

# CHALLENGER 300 SN #20428

## IDENTIFICATION

Year Mfr/Dlv:	2013 / 2013
Reg# (Hex):	N300ER (A31FC6), Expires: 2/28/30



AIRFRAME	CURRENT VALUES	FLIGHT ACTIVITY	EST. VALUES
Data Valid As of	8/19/22	8/19/22 - 8/29/25	8/29/25
AFTT (hrs):	2,246	76	2,322
Landings/Cycles:	1,225	41	1,266
Nautical Miles:		28,667	

## FEATURES

### EQUIPPED WITH

Aft Lavatory	Belted Lav
Forward Galley	Synthetic Vision System/Technology
Airframe Maintenance Program	Engine Maintenance Program
ADS-B Capable	High-Speed Data/Wifi

### STANDARD EQUIPMENT

Dual Flight Management Systems	Emergency Locator Transmitter
SATCOM	Terrain Awareness & Warning System
Traffic Collision Avoidance System	RVSM
Thrust Reversers	Auxiliary Power Unit
Winglets	Cockpit Voice Recorder
Flight Data Recorder	

## ENGINE(S): HTF7000

On Condition TBO:	Yes
Maintenance Program:	Honeywell Engines & Systems - MSP Gold

MODEL HTF7000	ENGINE 1	ENGINE 2
Serial Number	P118995	P118996
Total Time Since New (TTSNEW) Hrs	2,246	2,246
Total Cycles Since New	1,225	1,225

## APU: HONEYWELL GTCP 36-150 (BD)

Serial #:	P-544
Time Since New:	1,546 hrs
Maintenance Plan:	Confirmed on a maintenance program

## AVIONICS

ADF:	Dual Collins ADF-462
Avionics Package:	Collins Pro Line 21 Advanced
Communication Radios:	Triple Collins VHF-4000
CVR:	L3 FA2100
DME:	Dual Collins DME-4000
EFIS:	Collins 4-tube
FDR:	L3 FA2100 SSFDR
Flight Rules:	IFR
FMS:	Dual Collins FMC-6200
GPS:	Dual Collins GPS-4000S
Hi Frequency:	Dual Collins HF-9031A w/SELCAL
Navigation Radios:	Triple Collins NAV-4000
SATCOM:	ICG ICS-220A w/wired & wireless handsets
TAWS:	Honeywell Mark V EGPWS
TCAS:	Collins TSS-4100 TCAS-II w/change 7.1
Transponder:	Dual Collins TDR-94D Mode S
Weather Radar:	Collins RTA-4114

## ADDITIONAL EQUIPMENT

Cockpit:	ADS-B Out; v2, synthetic vision system, WAAS/LPV, dual Collins ADC-3000 air data computers, dual Collins ACP-5200 audio control panels, Collins DCU-5000 data concentrator unit, Collins DBU-5010E database loading unit, dual Collins CDU-5200 FMS control display units, dual Collins FSU-5010 IFIS, Thales ISIS, Artex C406-N ELT, Universal weather, enhanced map overlays, 3D navigational map
Modification:	Winglets

## INTERIOR DONE ON 2013

Configuration/PAX:	Executive/9 passengers
General:	Original interior as reported 07/08/2021
Seating:	Tan leather seating, forward & aft double club
Refreshment:	Forward galley w/TIA microwave & TIA coffeemaker
Entertainment:	Rockwell Collins Airshow 4000, dual 20-inch LCD cabin monitors, DVD/CD player, built-in iPod docking station
Business :	Gogo Biz w/ATG-5000 broadband internet & 3G Wi-Fi
Lavatory:	Belted aft lav

## EXTERIOR DONE ON 2013

Colors:	Matterhorn white w/black metallic & Vegas gold metallic stripes
General:	Original exterior as reported 07/08/2021; protective acrylic coating reapplied annually

MAINTENANCE

Maintained:	FAR Part 91
Airframe Maint Program:	Smart Parts
Airframe Tracking Program:	CAMP (Computerized Aircraft Maintenance Program)
Dam History Notes:	Aircraft encountered severe turbulence 3/3/2023 over Northhampton, MA and made an emergency diversion to Bradley International Airport.
General:	Honeywell APU is enrolled on MSP Gold. Two owners since new.

ITEMS	C/W	DUE	NOTES
192-Month Inspection:		12/21	
Entered into Service:	12/13		
96-Month Inspection:	07/21		By Bombardier, Dallas TX.
12-Month Inspection:	07/22		

UTILIZATION

UTILIZATION SUMMARY	AVG MODEL LAST YEAR	MODEL MONTHLY AVERAGE
NUMBER OF FLIGHTS	221.57	17.04
AVERAGE DISTANCE(NM)	628.80	628.80
TOTAL DISTANCE (NM)	139,324.17	10,717.24
AVERAGE FLIGHT TIME (HRS)	1.72	1.72
TOTAL FLIGHT TIME (HRS)	380.23	29.25

