



FalconSphere

PREPARING AND EXECUTING YOUR MISSION
HAS NEVER BEEN SO EASY



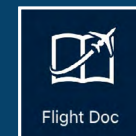
FalconPerf



eWB



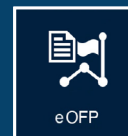
ePM



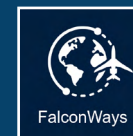
Flight Doc



eDispatch



eOFF



FalconWays

FalconSphere

Preparing and executing your mission has never been so easy

SUMMARY

1



FALCONPERF/
Takeoff and
Landing
Performance

2



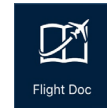
eWB/
Weight &
Balance

3



ePM/
Flight Planning
and Cruise
Performance

4



FLIGHT DOC/
Documentation

5



eDISPATCH/
Dispatch
Assessment

6

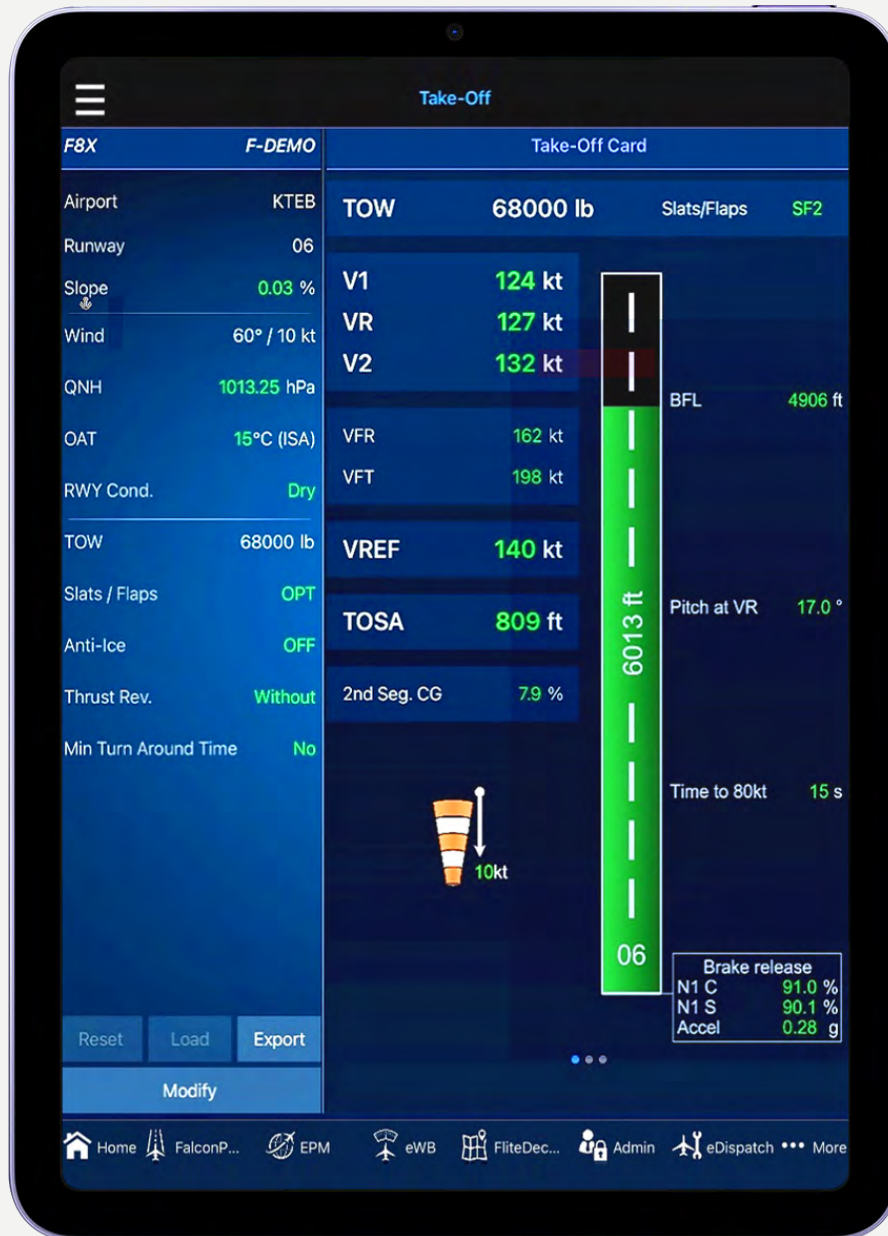


eOFP/
Electronic
Operational
Flight Plan

7



FALCONWAYS/
Reduce Carbon
Emissions



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:

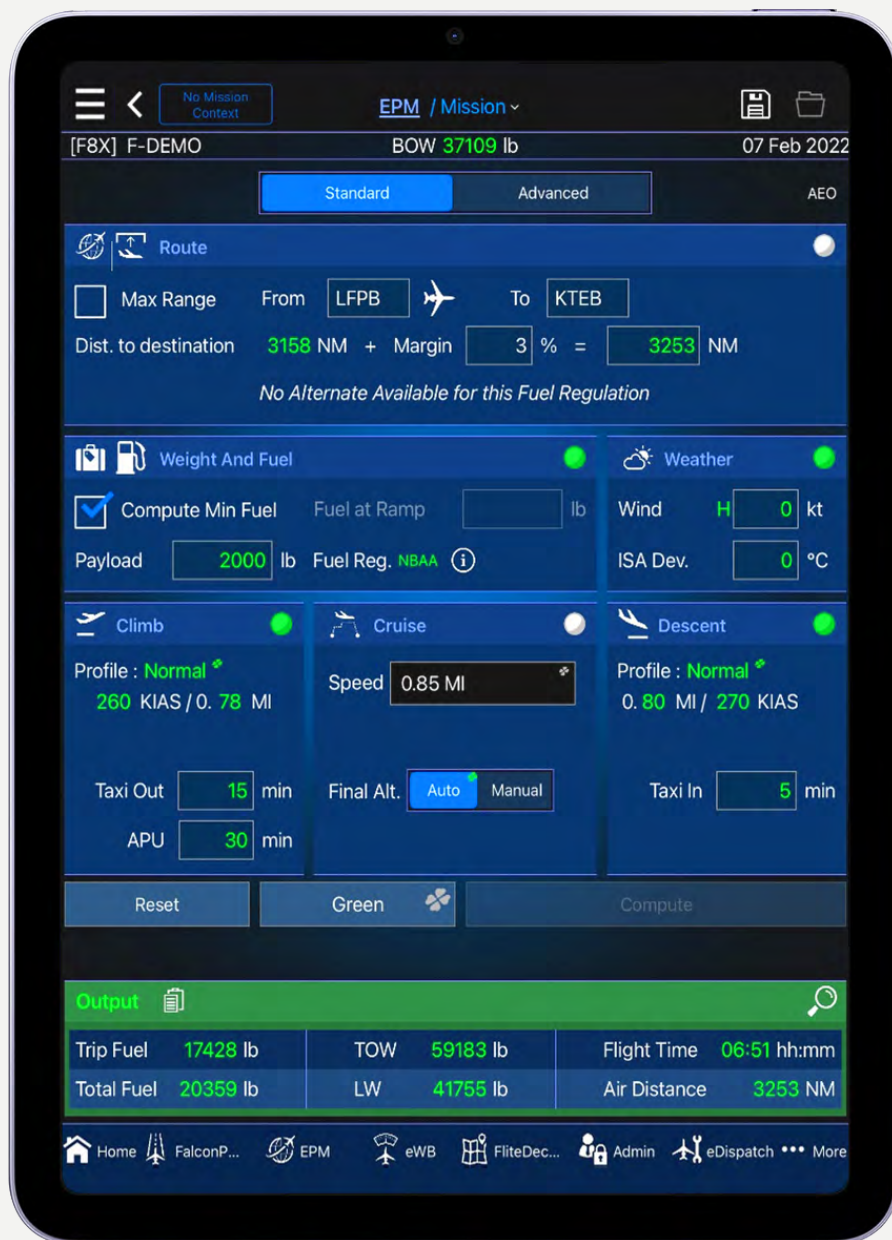
- ▶ Dassault Loading Manual data
 - Fully compliant with the Dassault Design Office recommendations
 - Automatically checks that the fuel envelope remains entirely within the in-flight CG limits
- ▶ Customized to each individual airframe using individual aircraft floor plans and detailed W&B reports
- ▶ 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 | EPM / Mission

Buttons: Standard (selected), Advanced, AEO

Route Section:

- Max Range: ☐
- 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
- Fuel at Ramp: lb
- Payload: 2000 lb
- Fuel Reg. NBAA

Weather Section:

- Wind: H 0 kt
- ISA Dev. 0 °C

Flight Profile Section:

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

Time and Altitude:

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

Buttons: Reset, Green, Compute

Output Table:

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



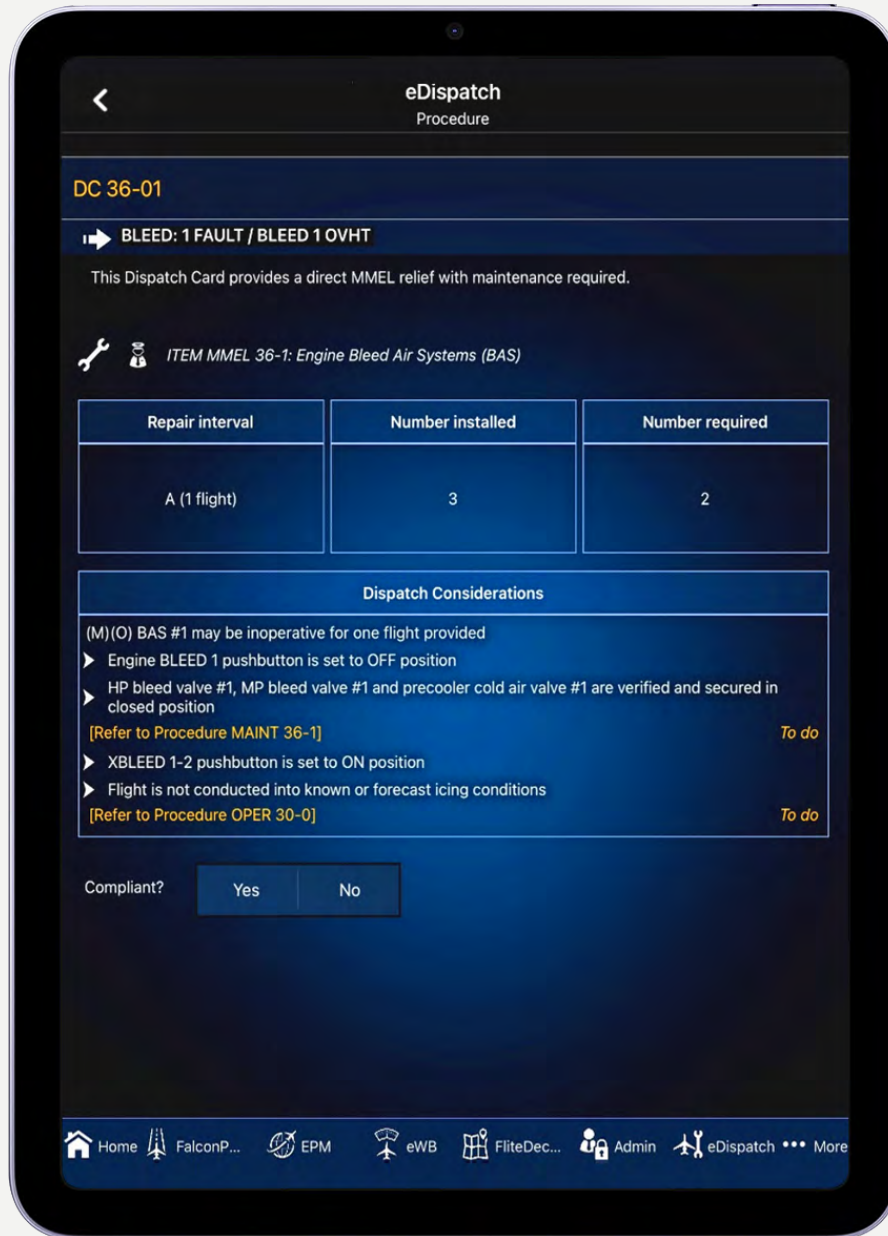


Flight Doc is the best application for accessing Dassault Falcon flight documentation and operational publications on iPad.

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:

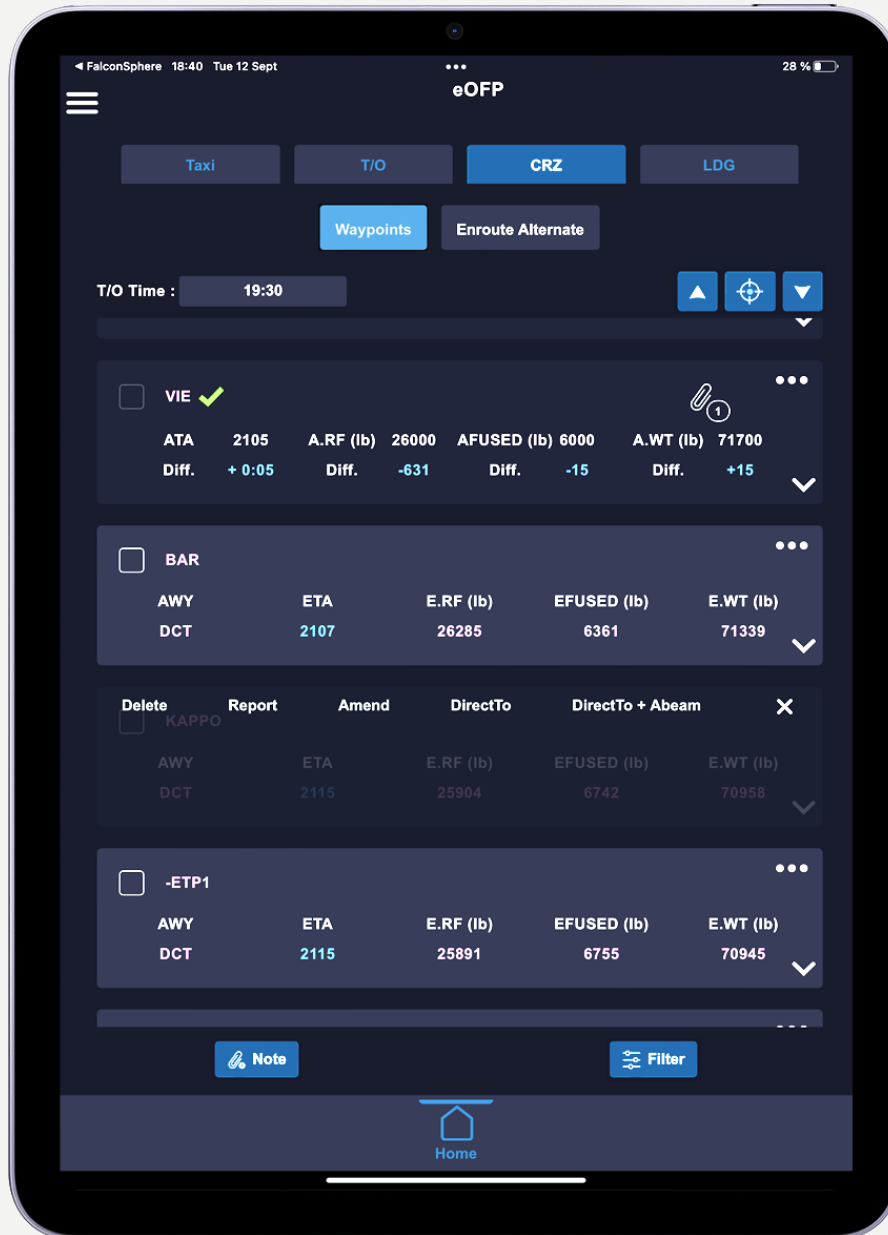
- ▶ Integrates all reference publications for dispatch (MMEL, M&O procedures, CDL, NEF/NSRI) to efficiently walk operators (pilots & maintenance personnel) through the dispatch decision making process
- ▶ Can be used on the ground before departure (in a dispatch situation) or in flight, to proactively 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



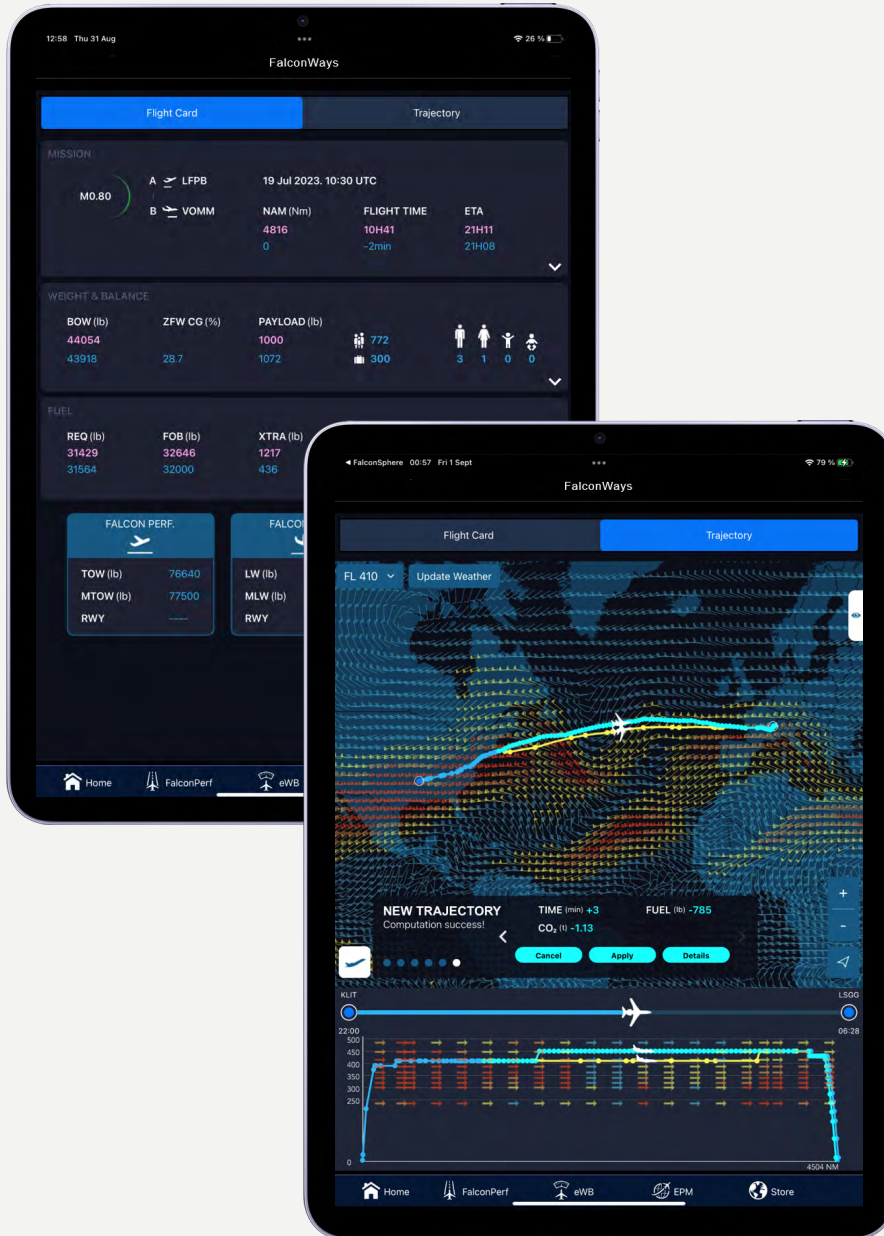


eOFP is the newest Dassault application providing pilots with a completely digital navigation log.

Key Features:

- ▶ Flight plans can be downloaded from compatible third-party providers in XML format or manually loaded
- ▶ 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 current leg to the next waypoint
 - Intuitive depiction of forecast and actual data
- ▶ Navigation logs can be converted into PDF format and shared

Available for iPad in 2023: All Falcon EASy models



Route optimization tool – based on advanced algorithms, fuel management, vertical and lateral optimizations, Mach number selection.

Key Features:

- ▶ Operational data:
 - Imports XML flight plans from compatible third-party providers
 - Recomputes flight plan with aircraft performance and updated weather model
- ▶ Aircraft performance:
 - Includes genuine Dassault performance data
- ▶ Weather model:
 - Worldwide coverage (wind and temperature)
 - Weather update available on the ground and in flight (Satcom required) for higher accuracy
- Navigation database:
 - Worldwide navigation database updated at every Airac cycle

Available for: Falcon 6X, Falcon 8X (early 2024)

FOR FALCONSPHERE TECHNICAL ASSISTANCE,
PLEASE CONTACT:

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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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