

2011 Challenger 300 N510AF S/N 20306

Specifications and Summary





2011 Bombardier Challenger 300 N510AF S/N 20306



OFFERED AT: \$11,495,000

AIRCRAFT HIGHLIGHTS:

Engines and APU on MSP Gold Aircraft on SmartParts Program Fortune 200 Owner Operated Part 91

STATUS As of December 30, 2016 **Airframe Total Time:** 1,933

Landings: 1,332

Engines: Honeywell AS907-1-1A

 LEFT
 RIGHT

 Total Time Since New:
 1,933
 1,933

 Cycles Since New:
 1,343
 1,343

 Serial Number:
 P-118749
 P-118750

Engine Enrolled on MSP Gold

APU: Honeywell GTCP 36-150 (BD)

Serial Number: P-419 Time Since New: 1,362

APU Enrolled on MSP Gold

WEIGHT

 MAX RAMP WEIGHT:
 39,000 Lbs.
 MAX TAKE-OFF WEIGHT:
 38,850 Lbs.

 MAX LANDING WEIGHT:
 33,750 Lbs.
 MAX ZERO FUEL:
 27,000 Lbs.

 EMPTY WEIGHT:
 23,317 Lbs.
 BOW (Over Water):
 24,114 Lbs.

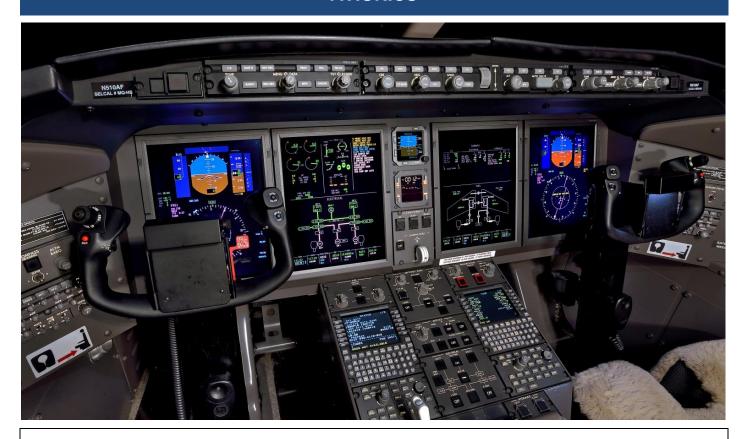
MAX USABLE FUEL: 14,150 Lbs.

CAPABILITIES

TCAS 7.1 WAAS/LPV ADS-B Out (SB-100-34-28) MNPS VNAV B-RNAV Fireblocking Dual File Servers XM Weather RVSM



AVIONICS



AVIONICS: ProLine 21 with Dual File Servers

ATITUDE HEADING REFERENCE COMPUTER: Dual Collins AHC-3000 AHRS

AIR DATA COMPUTER: Dual Collins ADC-3000 ADCs

AUTO PILOT: Dual FGC-3002 Autopilot

AUTOMATIC DIRECTION FINDER: NAV-4000 with ADF receiver

COMMUNICATIONS: Triple VHF-4000 Communication Radio with 8.33 Spacing

COCKPIT VOICE RECORDER: L3 FA2100 SSCVR Cockpit Voice Recorder (120 minutes)

DATA LINK: CMU-4000 Data Link

DISTANCE MEASURING EQUIPMENT: Dual DME-4000

ELECTRONIC FLIGHT INSTRUMENT SYSTEM: Collins ProLine 21

EMERGENCY LOCATOR TRANSMITTER: Artex C-406N ELT with Navigation Interface

FLIGHT DATA RECORDER: L3 FA2100 Flight Data Recorder

FLIGHT GUIDANCE COMPUTER: Dual FGC-3002 **FLIGHT MANAGEMENT SYSTEM:** Dual FMC-5000

GLOBAL POSITIONING SYSTEM: Dual GPS-4000S with WAAS

HIGH FREQUENCY: Dual HF-9031A with SELCAL INFORMATION FILE SERVERS: Dual IFIS File Servers NAVIGATION RADIO: Dual NAV-4000 with FM Immunity RADIO ALTIMETER: Collins ALT-4000 Radio Altimeter

TERRAIN AVOIDANCE WARNING SYSTEM: TAS-5000 TAWS

TRAFFIC COLLISION AVOIDANCE SYSTEM: TTR-4000 TCAS II w/Change 7.1 **TRANSPONDER:** Dual TDR-94D Mode S Transponder with Enhanced Surveillance

WEATHER RADAR: Collins RTA-854 Weather Radar

XM WEATHER: XMWR-1000 XM Weather



ENTERTAINMENT & COMMUNICATIONS

ENTERTAINMENT

Lufthansa Nice Cabin Management System Dual 19" LCD Bulkhead Monitors Dual DVD Players LED Cabin Lights



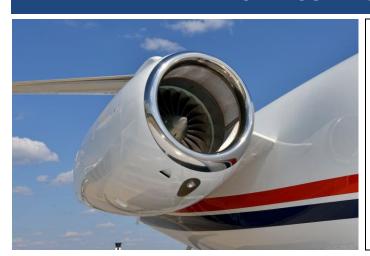


COMMUNICATIONS

Iridium ICS 200 2-Channels Flight Phone
(3) Handsets in Cockpit, Fwd and Aft Cabin
(2) 110V Outlets in Cockpit
(4) 110V Outlets in Cabin



MAINTENANCE PROGRAMS & INSPECTIONS STATUS



MAINTENANCE TRACKING & INSPECTIONS

- Maintenance tracking by CAMP
- Engines Enrolled on Honeywell MSP Gold
- APU enrolled on Honeywell MSP Gold
- Aircraft enrolled on Smart Parts
- Long Range O2 Tanks
- Data Base Loader Upgraded to the DBU 5010E
- In Service Date: March 20, 2011
- Operated Part 91

INSPECTION	LAST COMPLETED	NEXT DUE
48 Month Inspection	03/20/2015 @ 1,135 Hours	03/2019
96 Month Inspection	N/A	09/2019
192 Month Inspection	N/A	03/2027
3,200 Hour Inspection	N/A	3,200
4,200 Hour Inspection	N/A	4,200
9,600 Hour Inspection	N/A	9,600

CHALLENGER 300 TECHNICAL DATA

Cabin Height – 6.1 feet
Cabin Width: Max / at Floor Level – 7.2 feet / 5.1 feet
Internal Baggage – 106 Cu. Ft. / 750 Lbs.
Take Off Distance at Sea Level – 4,810 feet
Take Off Distance at 5,000 feet elevation – 6,860 feet
Landing Distance – 2,290 feet
Maximum Altitude – 45,000 feet

Range with 4 Pax – 3,250 NM

600 NM Flight Time – 1h26

1,000 NM Flight Time – 2h18

Long Range Cruise Speed – 459 knots

High Speed Cruise Speed – 470 knots

Fuel Consumption - 267.4 Gal/hr

Total Variable Costs per hour – \$ 1,854.87

Performance Information from ARGUS International, Inc. Information presented is model based and not necessarily specific to serial number 20306



INTERIOR Forward Cabin

INTERIOR DESCRIPTION

(Original Interior with Refurb Upper Sidewall in 2014)

This beautiful nine passenger configuration features a forward and an aft 4-place club seating.

The aircraft is equipped with a forward galley and an aft belted lavatory.



Forward Cabin looking Aft



INTERIOR Forward Cabin



Right-Hand Forward Facing Seat



Forward Cabin Looking Forward



INTERIOR Aft Cabin



Aft Cabin Looking Forward



Aft Cabin Looking Aft



GALLEY & LAVATORY





Forward Galley Aft Lavatory

FORWARD GALLEY

Microwave Large Ice Drawer Two Heated Liquid Storage Containers

AFT LAVATORY DESCRIPTION

16-G Belted Toilet



EXTERIOR

EXTERIOR DESCRIPTION

(Original paint completed by Bombardier, Montreal)

Matterhorn White with Red and Black Accent Stripes



This aircraft is being brokered by Guardian Jet, LLC. Prospective purchasers are encouraged to conduct their own independent pre-purchase inspection as Guardian Jet, LLC makes no representations as to the airworthiness of the aircraft or the accuracy of the above information. Specifications subject to verification upon inspection. Aircraft subject to prior sale.

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