

# **Falcon Family** Facts

10X / 8X / 6X / 900LX / 2000LXS



# DASSAULT AVIATION

Since its founding over 100 years ago, Dassault Aviation has designed and delivered some 10,000 aircraft to 90 countries around the world. The renowned excellence of Falcon design, performance and efficiency, is in great part, due to the company's unsurpassed heritage. Its wealth of leading-edge technologies and experience in building Mach 2 fighter jets gives unique advantages to the Falcon line. It's one of the reasons Falcons are known as the best designed, best built, best flying business jets at the high end of the market. As well as the most fuel efficient.

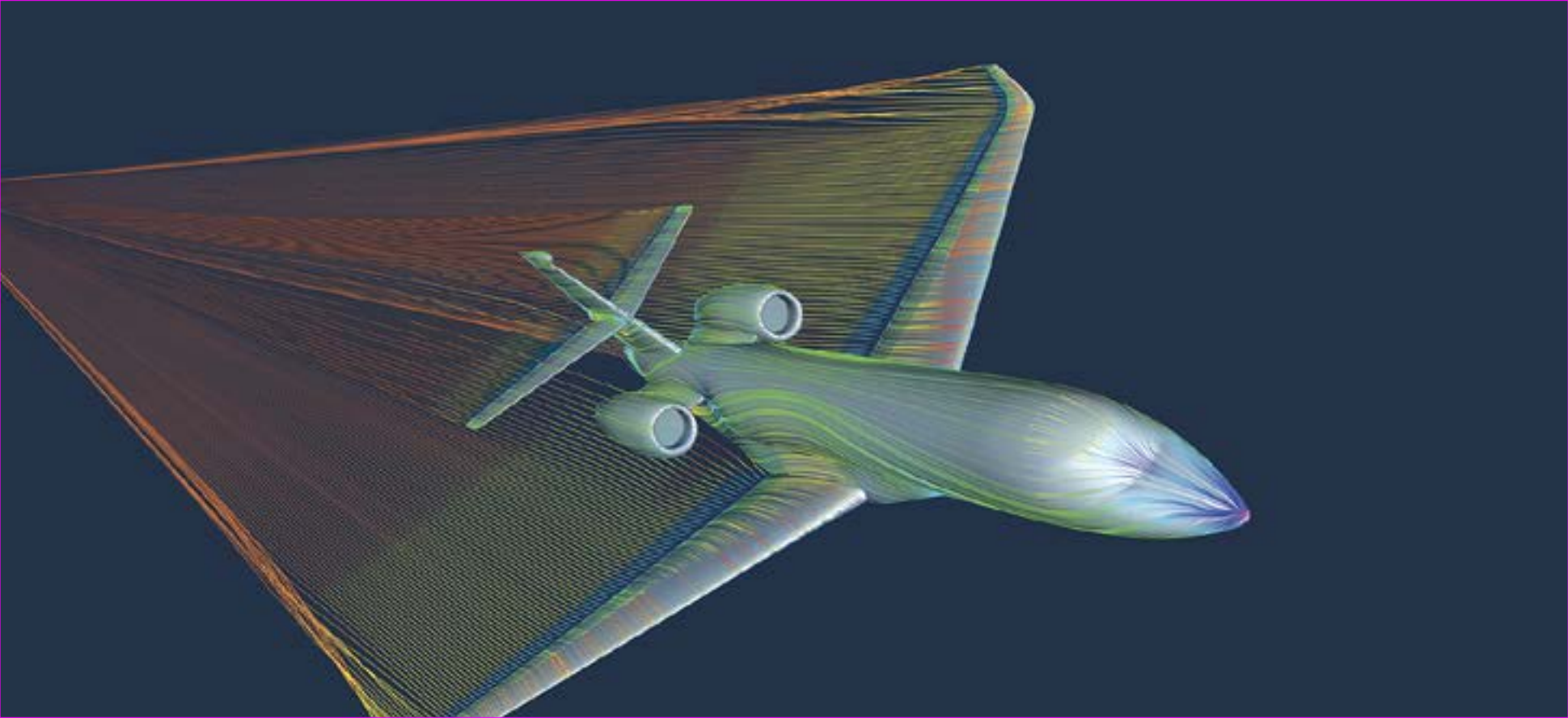
Learn more at  
[www.dassaultfalcon.com](http://www.dassaultfalcon.com)



# S U S T A I N A B I L I T Y

Dassault has led the way in responsible aircraft design for decades. Aerodynamically optimized to reduce drag, with precision aerostructures, strong, lightweight materials and innovative lift devices, Falcons are the most efficient aircraft in business aviation. That translates into lower fuel use and lower emissions. Plus, all Falcons are compatible with Sustainable Aviation Fuel (SAF).

Dassault's manufacturing meets the highest industrial standards, including ISO 14001 and European REACH. The company works with the Clean Sky Joint Undertaking and the SESAR Joint Undertaking for a Digital European Sky to make flight operations greener. And it's been named a Climate Leader by the Financial Times and a Top Responsible Company in a Statista Institute study.





▶ The all-new, 7,500 nm Falcon 10X is the largest, fastest, most advanced Falcon. Its unparalleled cabin size and modularity allow extensive configurations with every possible amenity. Fly New York to Shanghai, Hong Kong to New York, Los Angeles to Sydney, Paris to Santiago at Mach .85. Or, Geneva to Singapore, New York to Dubai at Mach .90.



## RANGE:

7,500 nm (13,890 km), Mach .85,  
8 passengers, NBAA IFR reserves.

## ENGINES:

Two Rolls-Royce Pearl® 10X engines  
each rated at more than  
18,000 lb / 80.1 kN thrust.

## AVIONICS:

Industry-leading Digital Flight Control  
System. Next-generation NeXus flight  
deck featuring breakthrough protections,  
all touch displays and FalconEye Combined  
Vision System with dual HUDs as primary  
means for flying.

## EXTERNAL DIMENSIONS:

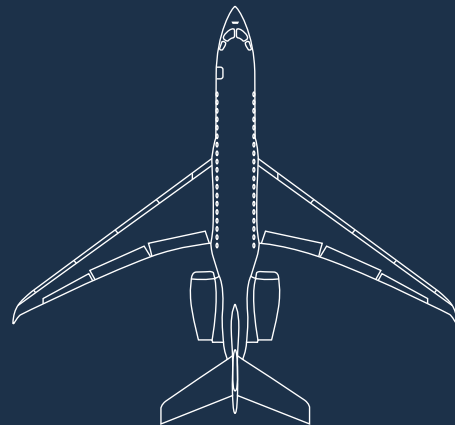
Wing Span	110 ft 3 in	33.6 m
Length	109 ft 7 in	33.4 m
Height	27 ft 7 in	8.4 m

## INTERNAL DIMENSIONS:

Cabin Height	80 in	2.03 m
Cabin Width	109 in	2.77 m
Cabin Length	53 ft 10 in	16.40 m
Baggage Volume	198 ft <sup>3</sup>	5.60 m <sup>3</sup>

## WEIGHTS:

Max Takeoff Weight	115,000 lb	52,163 kg
Max Zero-Fuel Weight	67,800 lb	30,754 kg
Max Fuel Weight	51,700 lb	23,451 kg
Basic Operating Weight	61,300 lb	27,805 kg







The highly optimized Falcon 8X, delivers 6,450 nm range, Falcon agility and efficiency, plus a uniquely flexible cabin. Customize your own layout. Access hundreds more airports. Fly nonstop from São Paulo to Los Angeles, London City to New York, Hong Kong to London or Sydney to Mumbai.



## RANGE:

6,450 nm (11,945 km), Mach .80,  
8 passengers, NBAA IFR reserves.

## ENGINES:

Three Pratt & Whitney Canada  
PW307D engines each rated at  
6,722 lb / 29.9 kN thrust.

## AVIONICS:

Next-generation Digital Flight Control  
System. Advanced EASy IV flight deck  
with FalconEye HUD for unprecedented  
situational awareness.

## EXTERNAL DIMENSIONS:

Wing Span	86 ft 3 in	26.29 m
Length	80 ft 3 in	24.46 m
Height	26 ft 1 in	7.94 m

## INTERNAL DIMENSIONS:

Cabin Height	74 in	1.88 m
Cabin Width	92 in	2.34 m
Cabin Length	42 ft 8 in	13 m
Baggage Volume	140 ft <sup>3</sup>	4 m <sup>3</sup>

## WEIGHTS:

Max Takeoff Weight	73,000 lb	33,113 kg
Max Landing Weight	62,400 lb	28,304 kg
Max Zero-Fuel Weight	41,000 lb	18,598 kg
Max Fuel	35,141 lb	15,940 kg
Basic Operating Weight	36,100 lb	16,375 kg





With a range of 5,500 nm, the Falcon 6X is your ticket to a wider world. Its expanded range and cabin, the tallest and widest of any business jet flying today, make it a superior work and living space. Fly nonstop in whisper-quiet comfort from Los Angeles to Geneva, São Paulo to London, Beijing to San Francisco.





### RANGE:

5,500 nm (10,186 km), Mach .80,  
8 passengers, NBAA IFR reserves.

### ENGINES:

Two Pratt & Whitney Canada PurePower®  
PW812D engines each rated at  
13,500 lb / 60 kN thrust.

### AVIONICS:

Next-generation Digital Flight Control  
System. Advanced EASy IV flight deck  
with FalconEye HUD for unprecedented  
situational awareness.

#### EXTERNAL DIMENSIONS:

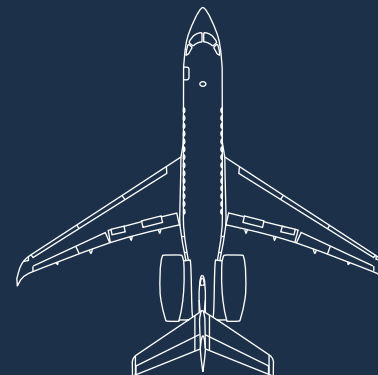
Wing Span	85 ft 1 in	25.94 m
Length	84 ft 3 in	25.68 m
Height	24 ft 6 in	7.47 m

#### INTERNAL DIMENSIONS:

Cabin Height	78 in	1.98 m
Cabin Width	102 in	2.58 m
Cabin Length	40 ft 4 in	12.30 m
Baggage Volume	155 ft <sup>3</sup>	4.4 m <sup>3</sup>

#### WEIGHTS:

Max Takeoff Weight	77,460 lb	35,135 kg
Max Landing Weight	66,190 lb	30,025 kg
Max Zero-Fuel Weight	45,920 lb	20,830 kg
Max Fuel	33,790 lb	15,325 kg
Basic Operating Weight	40,880 lb	18,545 kg



# Falcon 900LX



The proven performer Falcon 900LX features a fresh new cabin design that improves comfort through ergonomic seating, improved noise levels, and easy-to-use cabin management controls. It will take you 4,750 nm nonstop on far less fuel than anything else — and land at smaller, more convenient airports. Fly Geneva to Chicago, Mumbai to London City or Hong Kong to Sydney.

# Falcon 900LX





# Falcon 900LX

## RANGE:

4,750 nm (8,800 km), LRC,  
6 passengers, NBAA IFR reserves.

## ENGINES:

Three Honeywell TFE731-60 engines  
each rated at 5,000 lb / 22.25 kN thrust.

## AVIONICS:

Advanced EASy II flight deck with  
FalconEye HUD capability for  
unprecedented situational awareness.

## EXTERNAL DIMENSIONS:

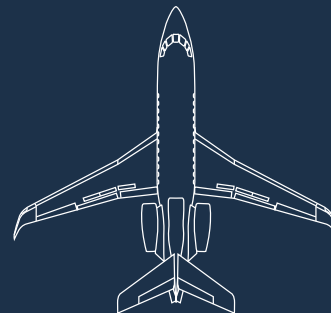
Wing Span	70 ft 2 in	21.38 m
Length	66 ft 4 in	20.21 m
Height	25 ft 2 in	7.67 m

## INTERNAL DIMENSIONS:

Cabin Height	74 in	1.88 m
Cabin Width	92 in	2.34 m
Cabin Length	33 ft 2 in	10.11m
Baggage Volume	127 ft <sup>3</sup>	3.6 m <sup>3</sup>

## WEIGHTS:

Max Takeoff Weight	49,000 lb	22,225 kg
Max Landing Weight	44,500 lb	20,185 kg
Max Zero-Fuel Weight	30,864 lb	14,000 kg
Max Fuel	20,905 lb	9,482 kg
Basic Operating Weight	25,815 lb	11,710 kg



# Falcon 2000LXS



The Falcon 2000LXS is the most versatile business jet and flies 4,000 nm nonstop. Thanks to full-span, leading-edge slats, optimized aerodynamics and advanced acoustics, it offers the ultimate combination of airfield agility, fuel efficiency and quiet, widebody comfort. Fly from Paris to New York, New York to Lima, Dubai to London City or Beijing to Mumbai.



## RANGE:

4,000 nm (7,408 km), Mach 0.80,  
6 passengers, NBAA IFR reserves.

## ENGINES:

Two Pratt & Whitney Canada PW308C  
engines each rated at  
7,000 lb / 31.14 kN thrust.

## AVIONICS:

Advanced EASy II flight deck with  
FalconEye HUD capability for  
unprecedented situational awareness.

## EXTERNAL DIMENSIONS:

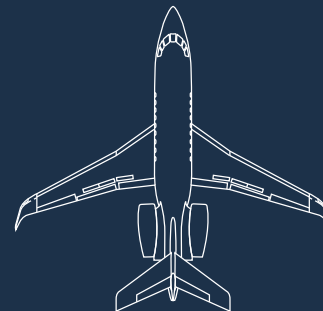
Wing Span	70 ft 2 in	21.38 m
Length	66 ft 4 in	20.23 m
Height	23 ft 4 in	7.11 m

## INTERNAL DIMENSIONS:

Cabin Height	74 in	1.88 m
Cabin Width	92 in	2.34 m
Cabin Length	26 ft 2 in	7.98 m
Baggage Volume	130.6 ft <sup>3</sup>	3.7 m <sup>3</sup>

## WEIGHTS:

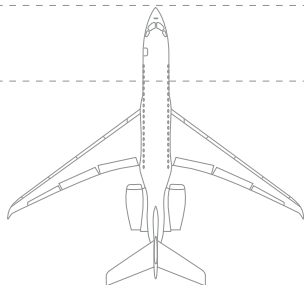
Max Takeoff Weight	42,800 lb	19,414 kg
Max Landing Weight	39,300 lb	17,826 kg
Max Zero-Fuel Weight	29,700 lb	13,472 kg
Max Fuel	16,660 lb	7,557 kg
Basic Operating Weight	23,585 lb	10,698 kg



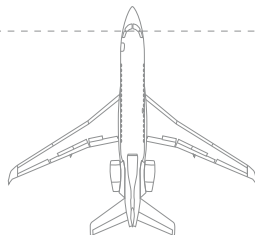
# **EASy** FLIGHT DECK

The EASy avionics suite is the most advanced civil flight deck system in the world. All data, instruments, systems, avionics functions, maps, weather — everything you need to know while flying over Mach .85, is right there in front of you. Tasks are performed seamlessly, with “heads-up” icons and menus that can be selected, or appear, as needed — and controlled with the ease of a point and click trackball. The most recent upgrade features the unique FalconEye™ Combined Vision System HUD, which delivers an unprecedented level of situational awareness in all flight conditions, day and night, and in all weather conditions.

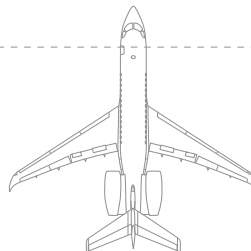




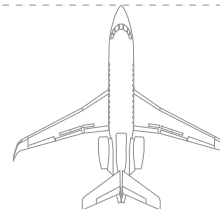
**Falcon 10X**



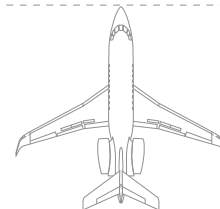
**Falcon 8X**



**Falcon 6X**



**Falcon 900LX**



**Falcon 2000LXS**

## DASSAULT AVIATION

78, Quai Marcel Dassault  
Cedex 300  
92552 Saint-Cloud Cedex  
France  
Tel.: +33 1 47 11 88 68

## DASSAULT FALCON JET CORP.

Teterboro Airport  
200 Riser Road  
Little Ferry, NJ 07643  
USA  
Tel.: +1 201 440 6700



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