



## **2000 Dassault Falcon 50EX**

**N504MS - S/N 301**

**TOTAL TIME:** 4509

**LANDINGS:** 3146

<b>ENGINES:</b>	<b>#1</b>	<b>#2</b>	<b>#3</b>
<b>SNEW:</b>	<b>4278</b>	<b>4125</b>	<b>4227</b>
<b>CYCLES:</b>	3004	2870	2960

<b>SERIAL NUMBER:</b>	115223	115262	115260
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**NOTE:** 1) Engines: TFE 731-40-1C  
2) MPI Interval for Engines is 2500 hours

**ENGINE PROGRAM:** Engines are enrolled in Honeywell MSP.

**APU:** (Honeywell GTCP36-100A)

**SNEW:** 2520

**SERIAL NUMBER:** P- 374

**APU is enrolled in Honeywell MSP**

**AVIONICS:** (Collins Pro Line 4 Avionics System w/ 4-Tube EFIS)

**COMMUNICATIONS:** (3) Collins VHF 422C with 8.33 spacing

**NAVIGATION:** (2) Collins VIR 432

**AUTOPILOT / FLIGHT DIRECTOR:** Collins APS-4000 Autopilot and FCC4009

**EFIS:** Collins ProLine 4

**RADAR:** Collins TWR-850 with dual control panels

**TRANSPONDER:** Collins TDR 94D with Mode S and Enhanced Flight ID

Falcon 50EX, N504MS, Continued

<b>AUTOMATIC DIRECTION FINDER:</b>	Collins ADF 462
<b>DISTANCE MEASURING:</b>	(2) Collins DME 442
<b>RADIO ALTIMETER:</b>	(2) Collins ALT 55B with dual antenna
<b>FLIGHT MANAGEMENT SYSTEM:</b>	(3) Collins FMC 6100 w/dual Collins GPS 4000
<b>LONG RANGE NAVIGATION:</b>	(2) Honeywell Laseref
<b>AHRS:</b>	(2) Honeywell LAZEREF IV / Collins AHS-85E
<b>AIR DATA COMPUTER:</b>	(2) Collins ADC-850F
<b>TCAS:</b>	Collins TCAS 94 (TCAS II with Change 7)
<b>EGPWS:</b>	Honeywell (Allied Signal) EGPWS Mark V
<b>HIGH FREQUENCY RADIO:</b>	(2) Collins HF-9000
<b>SELCAL:</b>	Coltech (2 channel)
<b>LIGHTNING DETECTION:</b>	BF Goodrich WX-1000E Stormscope
<b>ELT:</b>	Socata 406 ELT
<b>FLIGHT DATA RECORDER:</b>	Provisions Only
<b>COCKPIT VOICE RECORDER:</b>	Honeywell (Allied Signal) SSCVR
<b>AFIS:</b>	Allied Signal SATAFIS with Skyprinter
<b>FLIGHT DECK AUDIO:</b>	Dual Baker B1045 with Observer Interphone
<b>EVAS:</b>	Pilot and Copilot side
<b>STANDBY FLIGHT DISPLAY:</b>	Meggitt

**ADDITIONAL EQUIPMENT:**

**RUNWAY AWARENESS & ADVISORY SYSTEM**

Teledyne Magnastar C-2000 Telephone System w/ 1Cockpit, 2 Cabin Handsets

2 eachPC Fax/Data Ports

Triple baker Audio Panels

Baker 4000 Auto Cabin Briefing System

Meggitt Secondary Flight Display

EVAS

110V AC Cabin Inverter

Iridium Satellite Phone

Sharp FO-375 Fax/Copier

Pulse Light System

Devore Logo Lights

Securaplane Ultra-Lite

Airshow Network with IR Remote

Baker 1050 Entertainment Center

(1) 14" forward bulkhead Monitor

(2) 5.6" Rosen removable Cabin Monitors with (3) cabin receptacles

CD Audio Player

DVD Player

Convection Oven

Coffee Maker

Falcon 50EX, N504MS, Continued

**CAPABILITIES:**

**8.33 kHz Channel Spacing for Comms**

**FM Immunity**

**RVSM**

**MNPS, RNP 5 & 10**

**WEIGHTS:**

**MAX RAMP WEIGHT:** 40,780 Lbs.

**MAX TAKE-OFF WEIGHT:** 40,780 (SB 161)

**MAX LANDING WEIGHT:** 35,715 Lbs.

**MAX ZERO FUEL:** 25,570 Lbs.

**EMPTY WEIGHT:** 21,675 Lbs.

**BOW (Over Water):** 22,423 Lbs.

**MIN FLIGHT WEIGHT:** 18,959 Lbs.

**MAINTENANCE & INSPECTIONS:**

- Maintenance Tracking by CAMP
- Maintained using the Dassault Falcon OCIP Program

**INSPECTION LAST COMPLETED - NEXT DUE**

C (6yr) Inspection Aug 2006 – Due Aug 2012

6 Year Gear Dimensional Check Aug 2006 – Due Aug 2012

OCIP Block 86 10/31/07 N/A

OCIP Block 87 N/A 11/31/07

GEAR OVERHAUL Due 2012

**INTERIOR:** (Original Interior, Completed at Dassault Falcon Little Rock)

9 Passenger Interior that includes a forward jump seat, Forward Galley and Aft Lavatory Configuration w/ 4-place Forward Club, One aft 3-place Divan and Two aft Seats in Club Configuration. Headliner is Izit Leather in Almond color. The cabin seats are Ash colored leather. The three place divan is covered in platinum fabric with a shadowbox pattern. The upper sidewalls feature a pearl color with a Strie Dots pattern. The carpet is taupe featuring a center geometric pattern. All hardwood is Mahogany and the wood veneer is a closed grain, hi-gloss Plum Pudding Mahogany. Cabinetry and woodwork is finished in Light Mahogany with nickel hardware.

**EXTERIOR:** (*New Paint Midcoast Aviation January, 2010*)

Pratt & Lambert Jet-Glo White base Blue and Grey Stripes



**Exterior Side**



**Exterior Side**



**Exterior Tail**



Cockpit



**Galley**



**Interior Forward**





**Interior Aft**



**Interior Aft**



**Lavatory**

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