

[CLICK HERE FOR
VIRTUAL TOUR](#)

JET EVOLUTION



Dassault Falcon 50, S/N 50-57, N505TC

Dassault Falcon 50, S/N 50-57, N505TC

Balancing performance, range, and runway capabilities the Dassault Falcon 50 mid-size jet is one of the most versatile business aircraft in its class and a pioneer in high-performance. It is known to be a fast aircraft (with three engine performance), and able to land on shorter runways than other aircraft of similar size/category. The supercritical wing design and s-duct air intake for the central engine solidify this aircraft as the workhorse. Offering up to 3,200 nautical mile range, this jet was designed for transoceanic flights to Europe or trips across the entire United States.

This beautiful jet is loaded with today's most popular amenities including: six club seats, 2 place divan, private fully enclosed aft lavatory, large full-service galley.

N505TC is available immediately. Trades Welcome.
Contact Jet Evolution +1 202 706 7574,
info@jetevolutions.com

Common Nonstop Flights Include:

New York to San Francisco
 Maine to the United Kingdom
 London to Dubai

Engines on MSP

Low Hours & Cycles

3,200 NM Non-Stop Range

8 Passenger Configuration

US Based

AIRFRAME (Times/cycles as of May 12, 2023)

Since New	5,098 Hours
Since New	3,227 Landings
APU	Honeywell GTCP 36-100A
Serial Number	P-145
Hours since new	2,372 hours

ENGINES

Engine Program	Enrolled on MSP		
Model	TFE731-3D-1C w/ N1 DEEC's		
	ENGINE #1	ENGINE #2	ENGINE #2
SN	P-76297	P-76296	P-76313
Since new	5,021 hrs	5,014 hrs	5,001 hrs
Since new	3,206 Cycles	3,090 Cycles	3,188 Cycles

Specifications and/or descriptions are provided as introductory information only and do not constitute representations or warranties. Verification of specifications remain the sole responsibility of purchaser. Aircraft is subject to prior sale, lease, and/or removal from the market without prior notice.

Dassault Falcon 50, S/N 50-57, N505TC

TYPE OF UNIT	DESCRIPTION
ADC (Air Data Computers)	Dual Collins ADC-80K
ADF (Automatic Direction Finder)	Dual Collins ADF-60
Altimeter	Dual Collins ALI-80A encoding
Autopilot	Dual Collins APS-80
(COMM) Communication Radios	Dual Collins VHF-22D w/8.33 kHz spacing
CVR (Cockpit Voice Recorder)	Fairchild A100
DME (Distance Measuring Equipment)	Dual Collins DME-42
ELT (Emergency Locator Transmitter)	Artex 406
EFIS (Electronic Flight Instrument)	Universal EFI-600 4-tube
Flight Director	Dual Collins FGC-80
FMS (Flight Management System)	Dual Universal UNS-1Ew w/ Dual WAAS GPS
GPS (Global Positioning System)	Dual Trimble
HF (Hi Frequency Radio)	Dual Collins 671 w/Motorola SELCAL
MFD (Multi-Function Display)	Universal MFD-640
NAV (Navigation Radios)	Dual Collins VIR-32 w/FM immunity
Radar	Honeywell R/T 4001 Displayed on MFD 64
Radar Altimeter	Dual Collins ALT-55V
Radio Tuning Units	Dual Collins RTU-4220 w/ Flight ID
SATCOM (Satellite Communications)	Universal TT-3000 Aero M w/dual handset
TAWS (Terrain Awareness Warning System)	Universal EGPWS w/10.5
TCAS (Traffic Collision Avoidance System)	Collins TCAS-94 TCAS-II w/change 7.1
Transponders	Dual Collins TDR-94D Mode ES, Flight ID, ADS-B
Weather Radar	RCA Primus 400 color

ADDITIONAL EQUIPMENT:

Thrust Reverser

SSDTU: Universal Solid Data Transfer Unit (USB)

Dual Davtron Clocks

Angle of Attack Indicator

Feeder Tank Emergency Transfer

Windshield Fairing

Cabin Door Upgrades

Cockpit Window Upgrade

Battery GPU Charging

Dry Bay Mod

Dual Jet Emergency Power Supplies

Engine Start EFIS Protection

CERTIFICATIONS:

ADS-B OUT COMPLIANT

WAAS/LPV coupled approach approved

MNPS/HLA, P-RNAV, RNP-10, RNP-4

RVSM

Dassault Falcon 50, S/N 50-57, N505TC



JET EVOLUTION



Specifications

INTERIOR

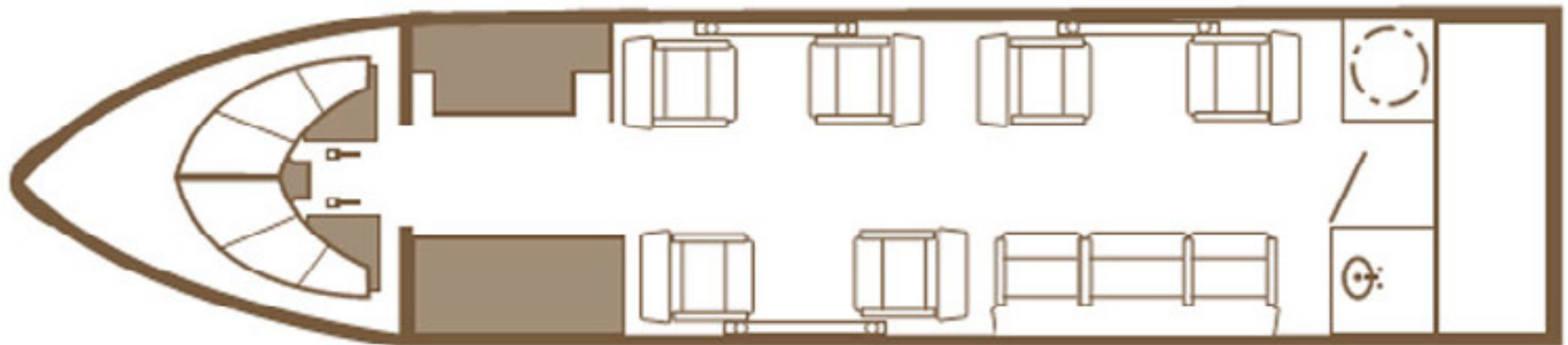
	DESCRIPTION
Number of Passengers	8 passengers
Crew Jumpseat	Cockpit jumpseat with custom worktable
Configuration	Fireblocked, light gray leather seating, forward 4-place club w/high backs and pull-out tables, aft 2-place fabric divan opposite 2-place club w/high-backs and pull-out table, light gray ultrasuede headliner, medium gray wool carpet, oak burl woodwork.
Galley	Large forward galley w/microwave, hot cup & dual hot liquid containers
Lavatory	Aft lav w/sink & mirrored vanity
Entertainment	Airshow 400 a/aft 15-inch bulkhead monitor

EXTERIOR

	DESCRIPTION
Colors	Matterhorn white w/medium gray & burgundy accent stripes

WEIGHTS

Max Take Off Weight	40,780 lbs.
Max Landing Weight	35,715 lbs.
Basic Operating Weight	22,200 lbs.
Max Fuel Weight	15,520 lbs.
Payload at Max Fuel	1,380 lbs.



Dassault Falcon 50, S/N 50-57, N505TC

N505TC's cabin is for 8 passengers with a fully enclosed lavatory to provide the utmost privacy during your flight. Measuring 23'5" long x 6'1" wide x 5'9" tall, passengers can enjoy 834 cubic feet of room to freely move around and stay fresh during long flights.

It features both internal and external storage, with an external compartment large enough to accommodate objects 8 feet long, ideal for surfboards, ski/sporting gear, photo & video equipment, instruments/DJ equipment/shellcases, firearms, and a variety of unique, yet essential items.



Dassault Falcon 50, S/N 50-57, N505TC



Dassault Falcon 50, S/N 50-57, N505TC



Dassault Falcon 50, S/N 50-57, N505TC



MAINTENANCE HIGHLIGHTS

- 2C Inspection c/w March 2018, next due March 2024
- Landing Gear Overhaul c/w 2015, next due 2027
- High Service Bulletin Status
- Exceptionally Well Maintained
- FAR 91 Operated
- Engines on MSP



PERFORMANCE SUMMARY:

Ferry Range:	3,200 NM
Seats Full Range:	3,057 NM
Normal Cruise Speed:	432(knots)
Balanced Field Length:	4,875 Feet
Landing Distance:	2,673 Feet
Service Ceiling:	49,000 Feet

Average Fuel Usage Per Hour:	343 Gallons
Cabin Volume:	834 Cu Ft
Cabin Height:	5'10"
Cabin Width:	06'01"
Cabin Length:	23'6"
Total Baggage Capacity:	115 Cu Ft

*Consideration must also be given to, but not limited to passenger weights, baggage weight, winds, runway conditions, temperature, and airport elevation.

**Please contact us to discuss how we can
best serve your aviation needs:**

Sam Houston
Samuel@jetevolutions.com
+1 407-484-4327

Justin Jenkins
Chief Executive Officer
justin@jetevolutions.com

JETEVOOLUTIONS.COM +1 (202) 706-7573