



EMPIRE AVIATION

**2007 Falcon 2000EX EASy**

**S/N: 117 | Reg: VT-VLN**





*Specifications Subject to Verification Upon Inspection*



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**Airframe / Engines / APU**

Airframe: 5,117 Hours Since New / 2,987 Landings Since New (as of August 2017)  
Home Base: Chennai, India (VOMM)

Engines:	<u>Left</u>	<u>Right</u>
Serial Number:	PCE-CF0258	PCE-CF0259
Hours Since New:	4,758.06	4,778.06
Cycles Since New:	2,733	2,787
Engine Model:	<b>Pratt &amp; Whitney PWC308C</b>	
Engine Program:	<b>Enrolled on ESP Gold</b>	

APU: Honeywell GTCP36-150(F2M) / s/n: P-472 / 5,139 Hours / Enrolled on MSP Gold

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**Highlights**

-EASy II	-9 Passenger Configuration
-FANS 1/A, CPDLC, ADS-B Out, TCAS 7.1	-Wing Tank (Dry Bay) Modification SB
-Engines Enrolled on P&W ESP Gold	-Painted July 2013
-Avionics Enrolled on Honeywell HAPP Program	-Partial Interior Refurbishment July 2013
-Next C Inspection due June 2019	

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**Maintenance**

<b><i>Inspection</i></b>	<b><i>Interval</i></b>	<b><i>Last C/W</i></b>	<b><i>Next Due</i></b>
1A+	8 Months	July 2017	March 2018
2A+	16 Months	July 2017	November 2018
4A+	32 Months	April 2016	November 2018
Z	24 Months	July 2017	June 2019
1B	1,600 Hours	at 4,693 Hours	at 6,293 Hours
2B	3,200 Hours	at 3,223 Hours	at 6,423 Hours
3B	4,800 Hours	at 4,693 Hours	at 9,493 Hours
4B	6,400 Hours	n/a	at 6,400 Hours
1C	72 Months	July 2013	July 2019
2C	144 Months	n/a	June 2019
3C	216 Month	n/a	June 2025

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## **Avionics**

- Honeywell Primus Epic – Falcon EASy II Avionics Suite
  - Dual Honeywell TR-866B VHF Communication
  - Third Honeywell TR -866B VHF Data Radio
  - Dual Collins HF-9000 High Frequency Communications
  - Dual Honeywell AV-900 Flightdeck Audio
  - Third Honeywell AV – 900 Flight Deck Audio
  - Emergency Locator ELTA ADT-406
  - Dual Honeywell NV-875A VOR/ILS/Marker
  - Dual Honeywell DF-855 ADF
  - Dual Honeywell GPS
  - Dual Honeywell Flight Management System
  - Honeywell Primus 880 Weather Radar
  - Dual Honeywell DM-855 DME
  - Dual Honeywell XS-857A ATC
  - Honeywell RT-300 RA
  - Dual Honeywell AZ-200 Air Data
  - Standby Magnetic Compass Smiths
  - Secondary MEGGITT MK2 Flight Display
  - Dual Honeywell Laseref V Micro Inertial Reference Unit (MIRU)
  - Honeywell SSCVR Cockpit Voice Recorder (5 Hour)
  - Honeywell SSFDR Flight Data Recorder - 88 parameters
  - Main Batteries Charging with GPU
  - Honeywell EGPWS Module
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## **Additional Features**

- Wing Tank (Dry Bay) Modification Service Bulletin SB F2000EX-171R
  - RNP 10, P-RNAV, B-RNAV/RNP 5 Capable
  - Pratt & Whitney Engine Data Transmission Unit (DTU) System
  - 230 VAC 50 HZ Power – KGS Electronics SB120A (1200 VA) Static Inverter
  - Main Batteries Charging with Ground Power Unit
  - Life Raft: Dual Winslow Each One for 9 Person Equipped 406ELT
  - Honeywell LSS\_860 Lightning Sensor System
  - Thrane & Thrane Aviator 700D Satcom
  - Miltope TP-4840 Flightdeck Printer
  - Enlarged Oxygen Bottle (115 cu. Ft.)
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## **Notable Service Bulletins**

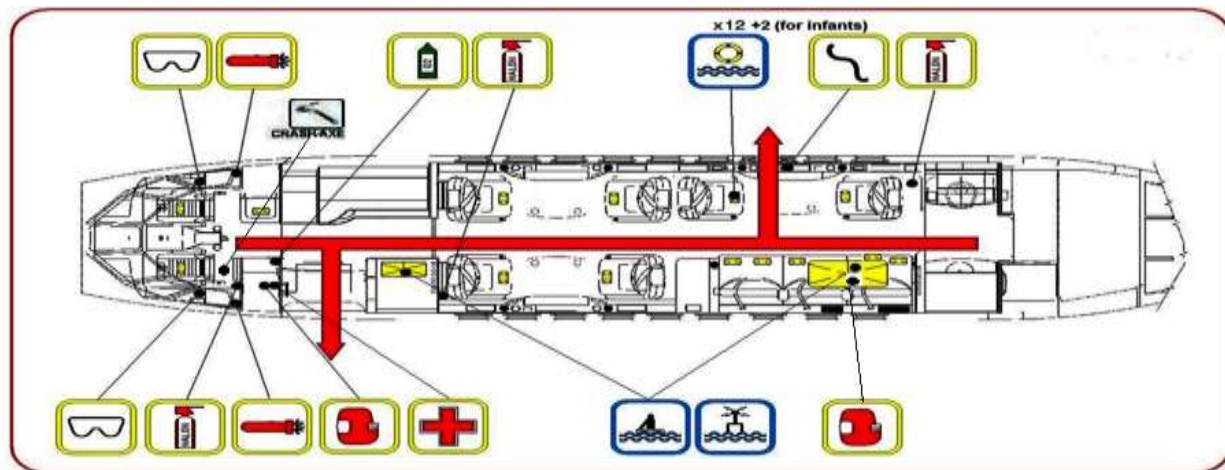
- F2000 EX 299 Rev 1 - ELECTRICAL POWER - EASY II - WIRING CAPABILITY FOR EASY II
  - F2000 EX 300 Rev 3 - GENERAL - ENHANCED AVIONICS SYSTEM EASY II
  - F2000EX-301 - NAVIGATION - EASY II - ENHANCED NAVIGATION WITH LOCALIZER PERFORMANCE WITH VERTICAL GUIDANCE (LPV)
  - F2000 EX 302 - NAVIGATION - EASY II - AUTOMATIC DEPENDENT SURVEILLANCE - BROADCAST OUT (ADS-B OUT)
  - F2000EX- 308 - CPDLC ATN-B1
  - F2000EX- 309 - CPDLC FANS 1A
  - F2000EX- 310 - VHF COMMUNICATION - INSTALLATION OF VDR 3 MODULE CAPABLE OF VDL MODE 2
  - F2000EX-294 REV I - SATCOM SYSTEM - THRANE AND THRANE AVIATOR 700D
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## **Exterior**

- Overall JET GLO Matterhorn White with JET GLO Egyptian Stripes
  - Painted July 2013 by TAG Aviation, Geneva, Switzerland
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## **Interior**

- 9 Passenger Configuration; Forward Four Place Club, RH Aft Two Place Club, Aft LH Three Place Divan
- Jump Seat
- Partial Refurb in July 2013 at TAG Aviation, Geneva



### ***Forward Galley***

- TIA WAVEJET 28 VDC Microwave Oven with Digital Controls
- Starr STDS-VT-24C Hot Cup with Control Switches
- TIA 1545-9 High Temperature Oven



***Entertainment***

- Collins Airshow 4000
  - Forward Honeywell 20" LCD Monitor
  - Aft Honeywell 15" LCD Monitor
  - Four Rosen LCD Plug-in Monitors with 9G Locking Arms
  - DVD Player
  - Auxiliary Cabin Audio/NTSC Video Interface
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