



Bombardier Challenger 350

Serial Number: 20855

Delivered: June 2020

Aircraft is Managed by Solairus Aviation on Behalf of its owner under
FAA Far part 91 Standards of Operation.

SPECIFICATION SUMMARY as of April 16, 2024

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SPECIFICATION SUMMARY

AIRFRAME: Bombardier Maintenance Program.

Maintenance Tracking: CAMP SYSTEMS .

Hours Since New: 892

Cycles Since New: 569

ENGINES: Honeywell HTF7000 Turbofan enrolled in Honeywell MSP GOLD.

	<u>Engine #1</u>	<u>Engine #2</u>
Serial Number:	P136849	P136850
Hours Since New:	892	892
Cycles Since New:	569	569

APU: Honeywell Allied Signal GTCP-36-150 enrolled In Honeywell MSP Gold Manufacturers S/N: P-279

EXTERIOR: Overall White with Blue Stripe fanning up the middle section of the fuselage

INTERIOR: 10 Passenger Interior with 9 cabin Passenger Seating: 3-Seat Divan & 3 x 2 Facing Seats with Pull Out Tables. The lavatory Seat is belted and certified for take off and landing. Dark Walnut wood finishes.

ADDITIONAL EQUIPMENT:

GOGO AVANCE L5 WIFI

Hydraulic Motor-Driven Generator – Secureairplane 450 Security System (Overwater Package)

Exterior Door Locks

3 Overwater Winslow Life Rafts

Lufthansa Nice Cabin Entertainment System

Pulsating Main Landing Lights

Rockwell Collins Airshow 410 World-Wide Maps

Logo Lighting

Increased Baggage Capacity

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AVIONIC EQUIPMENT LIST S/N 20855 rev 1

TYPE	MODEL	MANUFACTURER	PART NUMBER	Sum of Qty
Adaptive Flight Display	AFD-5220E	Rockwell Collins	822-1917-328	4
Air Data Computer	ADC-3000	Rockwell Collins	822-1109-020	2
Audio Control Panel	ACP-5200	Rockwell Collins	822-2171-070	2
Avance L5 (ATG 4G)	Avance L5	Aircell	P34110-002	1
Axxess Config Module	ACM	Aircell	P14126	1
Cockpit Voice Recorder (CVR)	CVR	L3 Communications	2100-1225-22	1
Data Concentrator Unit	DCU-5000	Rockwell Collins	822-1578-009	1
Database Loading Unit (DBU)	DBU-5010E	Rockwell Collins	822-3000-203	1
Distance Measuring Equipment	DME-4000	Rockwell Collins	822-1466-001	2
Emergency Locator Transmitter (ELT - with Nav capabilities)	C406-N	ARTEX	453-5060	1
External Compensation Unit (ECU)	ECU-3000	Rockwell Collins	822-1200-998	2
External Compensation Unit (ECU)	ECU-3000	Rockwell Collins	822-1200-803	1
External Compensation Unit (ECU)	ECU-3000	Rockwell Collins	822-1200-996	1
Flight Data Recorder (FDR)	FA-2100	L3 Communications	2100-2245-22	1
Flight Guidance Computer	FGC-3002	Rockwell Collins	822-1592-626	2
Flight Management System (FMS - EICAS V6.0 with V-Speeds)	FMC-6200	Rockwell Collins	822-2488-130	2
FMS Control Display Unit (CDU - EICAS V5.5C)	CDU-5200	Rockwell Collins	822-1560-106	2
GPS Clock/Chronometer	CLK	Smith Industries	2619-02-2	1
HF Antenna Coupler	HF-9041	Rockwell Collins	685-0350-002	2
HF Comm Transceiver	HF-9031A	Rockwell Collins	822-0101-002	2
HUB	SD Wifi Hub	Satcom Direct	900020	1
IAPS Environmental Controller (IEC)	IEC-3000	Rockwell Collins	822-1131-001	1
Inertial Reference Unit	IR-600	Honeywell	HG21008B03	2
Input/Output Concentrator (IOC)	IOC-4100	Rockwell Collins	822-1362-153	2
Integrated Flight Instrument System	FSU-5010	Rockwell Collins	822-1543-201	2
Integrated Standby Instrument (ISI)	ISI	THALES AVIONIQUE S.A.	C167861A02	1
Iridium Transceiver (FANS 1/A)	ICS-220A	ICG	710617-2	1
Iridium Unit (Iridium Phone syst.)	Aspire 100	Honeywell (EMS)	1492-A-3200-202	1

6/19/2020

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AVIONIC EQUIPMENT LIST S/N 20855 rev 1

TYPE	MODEL	MANUFACTURER	PART NUMBER	Sum of Qty
Lamp Driver Unit	LDU-4000	Rockwell Collins	622-9822-001	1
Maintenance Diagnostics Computer (MDC)	MDC-4110	Rockwell Collins	822-1988-104	1
Mode S Transponder (ADS-B)	TDR-94D	Rockwell Collins	622-9210-501	1
Multiscan Weather Radar Transmitter/Antenna	RTA-4114	Rockwell Collins	822-2255-001	1
Options Control Module	OCM-3100	Rockwell Collins	822-1484-229	2
Radio Altimeter Receiver/Transmitter	ALT-4000	Rockwell Collins	822-0615-206	1
Radio Interface Unit	RIU-4000	Rockwell Collins	822-1469-652	1
Radio Interface Unit	RIU-4100	Rockwell Collins	822-1590-152	1
Recorder Independent Power Supply	RIPS CVR	L3 Communications	100-2010-100	1
Remote Data Concentrator (RDC)	RDC-5000	Rockwell Collins	822-1581-003	1
Stall Protection Computer	SPC-5000	Rockwell Collins	822-1792-004	1
Synthetic Vision Computer	SVC-3000	Rockwell Collins	866-0232-010	1
Terrain Awareness Warning System (TAWS) MKV-A EGPWS	EGPWS	Rockwell Collins (Honeywell)	69000941-102	1
Traffic & Collision Avoidance System II (TCAS II Change 7.1) Receiver/Transmitter	TSS-4100	Rockwell Collins	822-2132-001	1
VHF Comm Transceiver w/8.33 kHz (voice and data)	VHF - 4000	Rockwell Collins	822-1468-390	1
VHF Comm Transceiver w/8.33 kHz (voice)	VHF - 4000	Rockwell Collins	822-1468-110	2
VOR/ILS/MKR/ADF Receiver	NAV-4000	Rockwell Collins	822-1465-001	1
VOR/ILS/MKR/ADF Receiver	NAV-4500	Rockwell Collins	822-1579-001	1
WAAS Global Positioning System (GPS) Receiver	GPS-4000S	Rockwell Collins	822-2189-100	2

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RADIO EQUIPMENT LIST S/N 20855 rev 1

TYPE	MODEL	MANUFACTURER	PART NUMBER	Approval / TSO Number (level B & D)	Class of Emission	Power	Frequency Band	Qty
Distance Measuring Equipment	DME-4000	Rockwell Collins	822-1466-001	TSO-C66c, DO-160D, DO-178B (level B & D)	DO-178B level B, DO-189, DO160D	22.4W	L Band 962-1213 MHz	2
Emergency Locator Transmitter (ELT - with Nav capabilities)	C406-N	ARTEX	453-5060	TSO-C93A, C126, DO-160C	DO-204A/183	121.5/243.0 (Rule Part 87) 406.025 (DO-204)	406.0 to 406.1 MHz	1
HF Comm Transceiver	HF-9031A	Rockwell Collins	822-0101-002	TSO-C314, 324, DO-160B, DO-178A (level B & D)	Do-160B, DO-163, DO178A paragraph 21.0	30 W Receive power/ 390 W 2.0 to 29.9999 HHZ		2
Mode S Transponder (ADS-B)	TDR-94D	Rockwell Collins	622-9210-501	TSO-C112 class 3A, 121.011, 178A (level B & D)	RTCA DO-181A, DO-144, DO-160C paragraph 21.0	250 W min and 625 W max (TX: .0090 ± 1 MHz, RX: .0300 MHz)		1
Multiscan Weather Radar Transmitter/Antenna	RTA-4114	Rockwell Collins	822-2255-001	TSO-C63c Class 7, DO-160E, DO-160F, DO-160G, DO-160H, DO-160I, DO-160J, DO-160K, DO-160L, DO-160M, DO-160N, DO-160O, DO-160P, DO-160Q, DO-160R, DO-160S, DO-160T, DO-160U, DO-160V, DO-160W, DO-160X, DO-160Y, DO-160Z, DO-160AA, DO-160AB, DO-160AC, DO-160AD, DO-160AE, DO-160AF, DO-160AG, DO-160AH, DO-160AI, DO-160AJ, DO-160AK, DO-160AL, DO-160AM, DO-160AN, DO-160AO, DO-160AP, DO-160AQ, DO-160AR, DO-160AS, DO-160AT, DO-160AU, DO-160AV, DO-160AW, DO-160AX, DO-160AY, DO-160AZ, DO-160BA, DO-160BB, DO-160BC, DO-160BD, DO-160BE, DO-160BF, DO-160BG, DO-160BH, DO-160BI, DO-160BJ, DO-160BK, DO-160BL, DO-160BM, DO-160BN, DO-160BO, DO-160BP, DO-160BQ, DO-160BR, DO-160BS, DO-160BT, DO-160BU, DO-160BV, DO-160BW, DO-160BX, DO-160BY, DO-160BZ, DO-160CA, DO-160CB, DO-160CC, DO-160CD, DO-160CE, DO-160CF, DO-160CG, DO-160CH, DO-160CI, DO-160CJ, DO-160CK, DO-160CL, DO-160CM, DO-160CN, DO-160CO, DO-160CP, DO-160CQ, DO-160CR, DO-160CS, DO-160CT, DO-160CU, DO-160CV, DO-160CW, DO-160CX, DO-160CY, DO-160CZ, DO-160DA, DO-160DB, DO-160DC, DO-160DD, DO-160DE, DO-160DF, DO-160DG, DO-160DH, DO-160DI, DO-160DJ, DO-160DK, DO-160DL, DO-160DM, DO-160DN, DO-160DO, DO-160DP, DO-160DQ, DO-160DR, DO-160DS, DO-160DT, DO-160DU, DO-160DV, DO-160DW, DO-160DX, DO-160DY, DO-160DZ, DO-160EA, DO-160EB, DO-160EC, DO-160ED, DO-160EE, DO-160EF, DO-160EG, DO-160EH, DO-160EI, DO-160EJ, DO-160EK, DO-160EL, DO-160EM, DO-160EN, DO-160EO, DO-160EP, DO-160EQ, DO-160ER, DO-160ES, DO-160ET, DO-160EU, DO-160EV, DO-160EW, DO-160EX, DO-160EY, DO-160EZ, DO-160FA, DO-160FB, DO-160FC, DO-160FD, DO-160FE, DO-160FF, DO-160FG, DO-160FH, DO-160FI, DO-160FJ, DO-160FK, DO-160FL, DO-160FM, DO-160FN, DO-160FO, DO-160FP, DO-160FQ, DO-160FR, DO-160FS, DO-160FT, DO-160FU, DO-160FV, DO-160FW, DO-160FX, DO-160FY, DO-160FZ, DO-160GA, DO-160GB, DO-160GC, DO-160GD, DO-160GE, DO-160GF, DO-160GG, DO-160GH, DO-160GI, DO-160GJ, DO-160GK, DO-160GL, DO-160GM, DO-160GN, DO-160GO, DO-160GP, DO-160GQ, DO-160GR, DO-160GS, DO-160GT, DO-160GU, DO-160GV, DO-160GW, DO-160GX, DO-160GY, DO-160GZ, DO-160HA, DO-160HB, DO-160HC, DO-160HD, DO-160HE, DO-160HF, DO-160HG, DO-160HH, DO-160HI, DO-160HJ, DO-160HK, DO-160HL, DO-160HM, DO-160HN, DO-160HO, DO-160HP, DO-160HQ, DO-160HR, DO-160HS, DO-160HT, DO-160HU, DO-160HV, DO-160HW, DO-160HX, DO-160HY, DO-160HZ, DO-160IA, DO-160IB, DO-160IC, DO-160ID, DO-160IE, DO-160IF, DO-160IG, DO-160IH, DO-160II, DO-160IJ, DO-160IK, DO-160IL, DO-160IM, DO-160IN, DO-160IO, DO-160IP, DO-160IQ, DO-160IR, DO-160IS, DO-160IT, DO-160IU, DO-160IV, DO-160IW, DO-160IX, DO-160IY, DO-160IZ, DO-160JA, DO-160JB, DO-160JC, DO-160JD, DO-160JE, DO-160JF, DO-160JG, DO-160JH, DO-160JI, DO-160JJ, DO-160JK, DO-160JL, DO-160JM, DO-160JN, DO-160JO, DO-160JP, DO-160JQ, DO-160JR, DO-160JS, DO-160JT, DO-160JU, DO-160JV, DO-160JW, DO-160JX, DO-160JY, DO-160JZ, DO-160KA, DO-160KB, DO-160KC, DO-160KD, DO-160KE, DO-160KF, DO-160KG, DO-160KH, DO-160KI, DO-160KJ, DO-160KL, DO-160KM, DO-160KN, DO-160KO, DO-160KP, DO-160KQ, DO-160KR, DO-160KS, DO-160KT, DO-160KU, DO-160KV, DO-160KW, DO-160KX, DO-160KY, DO-160KZ, DO-160LA, DO-160LB, DO-160LC, DO-160LD, DO-160LE, DO-160LF, DO-160LG, DO-160LH, DO-160LI, DO-160LJ, DO-160LK, DO-160LL, DO-160LM, DO-160LN, DO-160LO, DO-160LP, DO-160LQ, DO-160LR, DO-160LS, DO-160LT, DO-160LU, DO-160LV, DO-160LW, DO-160LX, DO-160LY, DO-160LZ, DO-160MA, DO-160MB, DO-160MC, DO-160MD, DO-160ME, DO-160MF, DO-160MG, DO-160MH, DO-160MI, DO-160MJ, DO-160MK, DO-160ML, DO-160MM, DO-160MN, DO-160MO, DO-160MP, DO-160MQ, DO-160MR, DO-160MS, DO-160MT, DO-160MU, DO-160MV, DO-160MW, DO-160MX, DO-160MY, DO-160MZ, DO-160NA, DO-160NB, DO-160NC, DO-160ND, DO-160NE, DO-160NF, DO-160NG, DO-160NH, DO-160NI, DO-160NJ, DO-160NK, DO-160NL, DO-160NM, DO-160NN, DO-160NO, DO-160NP, DO-160NQ, DO-160NR, DO-160NS, DO-160NT, DO-160NU, DO-160NV, DO-160NW, DO-160NX, DO-160NY, DO-160NZ, DO-160OA, DO-160OB, DO-160OC, DO-160OD, DO-160OE, DO-160OF, DO-160OG, DO-160OH, DO-160OI, DO-160OJ, DO-160OK, DO-160OL, DO-160OM, DO-160ON, DO-160OO, DO-160OP, DO-160OQ, DO-160OR, DO-160OS, DO-160OT, DO-160OU, DO-160OV, DO-160OW, DO-160OX, DO-160OY, DO-160OZ, DO-160PA, DO-160PB, DO-160PC, DO-160PD, DO-160PE, DO-160PF, DO-160PG, DO-160PH, DO-160PI, DO-160PJ, DO-160PK, DO-160PL, DO-160PM, DO-160PN, DO-160PO, DO-160PP, DO-160PQ, DO-160PR, DO-160PS, DO-160PT, DO-160PU, DO-160PV, DO-160PW, DO-160PX, DO-160PY, DO-160PZ, DO-160QA, DO-160QB, DO-160QC, DO-160QD, DO-160QE, DO-160QF, DO-160QG, DO-160QH, DO-160QI, DO-160QJ, DO-160QK, DO-160QL, DO-160QM, DO-160QN, DO-160QO, DO-160QP, DO-160QQ, DO-160QR, DO-160QS, DO-160QT, DO-160QU, DO-160QV, DO-160QW, DO-160QX, DO-160QY, DO-160QZ, DO-160RA, DO-160RB, DO-160RC, DO-160RD, DO-160RE, DO-160RF, DO-160RG, DO-160RH, DO-160RI, DO-160RJ, DO-160RK, DO-160RL, DO-160RM, DO-160RN, DO-160RO, DO-160RP, DO-160RQ, DO-160RR, DO-160RS, DO-160RT, DO-160RU, DO-160RV, DO-160RW, DO-160RX, DO-160RY, DO-160RZ, DO-160SA, DO-160SB, DO-160SC, DO-160SD, DO-160SE, DO-160SF, DO-160SG, DO-160SH, DO-160SI, DO-160SJ, DO-160SK, DO-160SL, DO-160SM, DO-160SN, DO-160SO, DO-160SP, DO-160SQ, DO-160SR, DO-160SS, DO-160ST, DO-160SU, DO-160SV, DO-160SW, DO-160SX, DO-160SY, DO-160SZ, DO-160TA, DO-160TB, DO-160TC, DO-160TD, DO-160TE, DO-160TF, DO-160TG, DO-160TH, DO-160TI, DO-160TJ, DO-160TK, DO-160TL, DO-160TM, DO-160TN, DO-160TO, DO-160TP, DO-160TQ, DO-160TR, DO-160TS, DO-160TT, DO-160TU, DO-160TV, DO-160TW, DO-160TX, DO-160TY, DO-160TZ, DO-160UA, DO-160UB, DO-160UC, DO-160UD, DO-160UE, DO-160UF, DO-160UG, DO-160UH, DO-160UI, DO-160UJ, DO-160UK, DO-160UL, DO-160UM, DO-160UN, DO-160UO, DO-160UP, DO-160UQ, DO-160UR, DO-160US, DO-160UT, DO-160UU, DO-160UV, DO-160UW, DO-160UX, DO-160UY, DO-160UZ, DO-160VA, DO-160VB, DO-160VC, DO-160VD, DO-160VE, DO-160VF, DO-160VG, DO-160VH, DO-160VI, DO-160VJ, DO-160VK, DO-160VL, DO-160VM, DO-160VN, DO-160VO, DO-160VP, DO-160VQ, DO-160VR, DO-160VS, DO-160VT, DO-160VU, DO-160VV, DO-160VW, DO-160VX, DO-160VY, DO-160VZ, DO-160WA, DO-160WB, DO-160WC, DO-160WD, DO-160WE, DO-160WF, DO-160WG, DO-160WH, DO-160WI, DO-160WJ, DO-160WK, DO-160WL, DO-160WM, DO-160WN, DO-160WO, DO-160WP, DO-160WQ, DO-160WR, DO-160WS, DO-160WT, DO-160WU, DO-160WV, DO-160WW, DO-160WX, DO-160WY, DO-160WZ, DO-160XA, DO-160XB, DO-160XC, DO-160XD, DO-160XE, DO-160XF, DO-160XG, DO-160XH, DO-160XI, DO-160XJ, DO-160XK, DO-160XL, DO-160XM, DO-160XN, DO-160XO, DO-160XP, DO-160XQ, DO-160XR, DO-160XS, DO-160XT, DO-160XU, DO-160XV, DO-160XW, DO-160XX, DO-160XY, DO-160XZ, DO-160YA, DO-160YB, DO-160YC, DO-160YD, DO-160YE, DO-160YF, DO-160YG, DO-160YH, DO-160YI, DO-160YJ, DO-160YK, DO-160YL, DO-160YM, DO-160YN, DO-160YO, DO-160YP, DO-160YQ, DO-160YR, DO-160YS, DO-160YT, DO-160YU, DO-160YV, DO-160YW, DO-160YX, DO-160YY, DO-160YZ, DO-160ZA, DO-160ZB, DO-160ZC, DO-160ZD, DO-160ZE, DO-160ZF, DO-160ZG, DO-160ZH, DO-160ZI, DO-160ZJ, DO-160ZK, DO-160ZL, DO-160ZM, DO-160ZN, DO-160ZO, DO-160ZP, DO-160ZQ, DO-160ZR, DO-160ZS, DO-160ZT, DO-160ZU, DO-160ZV, DO-160ZW, DO-160ZX, DO-160ZY, DO-160ZZ				

INTERIOR LAYOUT







