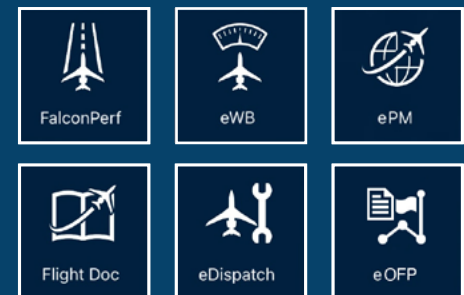




# FalconSphere

PREPARING AND EXECUTING YOUR MISSION  
HAS NEVER BEEN SO EASY



# FalconSphere

Preparing and executing your mission has never been so easy

## SUMMARY

1



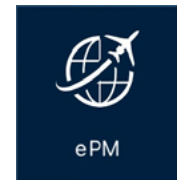
**FALCONPERF/**  
Takeoff and  
Landing  
Performance

2



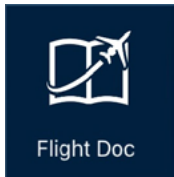
**eWB/**  
Weight &  
Balance

3



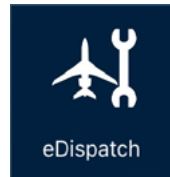
**ePM /**  
Flight Planning  
and Cruise  
Performance

4



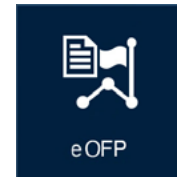
**FLIGHT DOC/**  
Documentation

5

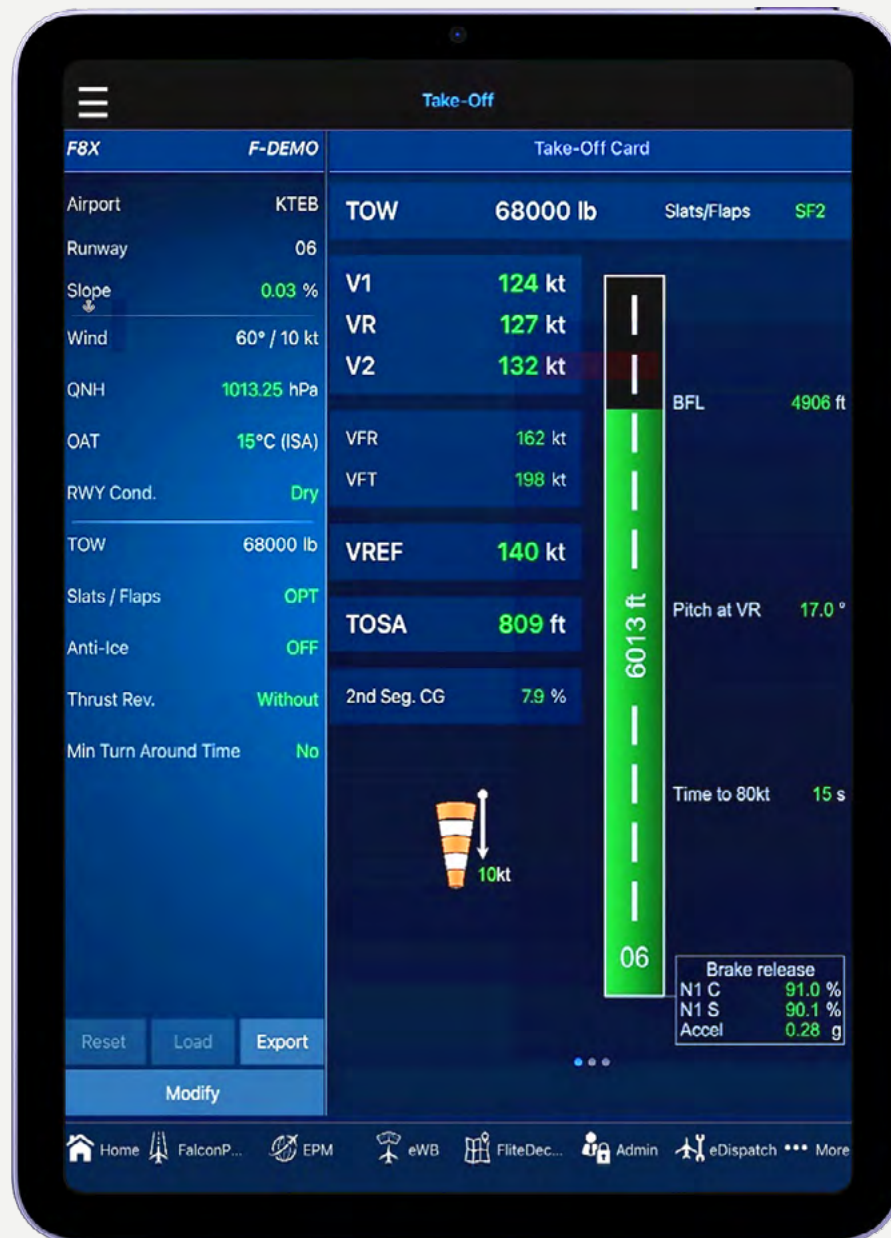


**eDISPATCH/**  
Dispatch

6



**eOFP/**  
Electronic  
Operational  
Flight Plan <sup>(1)</sup>



FalconPerf is the only OEM-approved solution, usable for daily operations, including at challenging airports.

### Key Features:

- ▶ Features genuine Dassault performance data
- ▶ Fully compliant with AFM
  - Runway condition codes
  - Landing distance at time of arrival
  - Clearway/stopway benefits
  - Steep approach and grooved runway landing performance at London City
- ▶ Includes a worldwide database (airports, obstacles, and one-engine inoperative procedures)

Available for: All Falcon EASy models



TRY IT HERE







**eWB is the OEM solution for easier, more reliable, and optimized W&B computation.**

### Key Features:

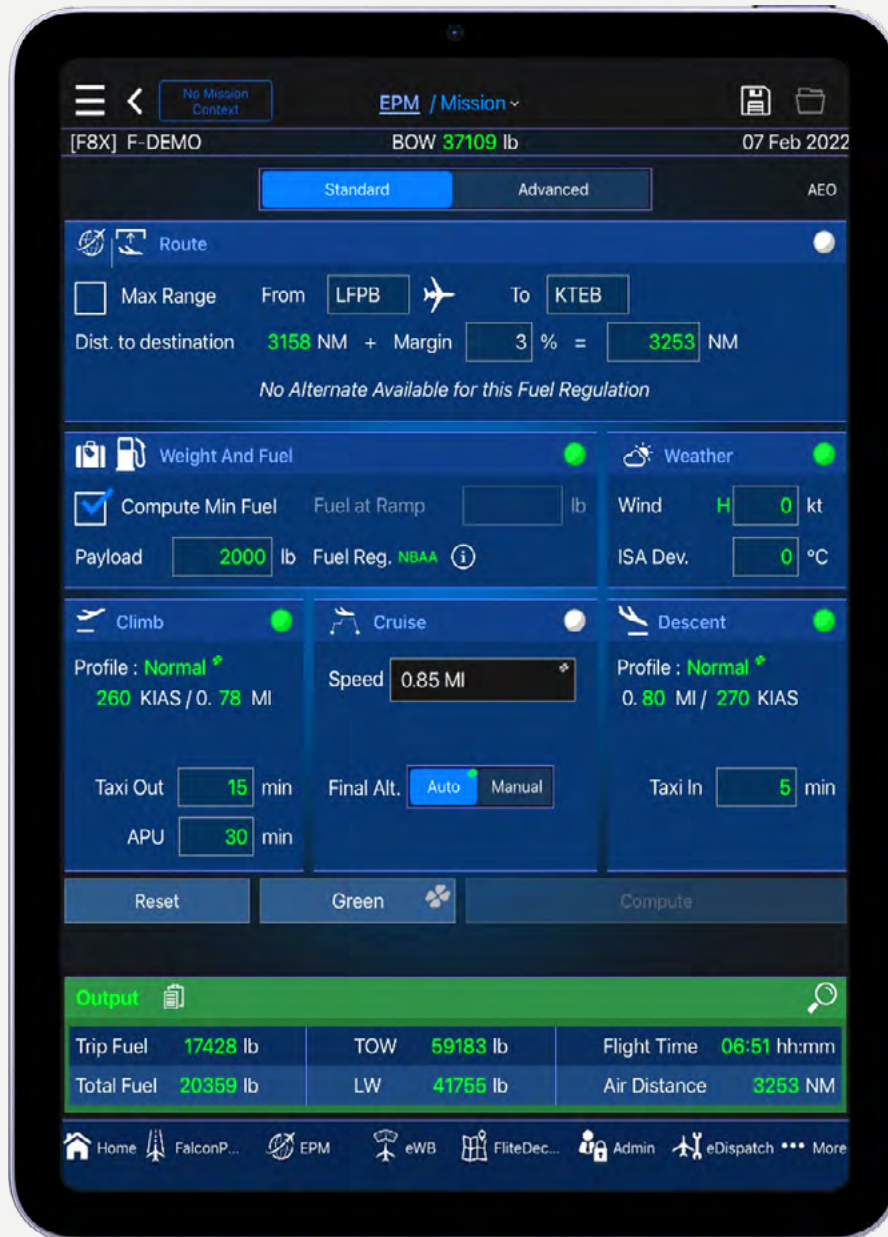
- ▶ Dassault Loading Manual data
  - Fully compliant with the Dassault Design Office recommendations
  - Automatically checks that the fuel envelope remains entirely within the in-flight CG limits
- ▶ Customized to each individual airframe using individual aircraft floor plans and detailed W&B reports
- ▶ Supports paperless operations with a digital signature option and operator customization of load sheets
- ▶ Clearly identifying any possible non-compliance with the aircraft Loading Manual

Available for: **Falcon 2000LX/LXS/S**  
**Falcon 900LX**  
**Falcon 7X/8X**



TRY IT HERE





**Top Bar:** [F8X] F-DEMO | BOW 37109 lb | 07 Feb 2022

**Buttons:** Standard (selected), Advanced, AEO

**Route Section:**

- From: LFPB | To: KTEB
- Dist. to destination: 3158 NM + Margin 3% = 3253 NM
- No Alternate Available for this Fuel Regulation

**Weight And Fuel Section:**

- Compute Min Fuel: ☒ (Green indicator)
- Fuel at Ramp:  lb
- Payload: 2000 lb
- Fuel Reg. NBAA (info icon)

**Weather Section:**

- Wind: H 0 kt (Green indicator)
- ISA Dev. 0 °C

**Flight Profile Section:**

- Climb:** Profile: Normal (Green indicator), 260 KIAS / 0.78 MI
- Cruise:** Speed: 0.85 MI
- Descent:** Profile: Normal (Green indicator), 0.80 MI / 270 KIAS

**Timing Section:**

- Taxi Out: 15 min
- APU: 30 min
- Final Alt.: Auto (selected) / Manual
- Taxi In: 5 min

**Buttons:** Reset, Green (with leaf icon), Compute

**Output Section (Green header):**

Trip Fuel	17428 lb	TOW	59183 lb	Flight Time	06:51 hh:mm
Total Fuel	20359 lb	LW	41755 lb	Air Distance	3253 NM

**Bottom Bar:** Home | FalconP... | EPM | eWB | FliteDec... | Admin | eDispatch | More

**ePM is a next generation aircraft performance manual with graphical representation of high-speed performance.**

### Key Features:

- ▶ A «Mission» module dedicated to flight planning
- ▶ A «Tools» module for in-flight computations and FMS data crosscheck
- ▶ A “green” function that computes minimum fuel consumption
- ▶ Pilot insertion errors prevented by a set of controls and warning messages
- ▶ Complete flight planning data (e.g. O2 or fuel reserves) using the only OEM-approved solution on the market
- ▶ Provides quick and reliable results for any Mach number, to optimize any flight profile

Available for: **Falcon 2000LX/LXS/S**  
**Falcon 900LX**  
**Falcon 7X/8X**



TRY IT HERE





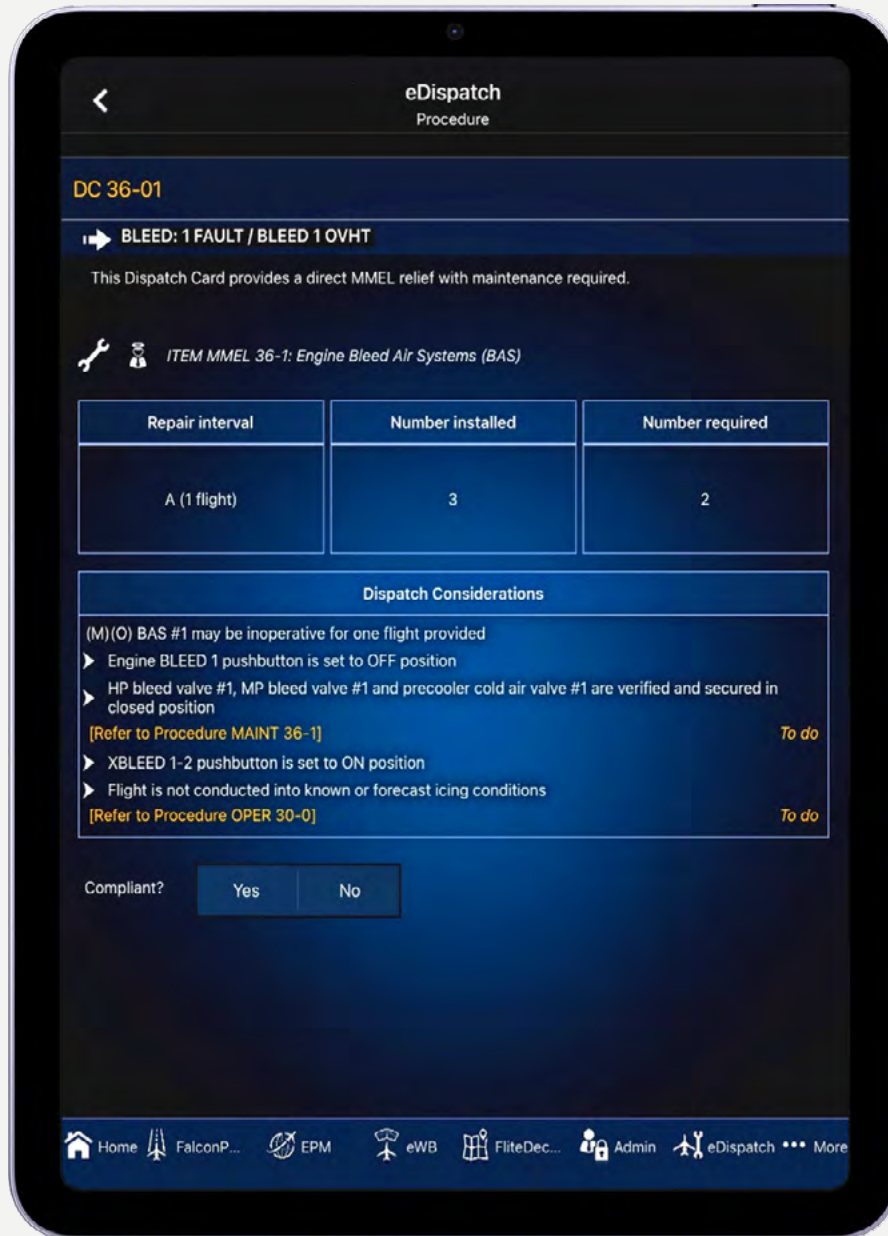
**Flight Doc is the best application for accessing Dassault Falcon flight documentation and operational publications on iPad.**

### Key Features:

- ▶ Access a wide range of Dassault publications, both online and offline including:
  - Digitally signed **Falcon Flight Documentation** such as the AFM, CODDE2, QRH, etc. filtered to the aircraft configuration
  - **FSAs** (Falcon Service Advisories), FSNs (Falcon Service Newsflashes) and FCIPs (Service Bulletin briefs intended for pilots).
  - **Miscellaneous**, gathering various operational publications from the Falcon portal
  - **Operator Docs**, allowing storage of company documents.

**Available for: All Falcon models**





**eDispatch**  
Procedure

**DC 36-01**

**BLEED: 1 FAULT / BLEED 1 OVHT**

This Dispatch Card provides a direct MMEL relief with maintenance required.

**ITEM MMEL 36-1: Engine Bleed Air Systems (BAS)**

Repair interval	Number installed	Number required
A (1 flight)	3	2

**Dispatch Considerations**

(M)(O) BAS #1 may be inoperative for one flight provided

- Engine BLEED 1 pushbutton is set to OFF position
- HP bleed valve #1, MP bleed valve #1 and precooler cold air valve #1 are verified and secured in closed position

[Refer to Procedure MAINT 36-1] To do

- XBLEED 1-2 pushbutton is set to ON position
- Flight is not conducted into known or forecast icing conditions

[Refer to Procedure OPER 30-0] To do

Compliant?

Home FalconP... EPM eWB FliteDec... Admin eDispatch ... More

**eDispatch is an integrated solution for a seamless dispatch decision making process, improving aircraft operational availability.**

### Key Features:

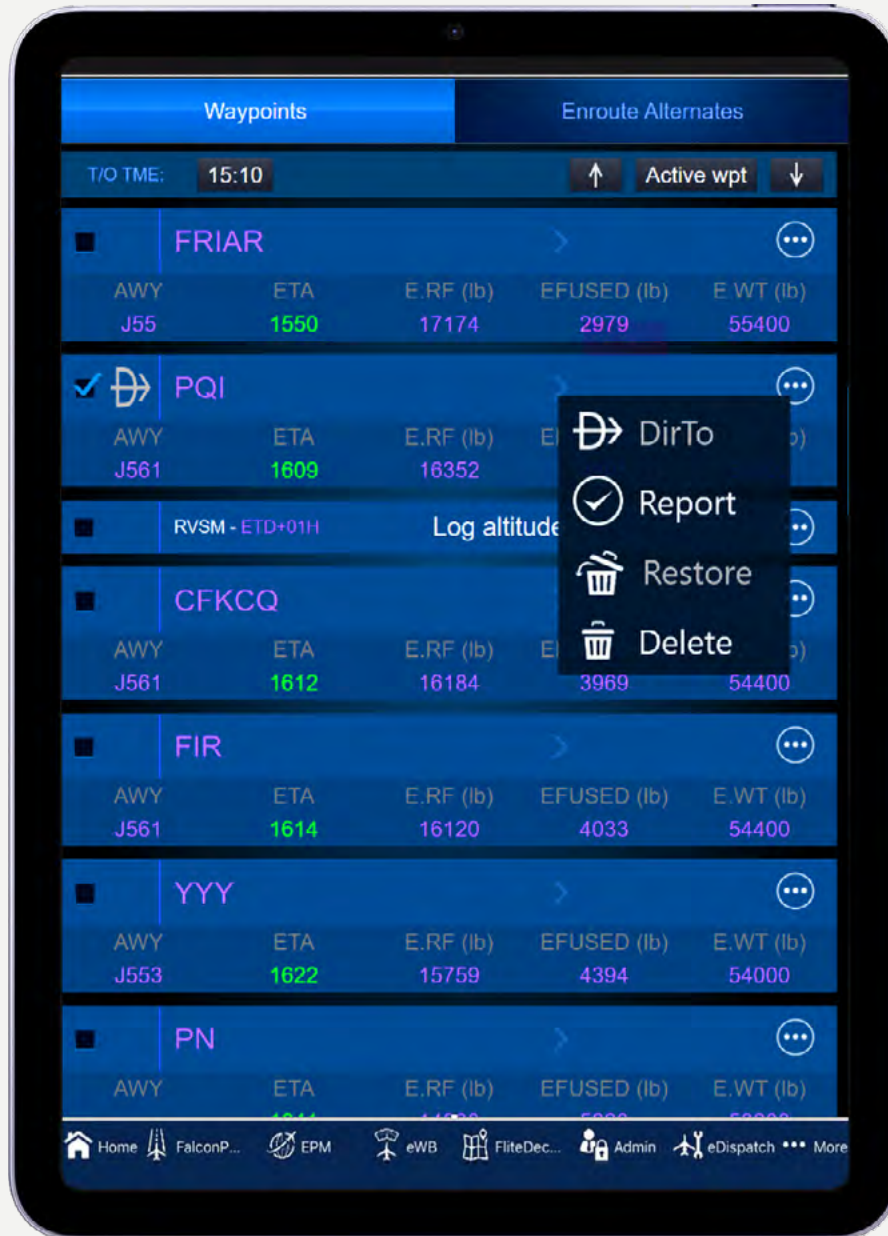
- ▶ Integrates all reference publications for dispatch (MMEL, M&O procedures, CDL, NEF/NSRI) to efficiently walk operators (pilots & maintenance personnel) through the dispatch decision making process.
- ▶ Can be used on the ground before departure (in a dispatch situation) or in flight, to proactively address consequences of an in-flight failure on the next flight.
- ▶ Filtered to the aircraft configuration (MOD, M-OPT and SB)
- ▶ Based on the MMEL (EASA or FAA)

Available for: **Falcon 7X/8X**



TRY IT HERE





**eOFP is the newest Dassault application, providing pilots with a completely digital navigation log.**

### Key Features:

- ▶ Flight plans can be downloaded from compatible third-party providers in XML format (ARINC 633) or manually inserted.
- ▶ Flight plans can be amended as needed to account for operational changes:
  - Pilots manually insert fuel and time at each waypoint, eOFP computes the rest
  - Includes Direct To feature from the actual aircraft position to the next waypoint
- ▶ Navigation logs can be converted into PDF format and shared

**Available for iPad in 2023: All Falcon EASy models**



FOR FALCONSPHERE TECHNICAL ASSISTANCE,  
PLEASE CONTACT:

**falconpilot@dassault-aviation.com**

FOR PRICE AND SUBSCRIPTION INQUIRIES,  
PLEASE CONTACT:

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**Documentation-sales-and-support@dassault-aviation.com**

W/H Based Operators – Dassault Falcon Jet

**WH.doc-sales@DassaultFalconJet.com**

3-months trial period available

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