

VERITY JET
GET THERE FASTER™



2023 CHALLENGER 3500
N741AS | SN 20979



2023 CHALLENGER 3500

Thanks to its class leading performance, luxurious cabin, competitive economics, robust service and support network, the Challenger 3500 is amount the most desirable super-midsize business jets on the market

PERFORMANCE DATA:

Range: (Long range cruise speed, 4 occupants @ 200 lbs, NBAA IFR Reserves)	3,400 nm
MMO (Max Operating Mach):	0.83 Mach
High Speed Cruise:	460 KTAS
Takeoff Runway Length: (MTOW, Sea Level, ISA)	4,835 ft
Landing Runway Length: (MLW, Sea Level, ISA)	2,364 ft
Maximum Operating Altitude:	45,000 ft
Maximum Takeoff Weight:	40,600 lbs
Maximum Landing Weight:	34,150 lbs
Standard Basic Operating Weight:	24,505 lbs
Useful Load w/ Full Fuel:	2,000 lbs
Maximum Useable Fuel:	14,150 lbs

* Performance data is based on a standard equipped aircraft, and is not necessarily representative of the aircraft advertised herein. Actual performance figures will vary according to the optional equipment installed.

HIGHLIGHTS:

- Proline 21 Advanced
- Auto Throttles
- Reduced Cabin Altitude
- Enhanced Galley
- ViaSat Ka-Band

INTERIOR:

Fireblocked Ten (10) passenger seats including the belted lavatory seat. The cabin features six (6) executive club seats with four (4) foldout tables, and a three (3) place divan. Cabin is arranged in a forward club, left hand aft 3 place divan and 2 right hand aft seats. Forward enhanced galley is equipped with espresso machine, wine chiller and microwave oven. The belted lavatory is located aft of the main cabin and features a belted seat.

EXTERIOR:

Solid Matterhorn White





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AIRFRAME:

Certification Authority: FAA
Certification Date: 2023
Hours/Cycles: 160/117
Traxxall Maintenance Tracking

ENGINES:

Manufacturer: Honeywell
Model: HTF7350
Overhaul TBO: On Condition
LEFT ENGINE SN P145203:
Hours/Cycles: 160/117
RIGHT ENGINE SN P145205:
Hours/Cycles: 160/117

APU:

Manufacturer: Honeywell
Model: GTCP 36-150
Serial Number: P1067
Hours: 138

Connectivity & Entertainment:

ViaSat Ka-BAND
Lufthansa Technik (LHT) Nice HD Cabin Manag.
3D Moving Map Cabin Display In-Flight System
Bluetooth Connectivity
HDMI Port
4 Charging Pads
USB Charging Ports
One 22" HD LCD Monitor



Specifications are preliminary and subject to verification upon inspection. Aircraft may be removed from the market at owner's discretion.

VERITY JET GROUP



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AVIONICS EQUIPMENT LIST

TYPE	MODEL	MANUFACTURER	PART NUMBER	Qty
Adaptive Flight Display	AFD-5220E	Rockwell Collins	822-1917-329	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	822-1578-010	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	2619-03-2	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	HG2100BB03	2
Input/Output Concentrator (IOC)	IOC-4100	Rockwell Collins	822-1362-154	2
Integrated Flight Instrument System	FSU-5010	Rockwell Collins	822-1543-201	2
Integrated Standby Instrument (ISI)	ISI	THALES	C16786LA02	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
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	RC (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	822-2189-101	2

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RADIO EQUIPMENT LIST

TYPE	MODEL	MANUFACTURE	PART NUMBER
Distance Measuring Equipment	DME-4000	Rockwell Collins	822-1466-001
Emergency Locator Transmitter (ELT- with Nav Capabilities)	C406-N	Artex	453-5060
HF Comm Transceiver	HF-9031A	Rockwell Collins	822-0101-002
Mode S Transponder (ADS-B)	TDR-94D	Rockwell Collins	622-9210-501
Multiscan Weather Radar Transmitter/ Antenna	RTA-4114	Rockwell Collins	822-2255-001
Radio Altimeter Receiver/Transmitter	ALT-4000	Rockwell Collins	822-0615-206
Traffic & Collision Avoidance System II. (TCAS II Change 7.1) Receiver/Transmitter	TSS-4100	Rockwell Collins	822-2132-001
VHF Comm Transceiver W/ 8.33kHz (Voice and Data)	VHF-4000	Rockwell Collins	822-1468-390
VHF Comm Transceiver W/ 8.33kHz(Voice)	VHF-4000	Rockwell Collins	822-1468-110
VOR/ILS/MKR/ADF Receiver	Nav-4000	Rockwell Collins	822-1465-001
VOR/ILS/MKR/ADF Receiver	NAV-4500	Rockwell Collins	822-1579-001
Iridium Unit (Iridium Phone syst.)	Aspire 1000	Honeywell (EMS)	1492-A-3200-202
Iridium Transceiver (FANS 1/A)	ICS-220A	ICG	710617-2
HUB	SD Wifi Hub	Satcom Direct	900020





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RESULTS DRIVEN, CLIENT FOCUSED

Verity Jet Group is the authority in the aircraft brokerage industry, leveraging deep market insight, expert technical acumen, and two decades of experience to maximize aviation asset values for our clients.

We believe strong customer relationships are the basis of a successful and enduring business. A boutique firm, Verity Jet Group was founded in spirit of placing client interests above all. Verity Jet Group honors a strict code of ethics, which has earned us a reputation of integrity and transparency.

Unlike many brokerages with multiple disciplines, Verity Jet Group is singularly focused on transacting aircraft. We're not generalists, rather we allocate 100% of our time and resources to mastering our craft. We invest heavily in data, technology, and intelligence, a strategy that saves our clients multiples of our fee.

