



FACTS & FIGURES

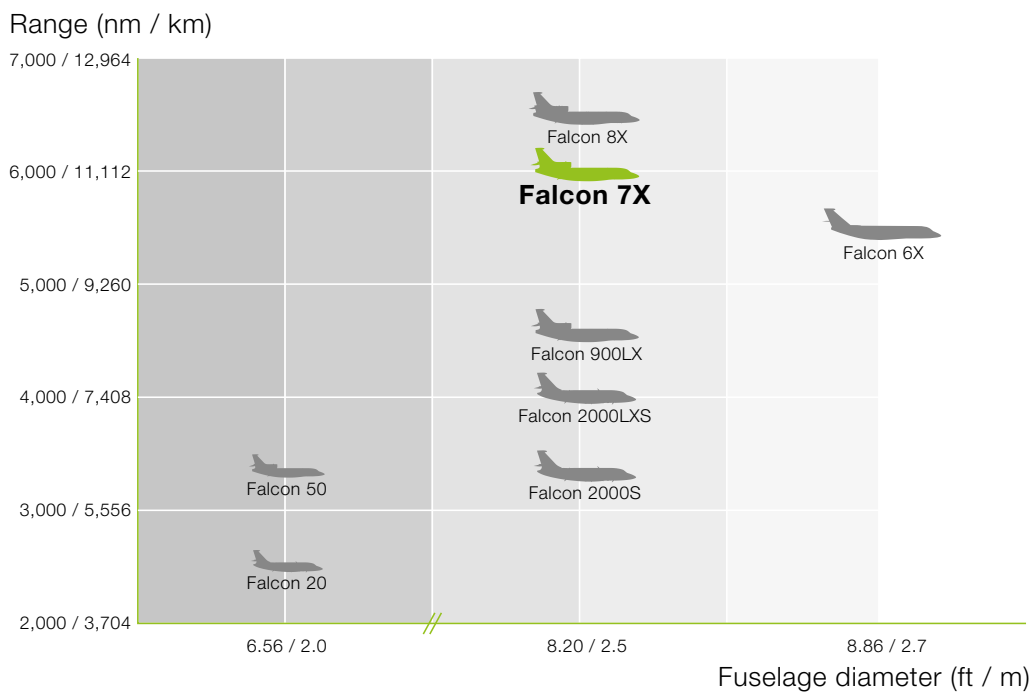
Falcon 7X

AIRCRAFT OVERVIEW

The trijet Dassault Falcon 7X is designed to fly 5,950 nm (11,019 km) and reach a maximum speed of Mach 0.90. As the first digitally designed and fly-by-wire aircraft, it sets new technological standards in the Ultra Long Range segment and in the industry as a whole. Offering remarkable performance, unmatched flexibility and unparalleled versatility, the Falcon 7X will efficiently handle any mission.



FALCON FAMILY



EXTERNAL DIMENSIONS

— Wing area	761 ft ² / 70.7 m ²
— Wing span	86.0 ft / 26.2 m
— Length	76.7 ft / 23.4 m
— Height	26.2 ft / 8.0 m

THREE-VIEW DRAWING



WEIGHTS

— Maximum ramp	70,200 lb / 31,842 kg
— Maximum takeoff	70,000 lb / 31,751 kg
— Maximum zero fuel	41,000 lb / 18,598 kg
— Maximum landing	62,400 lb / 28,304 kg
— Maximum payload*	6,000 lb / 2,722 kg
— Maximum usable fuel	31,940 lb / 14,488 kg

*Standard aircraft

PERFORMANCE SUMMARY

— Balanced field length	5,710 ft / 1,740 m
<i>Maximum Takeoff Weight, Sea Level, Standard Conditions</i>	
— Landing distance	2,070 ft / 631 m
<i>FAR 135, SL, Typical Landing Weight (unfactored)</i>	
— Landing reference speed	104 kias / 193 km/h
<i>Vref, Typical Landing Weight</i>	
— Maximum range	5,950 nm / 11,019 km
<i>8 PAX, 3 Crew, Mach 0.80, NBAA IFR Reserves</i>	
— Maximum operating altitude	51,000 ft / 15,545 m
— Maximum operating speed (VMO)	370 kias / 685 km/h
— Maximum operating Mach (MMO)	Mach 0.90

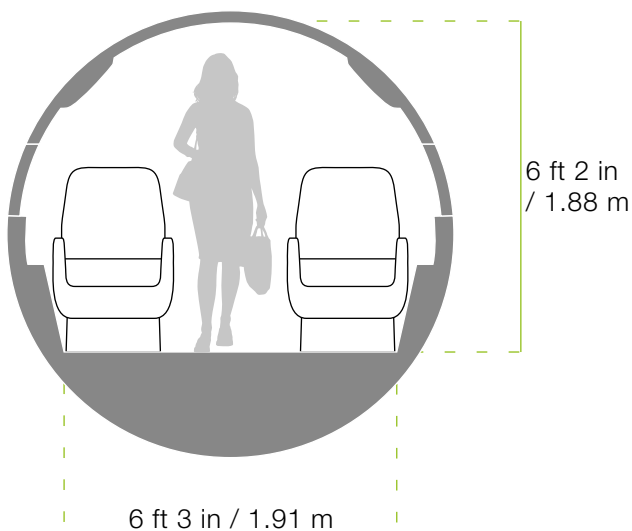




TAILORED CABIN

The Falcon 7X cabin is a wonder of modern aviation: its perfect ratio between length and width, combined with the right light distribution creates a spacious and comfortable travel environment. Featuring Falcon trademarks of interior quality finishing and low cabin noise level, the Falcon 7X makes any journey a quiet and productive experience.

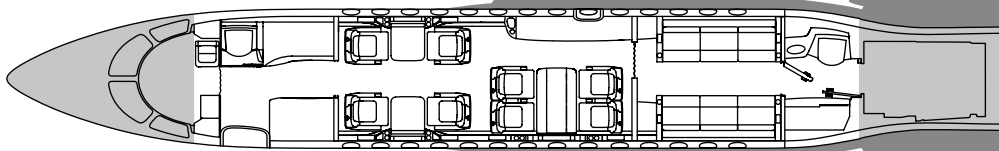
CABIN CROSS SECTION



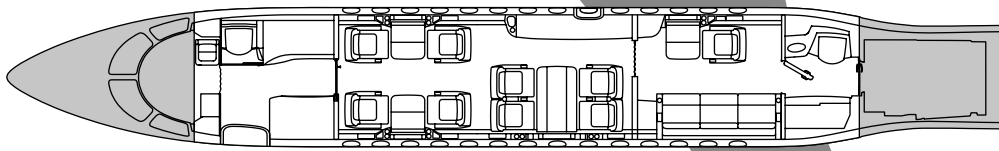
CABIN DIMENSIONS

— Typical configuration	14 passenger seats
— Cabin length*	39 ft 1 in / 11.9 m
— Cabin volume*	1,552 ft ³ / 44.0 m ³
— Baggage volume	140 ft ³ / 4.0 m ³
— Total window area	32.0 ft ² / 2.97 m ²
28 large windows	

* excl. flight deck and baggage



14-passenger configuration



12-passenger configuration

TYPICAL FLOOR PLAN

These popular cabin configurations are just two examples of the many choices available to our Falcon 7X customers, featuring fully equipped service galley and spacious aft lavatory.



Seamless in-flight connectivity



CABIN AMENITIES

ENVIRONMENT CONTROL: Seamless and intuitive control of the cabin environment via individual commands or provided Ipad fitted with personal Falcon apps (lighting, temperature, cabin sound system, windows shades). Apps are also available for personal iOs or Android devices.

ENTERTAINMENT: Full High Definition multimedia server, connected to the on-board WiFi network, allowing audio and video distribution on cabin monitors or personal devices. Personal contents or STAGE catalog (movies, TV-shows, music, news, games...) can be streamed. Also features an Interactive airshow with 3D moving map.

CONNECTIVITY WITH FALCONCONNECT: Worldwide seamless internet access with the latest connectivity solutions (Iridium, Ka-band system or ATG Avance L5). FalconConnect also provides VOIP, VPN, visio, connectivity status services... and more. A full range of subscription packages is available.

Some of the listed features are optional



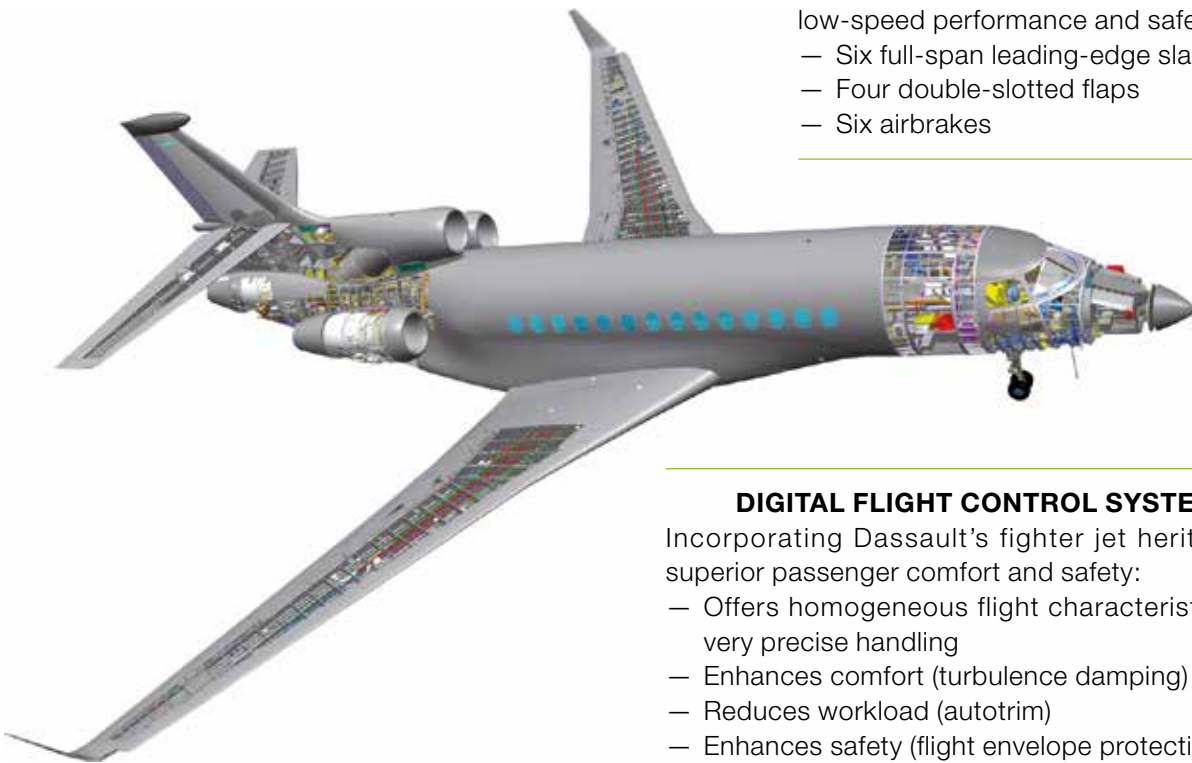
CUTTING-EDGE TECHNOLOGY

The Falcon 7X is the world's first business jet with a fully Digital Flight Control System. It is also the first designed entirely on a virtual platform using Dassault Systèmes CATIA® and Product Lifecycle Management tools. An innovative design and superior technology mean the most efficient aircraft with the lowest operating cost and the highest resale value.

A NEW GENERATION WING

High cruise efficiency and unmatched low-speed performance and safety:

- Six full-span leading-edge slats
 - Four double-slotted flaps
 - Six airbrakes
-



DIGITAL FLIGHT CONTROL SYSTEM

Incorporating Dassault's fighter jet heritage for superior passenger comfort and safety:

- Offers homogeneous flight characteristics and very precise handling
 - Enhances comfort (turbulence damping)
 - Reduces workload (autotrim)
 - Enhances safety (flight envelope protection)
 - Improves fuel efficiency
-

THE FALCON EASy FLIGHT DECK

Developed by Dassault and driven by its experience in military programs, the Enhanced Avionics System flight deck is highly intuitive and interactive, improving situational awareness, reducing crew workload and enhancing safety.



THE SIDESTICK CONTROLLER

- Replaces the traditional floor-mounted central control columns
 - Provides more useful space in front of pilots
 - Requires minimal pilot input for maximum flight precision
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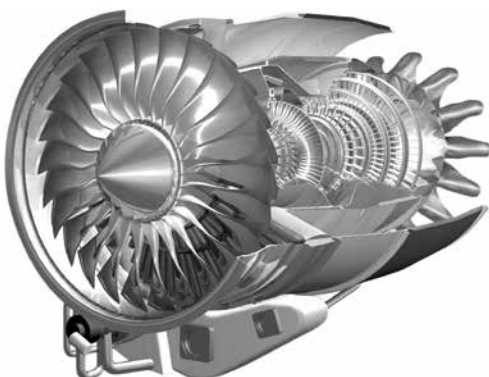


AVIONICS – EASy II

EASy II is a major avionics upgrade that introduces a new set of features to make the most out of the EASy flight deck. It brings the EASy cockpit up to the highest level of performance, using the most advanced capabilities:

- SBAS / LPV approaches
- Synthetic Vision System (SVS) in PDU
- Runway Awareness Alert System (RAAS)
- ADS-B Out
- CPDLC functions (ATN-B1 and FANS 1/A+)

Some of the listed features are optional

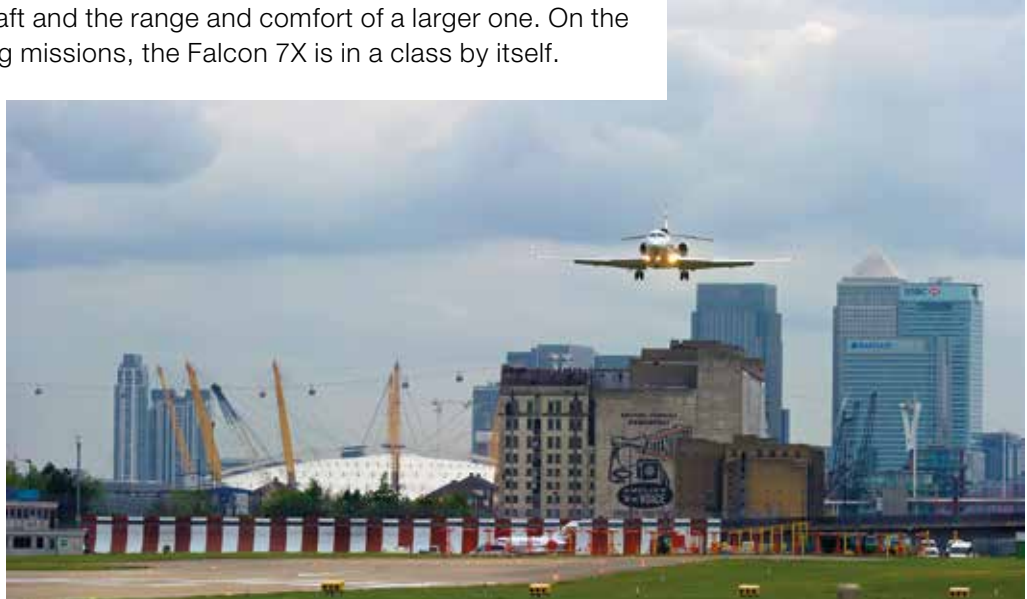


THREE-ENGINE CONFIGURATION

- | | |
|------------------------|-------------------------------------|
| — Manufacturer | Pratt & Whitney Canada |
| — Number / type | 3 × PW307A |
| — Maximum thrust | 6,402 lb / 28.5 kN (Sea Level, ISA) |
| — Flat rated up to | 32°C (Sea Level) |
| — Warranty | 5 yr / 3,000 h |
| — MPI / CZI (maturity) | 3,600 h / 7,200 h |
-

OUTSTANDING PERFORMANCE

The Falcon 7X has unique aerodynamics and a robust structural design. This allows the performance and agility of a fighter jet, the fuel economy of a smaller-size aircraft and the range and comfort of a larger one. On the most demanding missions, the Falcon 7X is in a class by itself.

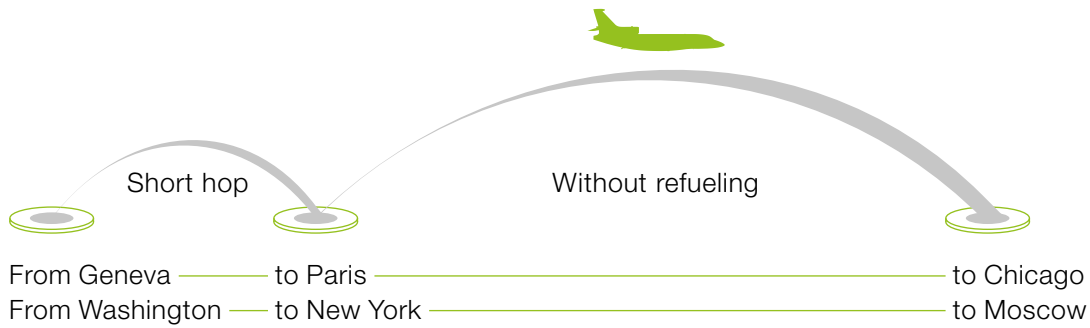


MAXIMUM RANGE



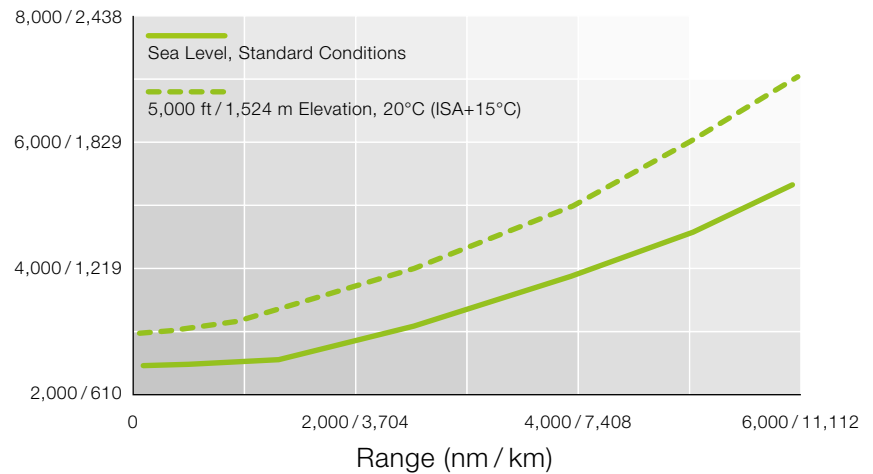
Standard Aircraft, 8 PAX, 3 Crew, ISA, Mach 0.80, 85% Boeing Annual Wind Reliability, NBAA IFR Reserves
Actual performance may be affected by final aircraft configuration (outfitting options, operating items) and by ATC routing and weather conditions.

FLEXIBILITY



BALANCED FIELD LENGTH

Balanced Field Length (ft / m)



Standard Aircraft, 8 PAX, 3 Crew, Mach 0.80, NBAA IFR Reserves

FALCON ACCESS TO WORLDWIDE CHALLENGING AIRPORTS*

SAMPLE CITIES	FIELD ELEVATION	RUNWAY LENGTH
— Cannes Mandelieu (LFMD)	14 ft	5,285 ft
— London City (EGLC)	19 ft	3,934 ft
— La Môle (LFTZ)	59 ft	3,871 ft
— Lugano (LSZA)	915 ft	4,429 ft
— Saanen (LSGK)	3,307 ft	4,593 ft
— St. Moritz (LSZS)	5,600 ft	5,906 ft
— Aspen (KASE)	7,820 ft	8,006 ft
— Toluca (MMTO)	8,466 ft	13,780 ft
— Lhasa (ZULS)	11,731 ft	13,123 ft
— La Paz (SLLP)	13,313 ft	13,124 ft
— Daocheng Yading (ZUDC)	14,472 ft	13,780 ft

* Depending on aircraft models and subject to final approval



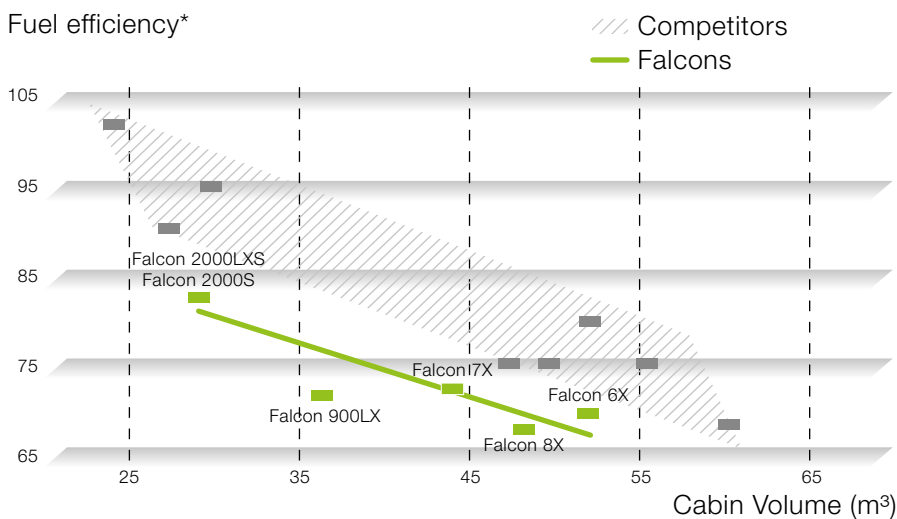
ECO-EFFICIENT AIRCRAFT

The optimized design of the Falcon 7X offers superior performance and agility with better fuel efficiency than all competitors in its class. Falcon operators will never have to compromise between performance and economy or business objectives and environmental responsibility.



ENVIRONMENTALLY FRIENDLY

Falcon 7X is up to 30% greener than its competitors



Whatever the competition, Falcons are more eco-friendly

Dassault calculations based on Conklin & de Decker assumptions

**Fuel burn vs Cabin volume (lb/m³)*

DASSAULT MANUFACTURING PROCESSES

In ten years, reduction by:

- 30% of CO₂ emissions
- 50% water consumption
- 57% of volatile organic compounds (VOC)
- 90% of waste reused for non-hazardous waste