



## **2013 CHALLENGER 300**



### **Highlights**

Serial Number 20403  
Registration N546AD  
2631 Hours, 1233 Landings  
10 Passenger Interior in Excellent Condition

### **Airframes & Engines**

TOTAL TIME AIRFRAME  
2631 hours

LANDINGS  
1233

Certification Date: 05-16-2013

## **2013 CHALLENGER 300**

Aircraft Home Base: Cleveland, OH (KCGF)  
Maintenance Tracking: CAMP

ENGINES  
Honeywell HTF 7000

LEFT  
Serial Number: P118951  
Total Time: 2631  
Total Cycles: 1243

RIGHT  
Serial Number: P118952  
Total Time: 2631  
Total Cycles: 1241

Engine Program Coverage: JSSI

AUXILIARY POWER UNIT  
GTCP36-150 (BD)  
Serial Number: P-516  
Total Time Since New: 2691 Hours

### **Avionics & Equipment**

This Challenger 300 features Rockwell Collins Proline 21 avionics package.

#### **Type of Units / Description / Quantity**

Integrated Standby Instrument (ISI) / Thales Avionique / Single  
Iridium Transceiver / ICG ICS-220A / Single  
Lamp Driver Unit / Rockwell Collins LDU-4000 / Single  
Maintenance Diagnostic Computer (MDC) / Rockwell Collins MDC-4110 / Single  
ADS B-Out Compliant (DO 260B) / Rockwell Collins TDR-94D / Dual  
Options Control Module (OCM) Datalink & 3D MAP / Rockwell Collins OCM-3100 / Dual  
Radio Altimeter Receiver/Transmitter / Rockwell Collins ALT-4000 / Single  
Radio Interface Unit (RIU) with CMU & SELCAL / Rockwell Collins RU-4100 / Single  
Radio Interface Unit (RIU) with SELCAL / Rockwell Collins RIU-4100 / Single

## **2013 CHALLENGER 300**

Recorder Independent Power Supply (RIPS) / L3 Communications RIPS CVR / Single  
Remote Data Concentrator (RDC) / Rockwell Collins RDC-5000 / Single  
Stall Protection Computer (SPC) / Rockwell Collins SPC-5000 / Single  
Terrain Awareness & Warning System (TAWS) / MK-VIII EGPWS Rockwell Collins (Honeywell) / Single  
Traffic & Collision Avoidance System II (TCAS) / TCAS II Change 7.1 TTR-4000 / Single  
Turbulence Weather Radar Transmitter/Antenna / Rockwell Collins RTA-854 / Single  
VHF Comm Transceiver / Rockwell Collins VHG-4000 8.33 Voice & Data / Single  
VHF Comm Transceiver / Rockwell Collins VHF-4000 with 8.33 kHz Voice / Dual  
VOR/ILS/MKR Receiver / Rockwell Collins BAV-4500 / Single  
VOR/ILS/MKR/ADF Receiver / Rockwell Collins NAV-4000 / Single  
WAAS Global Position System (GPS) Receiver / Rockwell Collins GPS-4000S / Dual  
Adaptive Flight Display (AFD) / Rockwell Collins AFD-5220E / Dual  
Adaptive Flight Display (AFD – EICAS V6.0) / Rockwell AFD-5220 / Dual  
Air Data Computer / Rockwell Collins ADC-3000 / Dual  
Attitude Heading Computer (AHC) / Rockwell Collins AHC-3000 / Dual  
Audio Control Panel (ACP) / Rockwell Collins ACP-5200 / Dual  
Cockpit Voice Recorder (CVR) / L3 Communications / Single  
Data Concentrator Computer (DCU) / Rockwell Collins DCU-5000 / Single  
Database Loading Unit (DBU) / Rockwell Collins DBU-5000 / Single  
Distance Measuring Equipment (DME) / Rockwell Collins DME-4000 / Dual  
Emergency Locator Transmitter (ELT) / ARTEX C406N with Nav Interface / Single  
External Compensation Unit (ECU) / Rockwell Collins ECU-3000 / Dual  
Flight Data Recorder (DFR) / L3 Communications FA-2100 / Single  
Flight Guidance Computer (FGC) / EICAS – V6.0 – Rockwell Collins FGD-3002 / Dual  
Flight Management System (FMS) / Rockwell Collins FMC-5000 W/V Speeds / Dual  
Flux Detector Unit (FDU) / Rockwell Collins FDC-3000 / Dual  
FMS Control Display Unit / Rockwell Collins CDU-5200 / Dual  
GPS Clock/Chronometer / Smith Industries CLK / Single  
Heat Current Monitor (HCM) / Rosemount Aerospace Inc. HTR-MON / Dual  
HF Antenna Coupler / Rockwell Collins HF-9041 / Dual  
HF Comm Transceiver / Rockwell Collins HF-9031A / Dual  
IAPS Environmental Controller (IEC) / Rockwell Collins IEC-3000 / Single  
Input / Output Concentrator (IOC) / Rockwell Collins IOC-3100 / Dual  
Integrated Flight Instrument System / Rockwell Collins FSU-5010 / Dual

### **OPTIONS**

Datalink (CDL Mode 2) with Link 2000+ and Initium Interface  
Lightning Detection System (LDS)

## **2013 CHALLENGER 300**

Enhanced Map Overlays

### **Interior & Exterior**

#### **MAIN CABIN FEATURES & ACCESSORIES**

Lufthansa NICE Cabin Electronic System  
One (1) Galley Touch Screen Panel  
One (1) VIP Touch Screen Panel  
Wireless Telephone Cabin Handset  
115V/60Hz Utility Universal Electrical Outlets  
PSU (Passenger Service Units) at each seat  
Audio Control Panel at each seat  
Two (2) Magazine Racks  
High Gloss Wood Veneer Cabinetry  
Lavatory with under-sink Vanity Cabinet

#### **ENTERTAINMENT**

Airshow 4000 Next-Gen Inflight Mapping  
DVD/CD Player  
Two (2) 20-inch LCD Monitors  
GoGo Business Aviation Avance L3 Wi Fi System

#### **INTERIOR**

The Challenger 300 interior arrangement provided accommodation for two pilots in the cockpit and then (10) passengers in the cabin (including belted lavatory). The seat belt for the lavatory has been removed per an STC from Duncan Aviation. This can be re-installed when operationally required. A new Travertine floor was installed in the entry way and Lavatory area

The cabin is divided into forward and aft compartments. In the rear of the aircraft is a vanity room/belted lavatory, which also provides cabin access to the baggage compartment.

#### **SEATING**

Forward Cabin – four (4) single seats & two (2) bi-fold retractable executive tables  
Aft left-side three (3) place Divan  
Aft right-side two (2) single seats & one (1) bi-fold retractable executive table

#### **GALLEY EQUIPMENT**

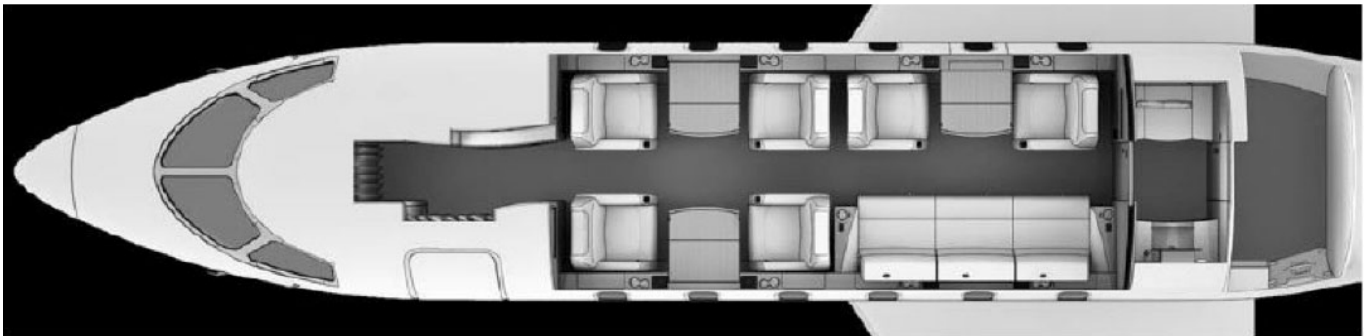
Stainless Steel Ice Drawer

## **2013 CHALLENGER 300**

Trash Compartment  
Two (2) hot liquid Containers  
Aircraft Certified Microwave-Oven  
Coffee Maker & Tray

### **NAVIGATION COMPLIANCE**

RVSM  
WAAS  
LINK 2000+ (CPDLC)  
RNP  
MNPS  
PRNAV  
ADS-B Out  
TCAS 7.1





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