



Exceptional corporate owned and operated two owner since new Falcon 2000 with Fortune 100 ownership history since new through February 2018 loaded with options! USA owned and operated since new, ADS B OUT/IN compliant, Upgraded to PROLINE 21 in 2012 with charts and XM weather, MSP GOLD on engines and APU, GOGO BIZ 5000 WIFI and SAT PHONE, Exceptional maintenance history. This is a one of a kind Falcon 2000 ready for service. Available for sale or shares within our exclusive JET CLUB powered by Flight Solutions. Call today to learn more about this Falcon 2000 and how it can change the way you travel!

Aircraft Overview

Price: Make Offer!
Sale Type: For Sale, Trade,

Year: 2002
Manufacturer: Dassault
Model: Falcon 2000
S/N: F2TH0141
Registration: N54J

TTAF: 6875
Total Landings: 4422

Engine #1 Details

Type: Allied Signal / GE
S/N: P105433
Cycles SNEW: 4260
SHSI: MSP GOLD (2500)
TTSN: 6603
SMOH: MSP GOLD (5000)

Engine #2 Details

Type: Allied Signal / GE
S/N: P105431
Cycles SNEW: 4326
SHSI: MSP GOLD (2500)
TTSN: 6738
SMOH: MSP GOLD (5000)

APU

- Honeywell GTCP 36-150(F2M) Serial #: P271 Time Since New: 2492 hrs / 5108 cycles / over hauled February 2018
- Honeywell GTCP 36-150(F2M) APU is enrolled on MSP Gold

Avionics

- PROLINE 21 UPGRADE:
- ADS B RVSM Equipped
- ADF: Dual Collins ADF-462

- AHRS: Collins AHC-3000A
- Autopilot: Collins APS-4000 w/FADEC Mach Hold
- Avionics Package: Collins Pro Line 21
- Communication Radios: Dual Collins VHF-422A w/8.33 spacing
- CVR: Honeywell SSCVR
- DME: Dual Collins DME-442
- EFIS: Collins 4-tube w/AFD-3010E
- Flight Director: Collins FD-4000
- FMS: Dual Collins 6100
- GPS: Collins GPS-4000S
- Hi Frequency: Dual Collins HF-9000 w/Coltech SELCAL
- IRS: Honeywell LASEREF IV
- Navigation Radios: Dual Collins VIR-432 w/FM Immunity
- Radar Altimeter: Dual Collins ALT-55B
- SATCOM: AirCell Axxess Iridium
- TAWS: Honeywell Mark V w/wind/shear detection
- TCAS: Dual Collins TCAS-II w/change 7.1
- Transponder: Collins TDR-94D
- Weather Radar: Collins TVVR-850
- RNP-10, RNP-5, RVSM

Equipment

- Aft Lavatory Externally-Serviceable Lav
- SATCOM Cockpit Voice Recorder
- 8.33 channel spacing FM immunity
- Terrain Awareness & Warning System Engine Maintenance Program
- Traffic Collision Avoidance System High-Speed Data
- ADS-B RVSM

Additional Equipment

- Cockpit:** WAAS/LPV, ADS-B Out, dual Collins FSU-5010 IFIS file servers, Collins OVI-5000 enhanced mapping overlay, Meggitt secondary flight display, Collins XMWVR-1000 XM weather receiver, dual Collins ADC-850C air data computers, Socata 97 406 MHz ELT, AirCell ST-3100 handset

- Crew Accessories:** Collins ECH-5000 electronic charts
- Equipment:** Stage III compliant, telescopic tow bar, GDS Aero stainless steel APU firewall mod, upgraded EROS MF-10 (full face) oxygen masks
- Lights:** LED

Interior

Rating: 7
Configuration/PAX: Executive/8 passengers
General: Partial interior refurbishment 02/2013 by Weststar Aviation, East Alton, IL
Seating: Frosted taupe leather seats, forward 4-place club seating group w/180 degree swivel, tracking, recline & adjustable head & arm rests, aft 4-place dining group opposite 2-place non-belted side-facing divan, third flight deck seat (certified for takeoff & landing)
Headliner: Desert cockpit & cabin headliners
Refreshment: Galley w/hot & cold water w/12-inch sink, cold storage chest & china cabinet
Cabinetry/Wood: Aft RS credenza
Entertainment: Audio International CD & DVD players w/infrared controllers, Rosen cabin video monitors, Airshow cabin display
Business: AirCell Gogo Biz w/ATG-5000 broadband internet w/Text & Talk, dual AirCell ST-3100 handsets
Accessories: LED lighting, sand window panels & shades, medium gray exits
Lavatory: Aft lav w/electric-externally-serviceable lav

Exterior

Rating: 7
Completed by Weststar Aviation, East Alton, IL on 01/2009. Colors: Jet GLO Matterhorn white w/heritage red & black tar striping; medium gray exits.

Inspection Details

Type: 4A+ inspection
Date: June 10, 2018
Converted to the new maintenance planning document (MPD) program:
Maintenance tracked by FLIGHT DOCS computerized tracking.
APU: Honeywell GTCP 36-150(F2M) Serial #: P271 Time Since New: 2483 hrs / 5088 cycles / over hauled February 2018 Honeywell GTCP 36-150(F2M) APU is enrolled on MSP Gold w/4732 CSN as reported 05/22/2017. C/3C inspection due 02/2019. 2C inspection due 02/2025. 4A+ inspection due 06/2020. 2B inspection due in 2025. B inspection due at 7408TT. Wing Dry Bay Modification c/w 02/2013. Fortune 100 owned & operated.

** Please request a maintenance status report for a full maintenance summary on aircraft **

Damage History

No known damage history.

Disclaimer

The offer for sale of this aircraft is subject to contract and the aircraft may at any time be withdrawn from the market without prior notice. Specification is subject to verification by the purchaser and is not guaranteed for accuracy and Buyer should rely on their inspection as all aircraft are sold "as is, where is".

General Characteristics

It was a bit surprising when Dassault, a French company known for high standards of performance and technological advancement, announced that their next jet would be optimized for economy. Fortunately, they managed to create the Falcon 2000 without sacrificing their usual high standard of excellence. The Falcon 2000 is a private jet with a large cabin, transcontinental range, and fast cruise speeds. It can easily complete nonstop flights such as trips from Miami to Seattle or from Boston to San Francisco. (continued...)

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(continued...) The cabin of the Dassault Falcon 2000 has a volume of 1,024 cubic feet and usually seats between eight and twelve passengers. A seating arrangement for as many as 19 passengers can be implemented, if necessary. In the standard eight-to-twelve seating arrangement, two seats can stretch out flat and combine so that passengers can actually lay down for a nap, just as they would do in a bed. True to the French sense of style, a wide variety of interior decorating options are available – for example, there are eighteen different metal finishes just for the bathroom sink alone. 134 cubic feet of baggage space is available, which can hold a maximum weight of 1,600 pounds.

Two CFE738 axial-centrifugal flow engines supply the power for the Falcon 2000EX. They provide 5,918 pounds of thrust apiece, and are flat-rated to improve runway performance at high altitudes and temperatures. At sea level, the Falcon 2000 can take off in 5,436 feet, but needs 7,656 feet of runway at an altitude of 5,000 feet and a temperature of 77°F.

The Falcon 2000's high speed cruise is 479 knots at 39,000 feet and its long range cruise is 417 knots at 43,000 feet. It climbs to 37,000 feet in nineteen minutes. While carrying eight passengers, it can fly 3,450 miles (3,000 nautical miles) at .80 Mach. Its cabin is rated to 8.8 psi, meaning it can maintain a sea level cabin at 25,300 feet.

Another earmark of Dassault's private jets is that they are easy to maintain. This jet comes with fault monitoring and digital diagnostic systems, which help the mechanic in troubleshooting and repair work. Most parts of the airplane are positioned to be easy for mechanics to reach. The Falcon 2000 was designed to spend as little downtime in the shop as possible.

The Falcon 2000 was the first private jet that Dassault designed without a physical model. Its design was completely digital, created by Computer Aided Three-dimensional Interactive Application (CATIA) software. This software helped improve aerodynamic structure and simplified the airplane's systems.

The Falcon 2000 uses the Collins Pro Line 4 fully integrated avionics suite. It centers around four 7.25x7.25 inch display screens. The avionics system was designed to be as functional and simple as possible. Systems are grouped by function, and displays screens are close to the functions they control. The system comes standard with an Allied Signal GNS-XES FMS (Flight Management System), a Collins TWR-850 Doppler weather radar, and a dual channel Integrated Avionics Processor System (IAPS).

Dassault made a lofty promise when they announced their plans for an economical jet that would still measure up to their standards of excellence – and delivered on it. Few other private jets can complete trips of 3,450 miles at .80 Mach with eight passengers. For that matter, few jets offer as much passenger comfort as does the Falcon 2000, like seats that can be configured into beds. In summary, the Falcon 2000 is a solid private jet with high capabilities and great performance – a good option all around.

Performance Ranges (Full Seats/Full Fuel)
Airport Performance/Takeoff Distance.

Takeoff at Sea Level, feet 5,436 • Takeoff at 5000' 25°C, feet 7,656 • Landing Distance, feet 2,579 • Certified Ceilings, feet 47,000 • Fuel Consumption, gallons per hour 283 • Total Variable Cost \$1,943
High Speed Cruise, knots 479 • Ranges, Four Pax, Nautical Miles (NM) 3,052 • 600 NM Mission, Flight Time 1+27 • 1000 NM Mission, Flight Time 2+20

