER

the evolution of mobility

A/C: 300-20428 REG: N300ER LDG: 83 TSN: 124.4
CRS# LK2R981K WICHITA, KANSAS

Complied with visual and tap test inspection of R/H winglet with no defects noted. Vendor (Paragon Services Inc,) complied with radiographic, Eddy Current, and ultrasonic inspections with no defects noted, reference report #W-B020414. Complied with Bombardier Service Request for Product Support Action (SRPSA) 20387, this constitutes terminating action for REO R1005731050. Repainted R/H winglet using PRC Matterhorn White i1050 and stripe using PRC Black B701. Reapplied abrasion resistant tape.

RII Replaced HSTECU p/n C47329-010 s/n 149 with customer supplied repaired unit p/n C47329-012 s/n 270 with software version 013.

RII Replaced L/H hydraulic lock out rod p/n 1002730141-005 s/n 915 with repaired p/n 1002730141-005 s/n 440.

RII Replaced R/H hydraulic lock out rod p/n 1002730141-005 s/n 969 with repaired p/n 1002730141-005 s/n 555.

THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED ONLY FOR THE WORK PERFORMED. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS FACILITY UNDER W/O NO.: 170344.

DATE: 4/8/2014 SIGNATURE [Signature] LEARJET INC. CRS# LK2R981K

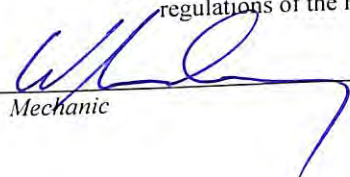
AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 108.0	Airframe Landings: 75
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Item 1: Removed Horizontal Stabilizer Electronic Control Unit p/n C47329-012-013 s/n 592, and installed "Repaired" Horizontal Stabilizer Electronic Control unit p/n C47329-010-013, s/n 149. Operational tests all satisfactory. All work was performed in accordance with Bombardier Challenger 300 Maintenance Manual Task Number 27-41-21-400-801.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.


Mechanic

A&P 3033881
Certificate type/number

3/20/14
Date

AIRFRAME MAINTENANCE ENTRY

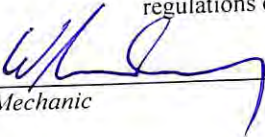
Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 108.0	Airframe Landings: 75
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Item 1: Removed interior Airstair switch p/n PSC0106-010-200 s/n 0331 and replaced with "NEW" Airstair switch p/n PSC0106-010-200 s/n 0362. Operational test normal. Work performed In Accordance with CL300 Maintenance Manual tasks 52-11-13-000-801 (Removal) and 52-11-13-400-801 (Installation). No further discrepancies noted at this time.

Item 2: Complied with check of APU oil supply In Accordance With CL300 Maintenance Planning Document Section 3.2 Task 49-91-00-501. Oil quantity is full.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.


Mechanic

AIP 3033881
Certificate type/number

3/17/14
Date

AIRFRAME MAINTENANCE ENTRY

Aircraft N# N300ER	Aircraft S/N: 20428	Airframe TT: 93.1	Airframe Landings: 66
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Item 1: Removed #2 Spoiler Electric Control Unit, p/n C47330-011, s/n 1806. Installed "Repaired" Spoiler Electric Control Unit, p/n C47330-011, s/n 595. All work performed In Accordance With Challenger 300 Maintenance Manual Chapter 27-61-05-000-801 and 27-61-05-400-801. Operational check normal. No further discrepancies noted at this time.

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine or appliance identified above was repaired and inspected/tested in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.


Mechanic

AIP 310029006
Certificate type/number

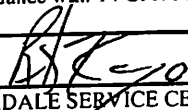
2/26/2014
Date

BOMBARDIER

Aircraft Registration N300ER	Serial Number 20428	Aircraft Model BD-100-1A10	Page 1 of 1
Total Time 70.7	Total Landings 53	Date January 27, 2014	
Airframe Logbook Entry			

The Following Serialized Parts Were Installed:					
Part Name	P/N Off	S/N Off	P/N On	S/N On	Status
Rudder Limiter Actuator	1002720018-003	462	1002720018-003	172	Repaired

Completed Maintenance in accordance with 14 CFR 91.409, is approved for return to service and a detailed record is on file under work order: **169606**.

Richard Kanyo		Date:	January 28, 2014	FAA CRS LN4R342M
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LEARJET INC, FORT LAUDERDALE SERVICE CENTER, 4100 SW 11th TERRACE FORT LAUDERDALE FLORIDA 33315
FAA CRS LN4R342M

**MAINTENANCE ENTRY**

American Air Services, Inc. d/b/a Executive Jet Management, Inc.
4536 Airport Road, Cincinnati, Ohio 513 871-2004

Aircraft N#:	300NC	Aircraft S/N:	20440	Airframe TT:	15.7	LNDG:	8
APU S/N:		#1 ENG S/N:		#1 ENG TT:		CYC:	
APU HRS:		#2 ENG S/N:		#2 ENG TT:		CYC:	
APU Events:		#3 ENG S/N:		#3 ENG TT:		CYC:	

Removed VHF-4000 / Transceiver, VHF Comm Assembly p/n: 822-1468-110, s/n: 4MM69 for inoperative condition.
Installed overhauled unit with same p/n and s/n: 4L4FY in accordance with BD-100 AMM 23-11-00-710-801.
Operational check good. Unit overhauled by Rockwell Collins, Inc., CRS # NZ2R049L.

MAINTENANCE RELEASE

I certify that the aircraft, airframe, engine, propeller or appliance identified above was repaired and inspected/tested in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent records of the repair are on file at this repair station under Work Order # 43004.

Date: 12/28/2013Mechanic: *Rodger Signature*A&P Certificate No: 3541375**MAINTENANCE ENTRY**

American Air Services, Inc. d/b/a Executive Jet Management, Inc.
4536 Airport Road, Cincinnati, Ohio 513 871-2004

Aircraft N#:		Aircraft S/N:		Airframe TT:		LNDG:	
APU S/N:		#1 ENG S/N:		#1 ENG TT:		CYC:	
APU HRS:		#2 ENG S/N:		#2 ENG TT:		CYC:	
APU Events:		#3 ENG S/N:		#3 ENG TT:		CYC:	

MAINTENANCE RELEASE

I certify that the aircraft, airframe, engine, propeller or appliance identified above was repaired and inspected/tested in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent records of the repair are on file at this repair station under Work Order # _____.

Date: _____

Mechanic: _____

A&P Certificate No: _____

Tail No N300ER
Aircraft Bombardier CL300
Serial No 20428

Date: 12/27/13
Hours: 41.1
Lnds: 37

Removed LH IB Main Wheel Assembly PN:3-1609-1 SN:2644/2644 and Tire PN:269K43-2
SN:30113021, IAW AMM TASK 32-41-01-000-801.

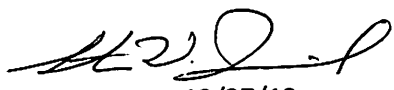
Installed Serviceable Modified NEW LH IB Main Wheel Assembly PN:3-1609-1 SN:2808/2808 and
Tire PN:269K43-2 SN:12742716, IAW AMM TASK 32-41-01-400-801.

Serviced Tire to Spec with Nitrogen.

RETURN TO SERVICE STATEMENT

Completed Maintenance in accordance with 14 CFR 91.409 and is approved for return to service for the
work performed.

Tech: Steve Janninck
Lic: A&P 3463544


Date: 12/27/13

AIRFRAME LOGBOOK MAINTENANCE ENTRY

Aircraft N#:	N300ER	Aircraft S/N:	20428	Airframe TT:	41.1	LNDG:	37
APU S/N:	P-544	#1 ENG S/N:	P118995	#1 ENG TT:	41.1	CYC:	37
APU HRS:	51.25	#2 ENG S/N:	P118996	#2 ENG TT:	41.1	CYC:	37
APU Events:	NA	#3 ENG S/N:	NA	#3 ENG TT:	NA	CYC:	NA

This Aircraft is now being maintained by Executive Jet Management in accordance with FAR 91.409(f)(3).

APPROVAL FOR RETURN TO SERVICE

I certify that the aircraft, airframe, engine, propeller or appliance identified above was repaired and inspected/tested in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 12/23/13 Mechanic: Andrew T. Kuhl Certificate Number: AJP 2766545

MODEL: BD-100-1A10

(Challenger 300)

SERIAL: 20428

Aircraft hours 17.9
Aircraft cycles 21

A.D.C. TEST

The static pressure system and altimeter that were tested as per FTP S100-341301 and met the test requirements of TCCA Standard, Chapter 571 Appendix B and also conform to FAA regulations Part 43, App. E, as required, per FAR 91.411.

Component	Part Number	Serial Number	Test Date	Max Altitude Tested
ISI	C16786LA02	C16786006944	DEC/05/2013	45000 FEET
ADC# 1	822-1109-020	41H948	DEC/05/2013	45000 FEET
ADC# 2	822-1109-020	41H94T	DEC/05/2013	45000 FEET

A.T.C. TEST

The Transponder system was tested as per FTP: S100-345411 and met the test requirements of TCCA Standard, Chapter 571 Appendix F and also conformed to FAA regulations Part 43, App. F, as required, per FAR 91.413.

Component	Part Number	Serial Number	Test Date	Max Altitude Tested
ATC Transponder 1	822-2132-001	499WM	DEC/05/2013	45000 FEET
ATC Transponder 2	622-9210-409	4LV72	DEC/05/2013	45000 FEET

WEIGHT AND BALANCE Amended

Following the paint stripes added, the weight & balance report has been amended. The new true empty weight and center of gravity is: 23599 lbs @ 607.0 in and is based on weight and balance report number RAW-BA100-20428C REV.B
Dated : 04/DEC/2013

B.O.I. AND SNAG PAGES

The work performed on this aircraft is detailed in the in-service/delivery control assembly, under the following B.O.I. and Snag pages:

LCJ330 B.O.I. FLT. No 12 Page 91 to 95.
LCJ330 Snags FLT. No 12 Page 5 to 5.

RNC / E-SNAG STATEMENT

For all non-conformance report complied with at this time, refer to HMS reports (non-conformance management system).
For all completion snags complied with at this time, refer to E-SNAG

SERVICE CHECK & WALK AROUND CARRIED OUT as per CAHIER DE MONTAGE # CJV037 Change # 184078.

AIRWORTHINESS DIRECTIVES

As of this date this Aircraft complies with all applicable Airworthiness Directives.

TCCA A.D., reference: Most recent A.D. #CF-2013-38

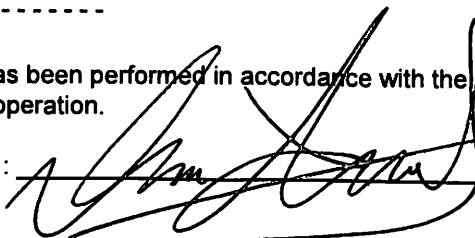
FAA A.D., reference: Biweekly issue A.D. # 2013-24

EASA A.D., reference: Biweekly Report A.D. # 24-2013

A.C.A. SIGNATORY

The above described maintenance has been performed in accordance with the applicable airworthiness requirements.
Aircraft certified in condition for safe operation.

Authorized Signatory, A.M.O. #12-58 :



Stamp

Date 05 DEC. 2013

* Must be same Stamp as one used to release work * Stamp: N/A

PAGE 26 of

MODEL: BD-100-1A10

(Challenger 300)

SERIAL: 20428

INFORMATION DE VOL / FLIGHT INFORMATION DATA

Pilot name (print) <u>R-PATERSON</u>		Copilot name (print) <u>M-SHINOHARA</u>		
Flight # <u>#11</u>	Zero fuel weight <u>24280</u> Lbs (circle) Kg	Fuel at take-off <u>8840</u> Lbs (circle) Kg	Total OTHER occupants on board <u>1</u>	Total weight at take-off <u>33120</u> Lbs (circle) Kg
Point of departure <u>CYUL</u>	Point of Destination <u>CYUL</u>	Take-off Time <u>1510</u>	Landing Time <u>1615</u>	A) Air time this flight <u>101</u>

HEURES ET CYCLES D'AERONEF / AIRCRAFT TIME AND CYCLES

Record of aircraft time		Record of aircraft cycles		
B) Previous total air time <u>16.8</u>	(A+B) = Total air time since new <u>17.9</u> (0.1 hour equals 6 minutes)	Previous A/C cycles <u>18</u>	Cycles this flight <u>3</u>	Total A/C cycles <u>21</u>

No NO	ANOMALIE / DISCREPANCY	MESURES PRISES / ACTION TAKEN	Approv tech
	<u>NO SWAGS</u>	<u>Noted</u>	
			DATE <u>DEC 04 2013</u>
No NO	ANOMALIE / DISCREPANCY	MESURES PRISES / ACTION TAKEN	Approv tech
			DATE
No NO	ANOMALIE / DISCREPANCY	MESURES PRISES / ACTION TAKEN	Approv tech
			DATE

SIGNATURE DU PILOT / PILOT SIGNATURE

Pilot signature: <u>[Signature]</u>	Licence No. <u>259442</u>	Date: <u>4 Dec 13</u> dd mm yy
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Transcribed from Journey Log

Authorized Signatory 12-58 [Signature]/ Stamp / Date 04 DEC. 2013PAGE 21 of 26

MODEL: BD-100-1A10

(Challenger 300)

SERIAL: 20428

- The work performed on this aircraft is detailed in the in-service/delivery control assembly, under the following pages (including all assembly manuals closed at this date since the previous A/C release):

B.O.I Flt. 11Page 87 to 90

Customer Snags

Flt. 11Page 112 to 112Snags Flt. 11Page 4 to 4

Pilot Flt. Snags

As per previous journey log pages

- Maintenance action, A.D., S/B, S/L, REO, RNIEO, M/S, STC, LSTC, etc. carried out listed below:

SERVICE CHECK & WORKAROUNDS DONE AS PER C/P 0.32 (CHANGE
#184098)

YES ☐ NO ☒ Is there any **INDEPENDANT INSP.** that has not been previously released? (ONLY fill block if YES is selected)

The system as noted for flight # _____, on BOI p. _____ has/have been inspected for correct assembly, locking and sense of operation.

Authorized Signatory: _____ Stamp: _____ Date (dd / mm / yy) _____

YES ☐ NO ☒ Is there any **DEFERRED** Items and / or **REMARKS** for this flight? (ONLY fill block if YES is selected)

Deferred Items and/or Remarks are recorded on: Defer Log (Front of Journey Log) ☐ QA34 Form ☐ QA35 Form ☐

Per CAR part VI subpart V, Section 605.10, CAR standard 625.10 and Bombardier Inc. Maintenance Policy Manual section 10.3.1, It is acceptable to defer items listed on appropriated log / form. (Refer to checked boxes above for location of open deferred / remarks items)

"MANDATORY" This Aircraft is now flying under the following **FLIGHT AUTHORITY** (Check proper flight authority prior each flight)

Restrictions may apply depending on flight authority selected

When using Blanket Flight Authority Appendix A, B or C refer to administrative note on page 2 or 3 of this present log for details.

Appendix A (Prod. test flt) ☐ Appendix B (Cust. Accept. flt) ☐ Appendix C (Ferry flt) ☐ Canadian C of A ☐ US standard ☒ Special C of A ☐

If using following Authority specify expiration date: Experimental ☐ Specific Purpose ☐ Foreign Permit/TCCA Validation ☐ Exp Date: _____
dd mm yy

If none of the above flight authority is used, clarify details of flight authority used: _____

"MANDATORY" Airworthiness Directives (AD Notes) / Next Maintenance Inspection

A/C complies UP TO, TCCA AD's # cf 2013-38, FAA AD's Biweekly # 2013-23 and Other AD's # N/A

Next 400 Flt hours Insp. due at 400 hours A/C total time. Next N/A hours elapse time due on N/A at N/A
dd mm yy Time

YES ☐ NO ☒ This maintenance release is subject to satisfactory flight test (If YES is selected, refer to next page for terms of release)

I certify that the above-described maintenance has been performed in accordance with the applicable standards of airworthiness and the Aircraft is certified as being in condition for safe operation.

☐ YES ☒ NO This release is signed under EASA Supplement 145.7091: I certify that the work specified was carried out in accordance with Canadian Aviation Regulations and in respect to that work the aircraft is ready for release to service.

Authorized Signatory A.M.O. 12-58: [Signature] Stamp: [Stamp] Date (dd / mm / yy) DEC 04 2013 Time: 0530 AM

Transcribed from Journey Log

Authorized Signatory 12-58 [Signature] / Stamp [Stamp] / Date 04 DEC. 2013

PAGE 24 of 25

Section 1

TECHNICAL LOG

BOMBARDIER
AÉRONAUTIQUEBOMBARDIER
AEROSPACE

MODEL: BD-100-1A10 (Challenger 300)

SERIAL: 20428

INFORMATION DE VOL / FLIGHT INFORMATION DATA

Pilot name (print) <u>JACOBY</u>		Copilot name (print) <u>CRAMPTON</u>		
Flight #	Zero fuel weight	Fuel at take-off	Total OTHER occupants on board	Total weight at take-off
# 10	(Lbs) <u>24800</u> (circle) Kg	(Lbs) <u>10120</u> (circle) Kg	<u>4</u>	(Lbs) <u>34980</u> (circle) Kg
Point of departure	Point of Destination	Take-off Time	Landing Time	A) Air time this flight
<u>CYUL</u>	<u>CYUL</u>	<u>1915</u>	<u>2215</u>	<u>3.0</u>

HEURES ET CYCLES D'AERONEF / AIRCRAFT TIME AND CYCLES

Record of aircraft time		Record of aircraft cycles		
B) Previous total air time	(A+B) = Total air time since new	Previous A/C cycles	Cycles this flight	Total A/C cycles
<u>13.8</u>	<u>16.8</u> (0.1 hour equals 6 minutes)	<u>16</u>	<u>2</u>	<u>18</u>

No NO	ANOMALIE / DISCREPANCY	MESURES PRISES / ACTION TAKEN	Approv tech
	<u>Airborne VOR check</u> <u>carried out with YRB</u> <u>VOR1: 174° 73 nm</u> <u>VOR2: 174° 73 nm</u> <u>[Signature]</u> <u>2362384</u>	<u>NOTED</u>	BOMBARDIER / M 7776AA A.M.G. 12-58 DATE <u>03/12/13</u>
	<u>No Approach Plates</u> <u>available</u>	<u>FOUND JEPPESEN CHARTS LOCKED</u> <u>WORLD BASIC HAS BEEN UNLOCKED</u> <u>& SYSTEM FOUND SERVICEABLE</u>	BOMBARDIER / M 78308A DATE <u>03 DEC. 2013</u>
			DATE _____

SIGNATURE DU PILOT / PILOT SIGNATURE

Pilot signature: <u>[Signature]</u>	Licence No. <u>2362380</u>	Date: <u>02-12-13</u> dd mm yy
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Transcribed from Journey Log

Authorized Signatory 12-58 [Signature]

/ Stamp



/ Date

03 DEC. 2013

PAGE 23 of

MODEL: BD-100-1A10

(Challenger 300)

SERIAL: 20428

- The work performed on this aircraft is detailed in the in-service/delivery control assembly, under the following pages (including all assembly manuals closed at this date since the previous A/C release):

B.O.I Flt. 10 Page 78 to 86

Customer Snags

Flt. 10Page 0 to 0Snags Flt. 10Page 4 to 4

Pilot Flt. Snags

As per previous journey log pages

- Maintenance action, A.D., S/B, S/L, REO, RNIEO, M/S, STC, LSTC, etc. carried out listed below:

Service check & walkaround carried out as per
CIVO 37 (change # 184078)

YES ☐ NO ☒ Is there any **INDEPENDANT INSP.** that has not been previously released? (ONLY fill block if YES is selected)

The system as noted for flight # _____, on BOI p. _____ has/have been inspected for correct assembly, locking and sense of operation.

Authorized Signatory: _____ Stamp: _____ Date (dd / mm / yy) _____

YES ☐ NO ☒ Is there any **DEFERRED** items and / or **REMARKS** for this flight? (ONLY fill block if YES is selected)

Deferred items and/or Remarks are recorded on: Defer Log (Front of Journey Log) ☐ QA34 Form ☐ QA35 Form ☐

Per CAR part VI subpart V, Section 605.10, CAR standard 625.10 and Bombardier Inc. Maintenance Policy Manual section 10.3.1, It is acceptable to defer items listed on appropriated log / form. (Refer to checked boxes above for location of open deferred / remarks items)

"MANDATORY" This Aircraft is now flying under the following **FLIGHT AUTHORITY** (Check proper flight authority prior each flight)

Restrictions may apply depending on flight authority selected

When using Blanket Flight Authority Appendix A, B or C refer to administrative note on page 2 or 3 of this present log for details.

Appendix A (Prod. test fit) ☐ Appendix B (Cust. Accept. fit) ☐ Appendix C (Ferry fit) ☐ Canadian C of A ☐ US standard ☒ Special C of A ☐

If using following Authority specify expiration date: Experimental ☐ Specific Purpose ☐ Foreign Permit/TCCA Validation ☐ Exp Date: _____
dd mm yy

If none of the above flight authority is used, clarify details of flight authority used: _____

"MANDATORY" Airworthiness Directives (AD Notes) / Next Maintenance Inspection

A/C complies UP TO, TCCA AD's # CF-2013-38 FAA AD's Biweekly # 2013-23 and Other AD's # NA

Next 400 Flt hours Insp. due at 400 hours A/C total time. Next NA hours elapse time due on NA at NA
dd mm yy Time

YES ☐ NO ☒ This maintenance release is subject to satisfactory flight test (If YES is selected, refer to next page for terms of release)

I certify that the above-described maintenance has been performed in accordance with the applicable standards of airworthiness and the Aircraft is certified as being in condition for safe operation.

☐ YES ☒ NO This release is signed under EASA Supplement 145.7091: I certify that the work specified was carried out in accordance with Canadian Aviation Regulations and in respect to that work the aircraft is ready for release to service.

Authorized Signatory A.M.O. 12-58: _____

Stamp: _____

Date (dd / mm / yy) _____

DEC 02 2013

Time: 12:45 PM

Transcribed from Journey Log

Authorized Signatory 12-58 _____

/ Stamp _____

/ Date 03 DEC. 2013

PAGE 22 of 23

MODEL: BD-100-1A10

(Challenger 300)

SERIAL: 20428

DART SIGNATORY

I find that the aircraft meets the requirements for the certificate requested and have issued a Standard Airworthiness Certificate dated NOV/25/2013.


Ron Sokolowski, Dart 710613EA

MODEL: BD-100-1A10

(Challenger 300)

SERIAL: 20428

AIRWORTHINESS DIRECTIVES

As of this date this Aircraft complies with all applicable Airworthiness Directives.

TCCA A.D., reference: Most recent A.D. #CF-2013-36

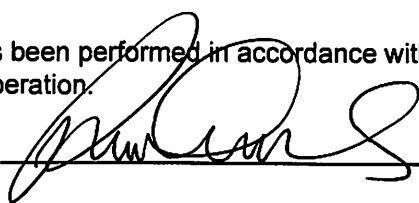
FAA A.D., reference: Biweekly issue A.D. # 2013-23

EASA A.D., reference: Biweekly Report A.D. # 23-2013

A.C.A. SIGNATORY

The above described maintenance has been performed in accordance with the applicable airworthiness requirements.

Aircraft certified in condition for safe operation.

Authorized Signatory, A.M.O. #12-58 : 

Stamp



Date 25 NOV. 2013

* Must be same Stamp as one used to release work * Stamp:



MODEL: BD-100-1A10

(Challenger 300)

SERIAL: 20428

Aircraft hours 13.8
Aircraft cycles 16

AIRCRAFT MARKING

Canadian markings C-GOWQ has been removed from Canadian registry, in accordance with Canadian Aviation Regulation 202.03 & Standards 222.01 and USA registration markings N300ER affixed on aircraft as required by FAR 45.11 .

A.T.C. TRANSPONDER UNIT STRAPPED

In relation with registration markings N300ER, Binary code: 1010 0011 0001 1111 1100 0110, Hexadecimal: A31FC6 & Octo: 50617706. The transponder system has been tested per A.M.M. task # 23-11-01-280-801 and task # 34-54-00-710-801 and inspected to meet the requirements of TCCA Standard, Chapter 571 appendix F and FAA Regulations Part 43, Appendix F as required by FAR 91.413 and found serviceable.

E.L.T. RE-PROGRAMMING

The re-programmation has been carried out the NOV/24/2013 as per FTP # S300-256011 in accordance with TCCA, Standard 571 appendix G, and FAR 43. Country code for USA is 366 and Hexadecimal code is 2DC7463F8CFFBFF.

SELCAL STRAPPING

Has been replaced to JQ-EP and tested in accordance with AMM tasks # 23-51-21-710-801.

(CVR) COCKPIT VOICE RECORDER

S/N: 000888494 intelligibility test has been performed by the National Research Council Canada (NRC), A.M.O. 40-00, on Nov/16/2013 (NRC work order file # 2013-1174). The overall performance of the CVR system determined to be serviceable.

(FDR) FLIGHT DATA RECORDER

S/N: 000911660 correlation check has been performed by the National Research Council Canada (NRC), A.M.O. 40-00 on Nov/16/2013. (NRC work order file # 2013-1173). The overall performance of the FDR system determined to be serviceable.

B.O.I. AND SNAG PAGES

The work performed on this aircraft is detailed in the in-service/delivery control assembly, under the following B.O.I. and Snag pages:

LCJ330 B.O.I. FLT. No 10 Page 74 to 77.
LCJ330 Snags FLT. No 10 Page 2 to 3.

RNC / E-SNAG STATEMENT

For all non-conformance report complied with at this time, refer to HMS reports (non-conformance management system).
For all completion snags complied with at this time, refer to E-SNAG

SERVICE CHECK & WALK AROUND CARRIED OUT as per CAHIER DE MONTAGE # CJV037 Change # 184078.

* Must be same Stamp as one used to release work * Stamp: _____

MODEL: BD-100-1A10 (Challenger 300)

SERIAL: 20428

INFORMATION DE VOL / FLIGHT INFORMATION DATA

Pilot name (print) <u>PROULX</u>		Copilot name (print) <u>CRAMPTON</u>		
Flight #	Zero fuel weight	Fuel at take-off	Total OTHER occupants on board	Total weight at take-off
<u>119</u>	<u>24085</u> (Lbs) (circle) Kg	<u>8440</u> (Lbs) (circle) Kg	<u>0</u>	<u>32525</u> (Lbs) (circle) Kg
Point of departure	Point of Destination	Take-off Time	Landing Time	A) Air time this flight
<u>cyul</u>	<u>cyul</u>	<u>2035</u>	<u>2135</u>	<u>1.0</u>

HEURES ET CYCLES D'AERONEF / AIRCRAFT TIME AND CYCLES

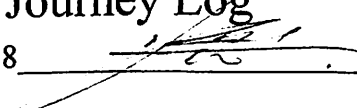
Record of aircraft time		Record of aircraft cycles		
B) Previous total air time	(A+B) = Total air time since new	Previous A/C cycles	Cycles this flight	Total A/C cycles
<u>12.8</u>	<u>13.8</u> (0.1 hour equals 6 minutes)	<u>15</u>	<u>1</u>	<u>16</u>

No NO	ANOMALIE / DISCREPANCY	MESURES PRISES / ACTION TAKEN	Approv tech
1	<u>NO SNAGS</u>	<u>NOTED</u>	 DATE <u>25 NOV. 2013</u>
			Approv tech DATE
			Approv tech DATE

SIGNATURE DU PILOT / PILOT SIGNATURE

Pilot signature: 	Licence No. <u>A209183</u>	dd mm yy Date: <u>17 11 13</u>
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Transcribed from Journey Log

Authorized Signatory 12-58 

/ Stamp



/ Date

18 NOV. 2013

PAGE 18 of 19

MODEL: BD-100-1A10

(Challenger 300)

SERIAL: 20428

- The work performed on this aircraft is detailed in the in-service/delivery control assembly, under the following pages (including all assembly manuals closed at this date since the previous A/C release):

B.O.I Flt. 9Page 71 to 74

Customer Snags

Flt. 8Page 47 to 48Snags Flt. 9Page 2 to 2

Pilot Flt. Snags

As per previous journey log pages

- Maintenance action, A.D., S/B, S/L, REO, RNIEO, M/S, STC, LSTC, etc. carried out listed below:

SERVICE CHECK AND WALKAROUND CARRIED OUT AS PER
CJV 037 REV 184078

YES ☐ NO ☒ Is there any **INDEPENDANT INSP.** that has not been previously released? (ONLY fill block if YES is selected)

The system as noted for flight # _____, on BOI p. _____ has/have been inspected for correct assembly, locking and sense of operation.

Authorized Signatory: _____ Stamp: _____ Date (dd / mm / yy) _____

YES ☐ NO ☒ Is there any **DEFERRED** Items and / or **REMARKS** for this flight? (ONLY fill block if YES is selected)

Deferred Items and/or Remarks are recorded on: Defer Log (Front of Journey Log) ☐ QA34 Form ☐ QA35 Form ☐

Per CAR part VI subpart V, Section 605.10, CAR standard 625.10 and Bombardier Inc. Maintenance Policy Manual section 10.3.1, It is acceptable to defer items listed on appropriated log / form. (Refer to checked boxes above for location of open deferred / remarks items)

"MANDATORY" This Aircraft is now flying under the following **FLIGHT AUTHORITY** (Check proper flight authority prior each flight)

Restrictions may apply depending on flight authority selected

When using Blanket Flight Authority Appendix A, B or C refer to administrative note on page 2 or 3 of this present log for details.

Appendix A (Prod. test flt) ☒ Appendix B (Cust. Accept. flt) ☐ Appendix C (Ferry flt) ☐ Canadian C of A ☐ US standard ☐ Special C of A ☐

If using following Authority specify expiration date: Experimental ☐ Specific Purpose ☐ Foreign Permit/TCCA Validation ☐ Exp Date: _____

If none of the above flight authority is used, clarify details of flight authority used: _____

"MANDATORY" Airworthiness Directives (AD Notes) / Next Maintenance Inspection

A/C complies UP TO, TCCA AD's # CE 2013-35, FAA AD's Biweekly # 2013-22 and Other AD's # 23-2013

Next 400 Flt hours Insp. due at 400 hours A/C total time. Next 72 hours elapse time due on N/A at N/A

YES ☒ NO ☐ This maintenance release is subject to satisfactory flight test (If YES is selected, refer to next page for terms of release)

I certify that the above-described maintenance has been performed in accordance with the applicable standards of airworthiness and the Aircraft is certified as being in condition for safe operation.

☐ YES ☒ NO This release is signed under EASA Supplement 145.7091: I certify that the work specified was carried out in accordance with Canadian Aviation Regulations and in respect to that work the aircraft is ready for release to service.

Authorized Signatory A.M.O. 12-58: _____

Stamp: _____

Date (dd / mm / yy) 17 Nov 2013

Time: 1455PM

Transcribed from Journey Log

Authorized Signatory 12-58 _____

/ Stamp _____

/ Date _____

18 NOV. 2013

PAGE 17 of 18

MODEL: BD-100-1A10 (Challenger 300)

SERIAL: 20428

INFORMATION DE VOL / FLIGHT INFORMATION DATA

Pilot name (print) <u>STOKLEY</u>		Copilot name (print) <u>CRAMPTON</u>		
Flight #	Zero fuel weight	Fuel at take-off	Total OTHER occupants on board	Total weight at take-off
<u>8</u>	<u>24475</u> (Lbs) (circle) Kg	<u>7960</u> (Lbs) (circle) Kg	<u>2</u>	<u>32435</u> (Lbs) (circle) Kg
Point of departure	Point of Destination	Take-off Time	Landing Time	A) Air time this flight
<u>CYUL</u>	<u>CYUL</u>	<u>1910</u>	<u>2020</u>	<u>1.2</u>

HEURES ET CYCLES D'AERONEF / AIRCRAFT TIME AND CYCLES

Record of aircraft time		Record of aircraft cycles		
B) Previous total air time	(A+B) = Total air time since new	Previous A/C cycles	Cycles this flight	Total A/C cycles
<u>11.6</u>	<u>12.8</u> (0.1 hour equals 6 minutes)	<u>14</u>	<u>1</u>	<u>15</u>

No NO	ANOMALIE / DISCREPANCY	MESURES PRISES / ACTION TAKEN	
1 FLIGHT #9 Q	PRI STAB TRIM FAIL amber msg posted short final on approach just as autopilot was disconnected.	MCU REMOVED AND NEW ONE INSTALLED AS PER TASK 27-41-13-400-801, OPERATIONAL TEST DONE PER TASK 27-41-00-710-801 AND FUNCTIONAL TEST DONE PER TASK 27-41-00-720-801, FOUND SERVICEABLE REF RNC #C313103287	Approv tech BOMBARDIER / M 77764A A.M.O. 12-58 BOMBARDIER / M 85828 DATE 17/11/13
2 FLIGHT #9 Q	L ENG CHIP D/Z posted on MDC. L eng oil chip detector / zipper fault IB.	LHENGINE HARNERS W/4 AND ASSOCIATED W/4PI/W6JS REPLACED AND TESTED AS PER RNC #C31303303 FOUND SERVICEABLE	Approv tech BOMBARDIER / M 77764A A.M.O. 12-58 DATE 17/11/13
3 FLIGHT #9 Q	ATG Aircell not working Unable to detect an active WiFi signal.	Found ATG Aircell NOT Configure. Setup done AS PER 5300-231503 SERVICEABLE	Approv tech BOMBARDIER / M 96425 DATE 15-11-13

SIGNATURE DU PILOT / PILOT SIGNATURE

Pilot signature: [Signature]Licence No. AA384482Date: 15 11 13
dd mm yy

Transcribed from Journey Log

Authorized Signatory 12-58 [Signature]

/ Stamp



/ Date

18 NOV. 2013

PAGE 16 of 17

SERIAL: 20428

- B.O.I Flt. 8 Page 4 to 71 Customer Snags Flt. 8 Page 0 to 0
 Snags Flt. 8 Page 1 to 2 Pilot Flt. Snags As per previous journey log pages

- Maintenance action, A.D., S/B, S/L, REO, RNIEO, M/S, STC, LSTC, etc. carried out listed below:

Service check of WALKER and carried out
As per CJV037 (change # 184078)

Date (dd / mm / yy) **NOV 15 2013**

Per CAR part VI subpart V, Section 605.10, CAR standard 625.10 and Bombardier Inc. Maintenance Policy Manual section 10.3.1, It is acceptable to defer items listed on appropriated log / form. (Refer to checked boxes above for location of open deferred / remarks items)

If none of the above flight authority is used, clarify details of flight authority used: _____

Next 400 Flt hours Insp. due at 400 hours A/C total time. Next NA hours elapse time due on NA at NA
dd mm vv Time

Time: 13:00

PAGE 15 of 16

MODEL: BD-100-1A10

(Serie Challenger 300)

SERIAL: 20428

REASON FOR THIS FLIGHT

CVR Intelligibility (Pull circuit breaker)

Pilot Initial: Completed SS Not completed ____

Aircell ATG

Pilot Initial: Completed ____ Not completed SS

PILOT SIGNATURE: [Signature]

LICENCE NUMBER: AAE4482

Transcribed from Journey Log

Authorized Signatory 12-58 [Signature]

/ Stamp



/ Date

18 NOV. 2013

PAGE 14 of 15

MODEL: BD-100-1A10

(Challenger 300)

SERIAL: 20428

Aircraft hours 11.6
Aircraft cycles 14

1003449015 SNIEO S06
SNIEO Incorporated
Strapping for EGPWS callouts as been changed to customer ID 25.

SB100-23-18 Rev. NC
SERVICE BULLETIN INCORPORATED
Modification-Satellite Communication (SATCOM) System-Installation of two Aircell Air-To-Ground (ATG) Broadband Antennas on Belly Fairing, Option (C23-425)

INDEPENDENT DUAL INSPECTIONS

Has been carried out in reference to the systems noted for flight No. 8 on B.O.I. (Break of Inspection) Page: 61, 63 and 67 in workstation LCJ330.

I hereby certify that an independent check for correct assembly, locking and sense of operation has been carried out on the flight and/or engine controls affected by the maintenance carried out at this time.

WEIGHT AND BALANCE Report Amended

Following the SB100-23-18, the weight & balance report has been amended. The new true empty weight and center of gravity is: 23594 lbs @ 607.0 inch and is based on weight and balance report number RAW-BA100-20428C REV.A.
Dated : 15/Nov/2013

B.O.I. AND SNAG PAGES

The work performed on this aircraft is detailed in the in-service/delivery control assembly, under the following B.O.I. and Snag pages:

LCJ330 B.O.I. FLT. No 8 Page 4 to 71.
LCJ330 Snags FLT. No 8 Page 1 to 2.

RNC / E-SNAG STATEMENT

For all non-conformance report complied with at this time, refer to HMS reports (non-conformance management system).
For all completion snags complied with at this time, refer to E-SNAG

SERVICE CHECK & WALK AROUND CARRIED OUT as per CAHIER DE MONTAGE # CJV037 Change # 184078.

AIRWORTHINESS DIRECTIVES

As of this date this Aircraft complies with all applicable Airworthiness Directives.

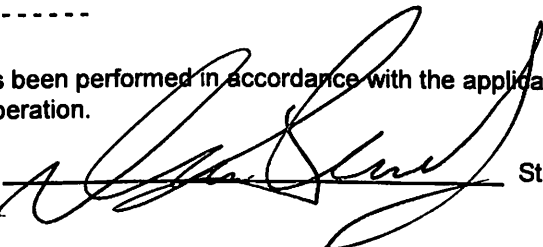
TCCA A.D., reference: Most recent A.D. #CF-2013-34

FAA A.D., reference: Biweekly issue A.D. # 2013-22

EASA A.D., reference: Biweekly Report A.D. # 23-2013

A.C.A. SIGNATORY

The above described maintenance has been performed in accordance with the applicable airworthiness requirements.
Aircraft certified in condition for safe operation.

Authorized Signatory, A.M.O. #12-58 : 

Stamp



Date

NOV 15 2013

* Must be same Stamp as one used to release work * Stamp: 

PAGE/3 of

MODEL: BD-100-1A10 (Challenger 300) SERIAL: 20428

- Export Airworthiness Certificate for United States of America issued on, 24 OCT. 2013
- Aircraft now declared in-service. While the aircraft remains under custody and control of Bombardier Inc., any work will be controlled and documented by the applicable working documents, LCJ series.
- Pursuant to C.A.R. Part VI, Subpart 5, Section 605-86, and while the Aircraft remains under custody and control of Bombardier Inc., this aircraft shall be maintained in accordance with the Approved Maintenance Schedule # **NAM-7054-BD100-001**.
- Next maintenance action due: **400 hours check and / or 6 months. A service check and walk around will be carried out or a daily inspection (DI.) per F.T.P.'s # S100-050011 & S100-050012 will be carried out for preparation for flight..**

Authorized Signatory, A.M.O. #12-58: _____

A.M.O. stamp



/date 24 OCT. 2013

MODEL: BD-100-1A10

(Challenger 300)

SERIAL: 20428

- Magnetic compass swing completed as per FTP # S100-342012 on 02-Oct-2013 with the following results with all radios on :

To fly	North	030	060	East	120	150	South	210	240	West	300	330
Steer	360	030	060	090	121	151	180	210	240	270	301	331

- The static pressure system and altimeter that were tested per F.T.P. S100-341301 meet the test requirements of CAR Part V / Airworthiness Standard 571 Appendix B and also conform to FAA regulations Part 43, App. E, as required, per FAR 91.411.

Component	Serial number	Test date	Max altitude tested
ISI	C16786006944	26-Sep-2013	45,000 FT
ADC # 1	41H948	26-Sep-2013	45,000 FT
ADC # 2	41H94T	26-Sep-2013	45,000 FT

- The Transponder system was tested per F.T.P. S100-345411 and meets the test requirements of CAR Part V / Airworthiness Standard 571 Appendix F and also conforms to FAA regulations Part 43, App. F, as required, per FAR 91.413.

Component	Serial number	Test date	Max altitude tested
ATC Transponder 1	499WM	26-Sep-2013	45,000 FT
ATC Transponder 2	4LV72	26-Sep-2013	45,000 FT

As of this date, I certify that this Aircraft, complies with all applicable Airworthiness Directives, listed in Aircraft Technical Log Section 3.

TCCA A.D. , reference: through: CF-2013-33 ,

FAA A.D. , reference: Biweekly through: 2013-20

EASA A.D. reference: Biweekly issue A.D. # 21- 2013

CAT 2, Authorized Signatory, Co. App#12-58: Suzanne Labrie /stamp  /date 20 OCT. 2013

- This confirms that the aircraft was satisfactorily flight-tested on 10-Oct-2013, and is in condition for safe operation.
- This also certifies that this aircraft, model BD-100-1A10 (Challenger 300) serial No. 20428 was manufactured in conformity with approved design data forming the basis of Canadian Type certificate No. A-234 , Canadian Type Certificate Data Sheet No. A-234 Issue 5 dated 16-Mar-2010 . Aircraft also meets FAA Type Certificate No. T00005NY and FAA Type Certificate Data Sheet No. T00005NY Rev. 6 dated 02-Oct-2007 as further detailed in statement of conformity (AI-100) as dated below. In addition to the above noted Approval Design Data, the following Supplemental Type Certificates have been incorporated during manufacturing : -STC ST02047NY Re-issued Jul/23/2009 Installation of complete customer aircraft interior. -STC ST01595LA-D Amended Mar/03/2005 Installation of control wheel lighted chart holders. -STC ST01603LA-D Issued Jun/04/2004 Installation of a service panel lighting system. -STC ST02252NY Amended Feb/16/2011 Installation of an Artex ELT C406-N with navigation interface.

CAT 1, Authorized Signatory, Co. App#12-58: [Signature] /stamp  /date 20 OCT. 2013

MODEL: BD-100-1A10

(Challenger 300)

SERIAL: 20428

Following: Interior completion ☒Exterior painting ☐Other significant modification ☐The adjusted true empty weight & center of gravity (EWCG) as per load sheet # MAW-BA100-20428 Rev A is:23 590 lbs / kgs @ 607.0 in / m.

CAT 2, authorized signatory, co. app. #12-58

/ stamp / date

Pursuant to C.A.R. Part VI, Subpart 5, Section 605.05, this confirms that production registration marks have been removed and that permanent registration marks C- and the required placards have been affixed to the aircraft.

CAT 2, authorized signatory, co. app. #12-58

/ stamp / date N/A

Block 1 / (Maintenance)

N/A**Aircraft certified in condition for safe operation. (Ref: Administrative note page 1 or page 2.) Select proper flight authority below:**Flight Authority: Appendix A (Prod test flt) ☒ Appendix B (Cust Accept. flt) ☐ Appendix C (Ferry flt) ☐ Other Flight Authority (Clarify in block 1) ☐A/C complies UP TO, TCCA AD's # CE-2013-33, FAA AD's Biweekly # 2013-20 and Other AD's # N/AA/C Released at 10:00 AM
Local Time

CAT 2, authorized signatory, co. app. #12-58

Date 15 OCT, 2013
dd mm yy

INFORMATION DE VOL / FLIGHT INFORMATION DATA

Pilot name (print) <u>Bonnichon</u>		Copilot name (print) <u>LAJOIE</u>		
Flight # <u>7</u>	Zero fuel weight <u>24085</u> Lbs (circle) Kg	Fuel at take-off <u>6550</u> Lbs (circle) Kg	Total OTHER occupants on board <u>—</u>	Total weight at take-off <u>30635</u> Lbs (circle) Kg
Point of departure <u>CUU</u>	Point of Destination <u>CUUL</u>	Take-off Time <u>1525</u>	Landing Time <u>1555</u>	A) Air time this flight <u>0.5</u>

HEURES ET CYCLES D'AERONEF / AIRCRAFT TIME AND CYCLES

Record of aircraft time		Record of aircraft cycles		
B) Previous total air time <u>11.1</u>	(A+B) = Total air time since new <u>11.6</u> (0.1 Hour equals 6 minutes)	Previous A/C cycles <u>13</u>	Cycles this flight <u>1</u>	Total A/C cycles <u>14</u>

SIGNATURE DU PILOT / PILOT SIGNATURE

Pilot signature <u>[Signature]</u>	Licence No. <u>118323</u>	Date <u>15 Oct 13</u> dd mm yy
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Transcribed from Journey Log

Authorized Signatory 12-58 [Signature]

/ Stamp



/ Date

16 OCT. 2013

PAGE 10 of 11

MODEL: BD-100-1A10

(Challenger 300)

SERIAL: 20428

Following: Interior completion ☒Exterior painting ☐Other significant modification ☐The adjusted true empty weight & center of gravity (EWCG) as per load sheet # MAW-BADO-20428 Rev A is:23590 lbs / 1070 kgs @ 607.0 in / 15.4 m.

CAT 2, authorized signatory, co. app. #12-58



/ stamp



/ date

13 Oct. 2013

Pursuant to C.A.R. Part VI, Subpart 5, Section 605.05, this confirms that production registration marks have been removed and the permanent registration marks C-_____ and the required placards have been affixed to the aircraft.

CAT 2, authorized signatory, co. app. #12-58

/ stamp

/ date

N/A13-10-13**Block 1 / (Maintenance)**N/A 13-10-13**Aircraft certified in condition for safe operation. (Ref: Administrative note page 1 or page 2.) Select proper flight authority below:**Flight Authority: Appendix A (Prod test flt) ☒ Appendix B (Cust Accept. flt) ☐ Appendix C (Ferry flt) ☐ Other Flight Authority (Clarify in block 1) ☐A/C complies UP TO, TCCA AD's # CF-2013-33, FAA AD's Biweekly # 2013-20 and Other AD's # N/A

A/C Released at

1140

Local Time

CAT 2, authorized signatory, co. app. #12-58

/ stamp



Date

13 10 13

dd mm yy

INFORMATION DE VOL / FLIGHT INFORMATION DATA

Pilot name (print) <u>J-F DEVOIS</u>		Copilot name (print) <u>S. LAJOIE</u>		
Flight # <u>6</u>	Zero fuel weight <u>24085</u> (Lbs) (circle) Kg	Fuel at take-off <u>8160</u> (Lbs) (circle) Kg	Total OTHER occupants on board <u>0</u>	Total weight at take-off <u>32245</u> (Lbs) (circle) Kg
Point of departure <u>CYUL</u>	Point of Destination <u>CYUL</u>	Take-off Time <u>1645</u>	Landing Time <u>1725</u>	A) Air time this flight <u>0.7</u>

HEURES ET CYCLES D'AERONEF / AIRCRAFT TIME AND CYCLES

Record of aircraft time		Record of aircraft cycles		
B) Previous total air time <u>10.4</u>	(A+B) = Total air time since new <u>11.1</u> (0.1 hour equals 6 minutes)	Previous A/C cycles <u>12</u>	Cycles this flight <u>1</u>	Total A/C cycles <u>13</u>

SIGNATURE DU PILOT / PILOT SIGNATURE

Pilot signature 	Licence No <u>AA384807</u>	Date <u>13 10 2013</u> dd mm yy
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Transcribed from Journey Log

Authorized Signatory 12-58

/ Stamp

/ Date 16 OCT. 2013PAGE 9 of 10

MODEL: BD-100-1A10

(Challenger 300)

SERIAL: 20428

Following: Interior completion ☒Exterior painting ☐Other significant modification ☐The adjusted true empty weight & center of gravity (EWCG) as per load sheet # MAW-BA100-20428C is:23590 lbs / — kgs @ 607.0 in / — m.CAT 2, authorized signatory, co. app. #12-58 Suzanne Labrie / stamp 75610 / date 10 OCT. 2013Pursuant to C.A.R. Part VI, Subpart 5, Section 605.05, this confirms that production registration marks have been removed and that permanent registration marks C-— and the required placards have been affixed to the aircraft.CAT 2, authorized signatory, co. app. #12-58 — / stamp — / date —**Block 1 / (Maintenance)****Aircraft certified in condition for safe operation. (Ref: Administrative note page 1 or page 2.) Select proper flight authority below:**Flight Authority: Appendix A (Prod test flt) ☒ Appendix B (Cust Accept. flt) ☐ Appendix C (Ferry flt) ☐ Other Flight Authority (Clarify in block 1) ☐A/C complies UP TO, TCCA AD's # CF-2013-32, FAA AD's Biweekly # 2013-20 and Other AD's # N/AA/C Released at 2:30 PM
Local Time

CAT 2, authorized signatory, co. app. #12-58

stamp 75610Date 10 OCT. 2013

dd mm yy

INFORMATION DE VOL / FLIGHT INFORMATION DATAPilot name (print) F. BrencéCopilot name (print) Devost

Flight #	Zero fuel weight	Fuel at take-off	Total OTHER occupants on board	Total weight at take-off
<u>5</u>	<u>24670</u> (Lbs) (circle) Kg	<u>8100</u> (Lbs) (circle) Kg	<u>3</u>	<u>32770</u> (Lbs) (circle) Kg
Point of departure	Point of Destination	Take-off Time	Landing Time	A) Air time this flight
<u>CYUL</u>	<u>CYUL</u>	<u>21:05</u>	<u>23:10</u>	<u>2.1</u>

HEURES ET CYCLES D'AERONEF / AIRCRAFT TIME AND CYCLES

Record of aircraft time		Record of aircraft cycles		
B) Previous total air time	(A+B) = Total air time since new	Previous A/C cycles	Cycles this flight	Total A/C cycles
<u>8.3</u>	<u>10.4</u> (0.1 hour equals 6 minutes)	<u>10</u>	<u>2</u>	<u>12</u>

SIGNATURE DU PILOT / PILOT SIGNATUREPilot signature [Signature]Licence No 735299Date 10 10 13
dd mm yy

Transcribed from Journey Log

Authorized Signatory 12-58 [Signature]/ Stamp 75610

/ Date

16 OCT. 2013PAGE 8 of 9

MODEL: BD-100-1A10

(Challenger 300)

SERIAL: 20428

Following: Interior completion ☒Exterior painting ☐Other significant modification ☐The adjusted true empty weight & center of gravity (EWCG) as per load sheet # MAW-BA100-20428C is:23590 lbs / kgs @ 607.0 in / m.CAT 2, authorized signatory, co. app. #12-58 Suzanne Labrie / stamp 75610 / date 10 OCT. 2013Pursuant to C.A.R. Part VI, Subpart 5, Section 605.05, this confirms that production registration marks have been removed and that permanent registration marks C- and the required placards have been affixed to the aircraft.CAT 2, authorized signatory, co. app. #12-58 / stamp / date **Block 1 - (Maintenance)****Aircraft certified in condition for safe operation. (Ref: Administrative note page 1 or page 2.) Select proper flight authority below:**Flight Authority: Appendix A (Prod test flt) ☒ Appendix B (Cust Accept. flt) ☐ Appendix C (Ferry flt) ☐ Other Flight Authority (Clarify in block 1) ☐A/C complies UP TO, TCCA AD's # CF-2013-32, FAA AD's Biweekly # 2013-20 and Other AD's # N/AA/C Released at 9:20 AM Local Time Suzanne Labrie / stamp 75610 / Date 10 OCT. 2013
CAT 2, authorized signatory, co. app. #12-58 dd mm yy**INFORMATION DE VOL / FLIGHT INFORMATION DATA**

Pilot name (print) <u>JACOBY</u>		Copilot name (print) <u>DEVOST</u>		
Flight #	Zero fuel weight	Fuel at take-off	Total OTHER occupants on board	Total weight at take-off
<u>4</u>	<u>24084</u> (Lbs) (circle) Kg	<u>9000</u> (Lbs) (circle) Kg	<u>0</u>	<u>33085</u> (Lbs) (circle) Kg
Point of departure	Point of Destination	Take-off Time	Landing Time	A) Air time this flight
<u>CYUL</u>	<u>CYUL</u>	<u>1015</u>	<u>1315</u>	<u>3.0</u>

HEURES ET CYCLES D'AERONEF / AIRCRAFT TIME AND CYCLES

Record of aircraft time		Record of aircraft cycles		
B) Previous total air time	(A+B) = Total air time since new	Previous A/C cycles	Cycles this flight	Total A/C cycles
<u>5.3</u>	<u>8.3</u> (0.1 hour equals 6 minutes)	<u>4</u>	<u>6</u>	<u>10</u>

SIGNATURE DU PILOT / PILOT SIGNATURE

Pilot signature <u>[Signature]</u>	Licence No. <u>A0288472</u>	Date <u>10-10-13</u>
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Transcribed from Journey Log

Authorized Signatory 12-58 [Signature]/ Stamp 82174/ Date 16 OCT. 2013PAGE 7 of 8

MODEL: BD-100-1A10

(Challenger 300)

SERIAL: 20428

Following: Interior completion ☒Exterior painting ☒Other significant modification ☐The adjusted true empty weight & center of gravity (EWCG) as per load sheet # MAW-BA100-20428C lev A is:23590 lbs / — kgs @ 607.0 in / — m.

CAT 2, authorized signatory, co. app. #12-58

Suzanne Labrie

/ stamp

75610

/ date

08 OCT. 2013Pursuant to C.A.R. Part VI, Subpart 5, Section 605.05, this confirms that production registration marks have been removed and that permanent registration marks C-— and the required placards have been affixed to the aircraft.

CAT 2, authorized signatory, co. app. #12-58

/ stamp

/ date

N/A 75610 08 OCT. 2013

Block 1 / (Maintenance)

75610N/A 08 OCT. 2013**Aircraft certified in condition for safe operation. (Ref: Administrative note page 1 or page 2.) Select proper flight authority below:**Flight Authority: Appendix A (Prod test flt) ☒ Appendix B (Cust Accept. flt) ☐ Appendix C (Ferry flt) ☐ Other Flight Authority (Clarify in block 1) ☐A/C complies UP TO, TCCA AD's # CF-2013-30, FAA AD's Biweekly # 2013-20 and Other AD's # N/A

A/C Released at

9:00 AM

Local Time

Suzanne Labrie

CAT 2, authorized signatory, co. app. #12-58

/ stamp

75610Date 08 OCT. 2013

dd mm yy

INFORMATION DE VOL / FLIGHT INFORMATION DATA

Pilot name (print)

Crompton

Copilot name (print)

Leach

Flight #

3

Zero fuel weight

24085
(Lbs (circle) Kg)

Fuel at take-off

10270
(Lbs (circle) Kg)

Total OTHER occupants on board

0

Total weight at take-off

34355
(Lbs (circle) Kg)

Point of departure

CHL

Point of Destination

CHL

Take-off Time

16:20

Landing Time

1750

A) Air time this flight

1.5

HEURES ET CYCLES D'AERONEF / AIRCRAFT TIME AND CYCLES

Record of aircraft time

B) Previous total air time

3.8

(A+B) = Total air time since new

5.3

(0.1 hour equals 6 minutes)

Record of aircraft cycles

Previous A/C cycles

3

Cycles this flight

1

Total A/C cycles

4

SIGNATURE DU PILOT / PILOT SIGNATURE

Pilot signature

[Signature]

Licence No.

AA 37724/

Date

08/10/13

Transcribed from Journey Log

Authorized Signatory 12-58

[Signature]

/ Stamp

82174

/ Date

16 OCT. 2013PAGE 6 of 7

MODEL: BD-100-1A10

(Challenger 300)

SERIAL: 20428

Following: Interior completion ☒Exterior painting ☒Other significant modification ☐The adjusted true empty weight & center of gravity (EWCG) as per load sheet # MAU-BA100-20428C Rev 1 is:
23413 lbs / — kgs @ 608.1 in / — m.

CAT 2, authorized signatory, co. app. #12-58

Suzanne Labrie/ stamp 75610/ date 07 OCT. 2013Pursuant to C.A.R. Part VI, Subpart 5, Section 605.05, this confirms that production registration marks have been removed and that permanent registration marks C-— and the required placards have been affixed to the aircraft.

CAT 2, authorized signatory, co. app. #12-58

/ stamp — / date —**Block 1 / (Maintenance)****Aircraft certified in condition for safe operation. (Ref: Administrative note page 1 or page 2.) Select proper flight authority below:**Flight Authority: Appendix A (Prod test fit) ☒ Appendix B (Cust Accept. fit) ☐ Appendix C (Ferry fit) ☐ Other Flight Authority (Clarify in block 1) ☐A/C complies UP TO, TCCA AD's # CF-200-25, FAA AD's Biweekly # 2013-19 and Other AD's # N/AA/C Released at 9:40 AM
Local TimeSuzanne Labrie
CAT 2, authorized signatory, co. app. #12-58/ stamp 75610Date 07 OCT. 2013
dd mm yy**INFORMATION DE VOL / FLIGHT INFORMATION DATA**Pilot name (print) HANSENCopilot name (print) DEVOST

Flight #	Zero fuel weight	Fuel at take-off	Total OTHER occupants on board	Total weight at take-off
<u>2</u>	<u>23908</u> (Lbs) (circle) Kg	<u>10110</u> (Lbs) (circle) Kg	<u>—</u>	<u>34018</u> (Lbs) (circle) Kg
Point of departure	Point of Destination	Take-off Time	Landing Time	A) Air time this flight
<u>CYUL</u>	<u>CYUL</u>	<u>1515</u>	<u>1645</u>	<u>1.5</u>

HEURES ET CYCLES D'AERONEF / AIRCRAFT TIME AND CYCLES

Record of aircraft time		Record of aircraft cycles		
B) Previous total air time	(A+B) = Total air time since new	Previous A/C cycles	Cycles this flight	Total A/C cycles
<u>2.3</u>	<u>3.8</u> (0.1 hour equals 6 minutes)	<u>2</u>	<u>1</u>	<u>3</u>

SIGNATURE DU PILOT / PILOT SIGNATUREPilot signature [Signature]Licence No A252813Date 7 10 13
dd mm yy

Transcribed from Journey Log

Authorized Signatory 12-58 [Signature]/ Stamp 82174/ Date 16 OCT. 2013PAGE 5 of 6

MODEL: BD-100-1A10

(Challenger 300)

SERIAL: 20428

Following: Interior completion ☒Exterior painting ☐Other significant modification ☐The adjusted true empty weight & center of gravity (EWCG) as per load sheet # MAW-BA100-20428C is:24413 lbs / 11070 kgs @ 608.1 in / 15.45 m.

CAT 2, authorized signatory, co. app. #12-58

/ stamp

69472

/ date

06/10/13

Pursuant to C.A.R. Part VI, Subpart 5, Section 605.05, this confirms that production registration marks have been removed and that permanent registration marks C-_____ and the required placards have been affixed to the aircraft.

CAT 2, authorized signatory, co. app. #12-58

/ stamp

/ date

N/A 06/10/13

Block 1 (Maintenance)

Aircraft certified in condition for safe operation. (Ref: Administrative note page 1 or page 2.) Select proper flight authority below:

Flight Authority: Appendix A (Prod test flt) ☒ Appendix B (Cust Accept. flt) ☐ Appendix C (Ferry flt) ☐ Other Flight Authority (Clarify in block 1) ☐A/C complies UP TO, TCCA AD's # CF-2013-25, FAA AD's Biweekly # 2013-19 and Other AD's # N/A

A/C Released at

1300 h.

Local Time

CAT 2, authorized signatory, co. app. #12-58

/ stamp

69472

Date

06 10 13

dd mm yy

INFORMATION DE VOL / FLIGHT INFORMATION DATA

Pilot name (print) <u>Hansen</u>		Copilot name (print) <u>Bonnichen</u>		
Flight #	Zero fuel weight	Fuel at take-off	Total OTHER occupants on board	Total weight at take-off
<u>1</u>	<u>23908</u> Lbs (circle) Kg	<u>10670</u> Lbs (circle) Kg	<u>-</u>	<u>34578</u> Lbs (circle) Kg
Point of departure	Point of Destination	Take-off Time	Landing Time	A) Air time this flight
<u>CYUL</u>	<u>CYUL</u>	<u>1840</u>	<u>2100</u>	<u>2.3</u>

HEURES ET CYCLES D'AERONEF / AIRCRAFT TIME AND CYCLES

Record of aircraft time		Record of aircraft cycles		
B) Previous total air time	(A+B) = Total air time since new	Previous A/C cycles	Cycles this flight	Total A/C cycles
<u>0</u>	<u>2.3</u> (0.1 hour equals 6 minutes)	<u>0</u>	<u>2</u>	<u>2</u>

SIGNATURE DU PILOT / PILOT SIGNATURE

Pilot signature: <u>[Signature]</u>	Licence No. <u>118323</u>	Date: <u>6 10 13</u> dd mm yy
-------------------------------------	---------------------------	----------------------------------

Transcribed from Journey Log

Authorized Signatory 12-58

/ Stamp



16 OCT. 2013

/ Date

PAGE 4 of 5

MODEL: BD-100-1A10

(Challenger 300)

SERIAL: 20428

Following: Interior completion ☒Exterior painting ☐Other significant modification ☐The adjusted true empty weight & center of gravity (EWCG) as per load sheet # 14W-BA100-20428C is:24413 lbs N/A kgs @ 608.1 in N/A m.

CAT 2, authorized signatory, co. app. #12-58

/ stamp

76233

/ date

6/10/13

Pursuant to C.A.R. Part VI, Subpart 5, Section 605.05, this confirms that production registration marks have been removed and that permanent registration marks C-_____ and the required placards have been affixed to the aircraft.

CAT 2, authorized signatory, co. app. #12-58

/ stamp

/ date

Block 1 / (Maintenance)

Aircraft certified in condition for safe operation. (Ref: Administrative note page 1 or page 2.) Select proper flight authority below:Flight Authority: Appendix A (Prod test flt) ☒ Appendix B (Cust Accept. flt) ☐ Appendix C (Ferry flt) ☐ Other Flight Authority (Clarify in block 1) ☐A/C complies UP TO, TCCA AD's # CF-2013-25, FAA AD's Biweekly # 2013-19 and Other AD's # N/A

A/C Released at

9.45

Local Time

CAT 2, authorized signatory, co. app. #12-58

/ stamp

76233

Date 06/10/13

dd mm yy

INFORMATION DE VOL / FLIGHT INFORMATION DATA

Pilot name (print)

Bonnichon

Copilot name (print)

DEVOST

Flight #

WTA

Zero fuel weight

23908

(Lbs)

(circle) Kg

Fuel at take-off

10670

(Lbs)

(circle) Kg

Total OTHER occupants on board

—

Total weight at take-off

34578

(Lbs)

(circle) Kg

Point of departure

Point of Destination

Take-off Time

Landing Time

A) Air time this flight

WALK AROUND

HEURES ET CYCLES D'AERONEF / AIRCRAFT TIME AND CYCLES

Record of aircraft time

B) Previous total air time

0

(A+B) = Total air time since new

(0.1 hour equals 6 minutes)

Record of aircraft cycles

Previous A/C cycles

0

Cycles this flight

Total A/C cycles

SIGNATURE DU PILOT / PILOT SIGNATURE

Pilot signature

[Signature]

Licence No.

118323

Date

06/10/13

Transcribed from Journey Log

Authorized Signatory 12-58

/ Stamp

82174

/ Date

16 OCT. 2013

PAGE 3 of 4

MODEL: BD-100-1A10

(Challenger 300)

SERIAL: 20428

- This certifies that this aircraft, model **BD-100-1A10** serial No. **20428** was assembled under the manufacturing system of Bombardier Inc. and is considered ready for the production flight testing phase.

CAT 1, Authorized Signatory, Co. App#12-58: *Hunter Leach*/stamp  /date 05 OCT. 2013

- Pursuant to C.A.R. Part VI, subpart 5, section 605.86, and until this aircraft is issued a Certificate of Airworthiness (Canadian or Export) and remains under custody and control of Bombardier Inc. This aircraft shall be maintained in accordance with FTP's **S100-050012** and **S100-050011** :daily Inspection prior to each flight, applicable storage FTP if/ when required and in accordance with Bombardier Approved Maintenance Schedule **#NAM-7054-BD100-001**
- Present true empty weight and center of gravity is: **23590 Lbs @ 607.0 In**, as per aircraft weight balance report **RAW-BA100-20428C** rev -- dated **04-Oct-2013** as presently configured.
- Pursuant to CAR 202.07 and standards 222.01, this confirms that **production** registration marks **C-GOWQ** and the required placards have been affixed to the aircraft.
- This certifies that, based on documentary evidence, the following systems, amongst others, have been tested and inspected to Bombardier Inc. Functional Test Procedures (FTP's) and are considered to meet the applicable Canadian Airworthiness Requirements:

-Compass swing: FTP # **S100-342012**-Air data: FTP # **S100-341301**-ATC transponder: FTP # **S100-345411**

A.T.C. Transponder units are strapped in relation with registration markings C-GOWQ, binary code: 1100 0000 0110 1011 1110 1101, hexadecimal: C06BED & octo: 60065755. The transponder system has been tested and inspected to meet the requirements of TCCA Standard, Chapter 571 appendix F and FAA Regulations Part 43, Appendix F as required by FAR 91.413 and found serviceable.

As of this date, I certify that this Aircraft, complies with all applicable Airworthiness Directives, listed in Aircraft Technical Log Section 3.

TCCA A.D. , reference: through: CF-2013-25,

FAA A.D. , reference: Biweekly through: 2013-19

EASA A.D. reference: Biweekly issue A.D.: 20-2013

The ELT country code for Canada is 316 and hexadecimal code for C-GOWQ is 278780D7DAFFBFF.
The ELT programming has been performed in accordance with CAR 605.38 requirements.

CAT 2, Authorized Signatory, Co. App#12-58: *Constantin*/stamp  /date 06/10/13

Administrative Note:

- A Flight Authority has been issued by Transport Canada for Bombardier Inc; as per CARs, Part V, Subpart 7, section 507.04. **PRIOR TO EACH FLIGHT:** The Operating Limitations shall be determined and notified in the appropriate box by an **AUTHORIZED INSPECTOR**; (i.e. **PRODUCTION TEST FLIGHTS: Appendix A**, **CUSTOMER ACCEPTANCE FLIGHTS: Appendix B**, **FERRY FLIGHT TO A COMPLETION CENTER: Appendix C**)

Transcribed from Journey Log

Authorized Signatory 12-58 *[Signature]*/ Stamp 

/ Date

15 OCT. 2013

PAGE 2 of 3

MODEL: BD-100-1A10

(Challenger 300)

SERIAL: 20428

1. NATIONALITY AND REGISTRATION
NATIONALITÉ ET IMMATRICULATION

CANADIAN

~~C-80WQ~~

N/300ER



2. MANUFACTURER'S NAME
NOM DU CONSTRUCTEUR

BOMBARDIER INC

3. MANUFACTURER'S SERIAL NUMBER
NUMÉRO DE SÉRIE DU CONSTRUCTEUR

20428

4. TYPE CERTIFICATE NUMBER
NUMÉRO DE CERTIFICAT DE TYPE

T00005NY

5. DATE OF MANUFACTURE
DATE DE CONSTRUCTION

October 2013

LOG SECTION:

TECHNICAL LOG

SECTION 1:

Technical Log

SECTION 2:

Record of Engine Installations

SECTION 3:

Airworthiness Directives Canada TCCA
Airworthiness Directives USA FAA
Airworthiness Directives EASA
Airworthiness Directives Foreign Country
RAL, Modsum, Kit Dwg, Other Info.
RNIEO, NIEO
STC, LSTC
SB, VSB
Major Repair or Modification Report