

FALCON: “BUSINESS IS A BATTLE”

Our Falcons are high- end business jets. They stand out thanks to their agility, the quality of the associated services and the incorporation of highly innovative solutions, some drawn from military aviation.

Falcon 8X, the flagship

The Falcon 8X is the crown jewel of Falcon customer experience. It has the longest cabin in our family and also offers the best soundproofing for unrivaled comfort, plus an exceptionally wide choice of 30 different layouts.

The 8X has a range of 6,450 nautical miles, which means it is capable of non- stop flights between Beijing and New York, Singapore and London, or São Paulo and Moscow. It can also be operated out of airports that are inaccessible to most competitors, such as London City, from which it can take off for a non- stop flight to New York. And it's 30% more eco- efficient than other aircraft in its class.

The Falcon 8X also features the FalconEye combined vision system, enabling it to fly approaches under reduced visibility conditions with exceptional safety and reliability because of the combined display with a map based on amplified infrared images collected by the airplane itself. FalconEye was certified in 2018 for approaches under low visibility up to 100 feet. A configuration with a dual head- up display will be available in 2020.

Falcon 6X, a class all its own

The Falcon 6X was launched in February 2018, with entry into service expected in 2022. Its development is on schedule, and engine tests have started. It will have the largest cabin in its class.

The ultra- widebody twin- engine Falcon 6X has a maximum speed of Mach 0.90 and a range of 5,500 nautical miles, allowing non- stop flights between Beijing and San Francisco. It can also fly from Washington, D.C. to New York, then continue on to Geneva without having to refuel.

The Falcon 6X is fitted with the brand- new and all- digital EASy III flight deck and avionics suite, along with FalconSphere II and FalconEye systems.

Time between inspections is guaranteed for 800 hours or 12 months, 30% more than previous- generation aircraft.

Falcon Connections

Our top priorities are naturally safety and the customer experience, especially in terms of providing the best possible work and communications environment. Here are some of the solutions we have developed to meet these goals.

FalconSphere II is an integrated Electronic Flight Bag (EFB), a solution that considerably simplifies and shortens the flight planning process based on a tablet with multiple applications, including a Weight & Balance Module, Electronic Cruise Computation and FalconPerformance.

FalconConnect is the new integrated solution for managing communications and data exchanges between the aircraft and ground networks. It offers clear and flexible connectivity packages for both passengers and operators. This service is available on all our new aircraft and, starting this year, it can be retrofitted on all others.

JetWave, a high- speed broadband antenna, allows passengers to surf the Web, watch videos, or participate in videoconferences anywhere in the world, including during trans- oceanic flights, via the Inmarsat Global Xpress network.

FalconTalk is a very user- friendly application that allows the simple use of mobile phones on the plane.

Falcon Broadcast gives support staff technical information in real time, so they can plan ahead, according to scheduled stopovers, for any servicing needed. The upshot is improved dispatch reliability for our airplanes.