

Falcon 7X, the new benchmark for business travel.



The three-engine Falcon 7X has set a new standard for business travel: it is the first business jet with cutting-edge fly-by-wire technology and has a new extraordinary high-transonic wing design. This ultra-long-range aircraft with its excellent fuel efficiency and low carbon emissions can take off and land on shorter airstrips than any other aircraft in its class. The spacious passenger cabin allows comfortable sleeping accommodation for six. Thanks to its state-of-the-art high-tech materials, the Falcon 7X has the quietest business-jet cabin on the market and so guarantees an extremely pleasant flight. Business travellers have all the technical resources of a modern office at their disposal – from satellite phone and wireless internet access to email and text-messaging on personal smartphones. And of course Cat Aviation's comprehensive top-level service.



Falcon 7X specifications.

Manufacturer: Dassault Aviation, France

Engines: 3 Pratt & Whitney Canada PW307A

Wingspan: 26.21 m (86 ft)

Length: 23.38 m (76 ft 7 in)

Height: 7.96 m (26 ft 1 in)

Max. take-off weight: 31,702 kg (70,000 lb)

Weight empty: 16,445 kg (36,257 lb)

Fuel capacity: 18,042 l (31,940 lb)

Take-off distance: 1820 m (6000 ft) at max.

take-off weight, 1678 m (5505 ft) with 8 passengers and max. fuel load

Landing distance: 1780 m (5800 ft) at max.

landing weight, 787 m (2262 ft) with 8 passengers

Range*: max. 11019 km (5950 nm)

Airspeed: 847 to max. 953 km/h (458 to 515 kt), Mach .90

Service ceiling: 16055 m (51000 ft)

Crew: 2–3 pilots plus cabin attendant

Passengers:

– Max. 13 at reduced range

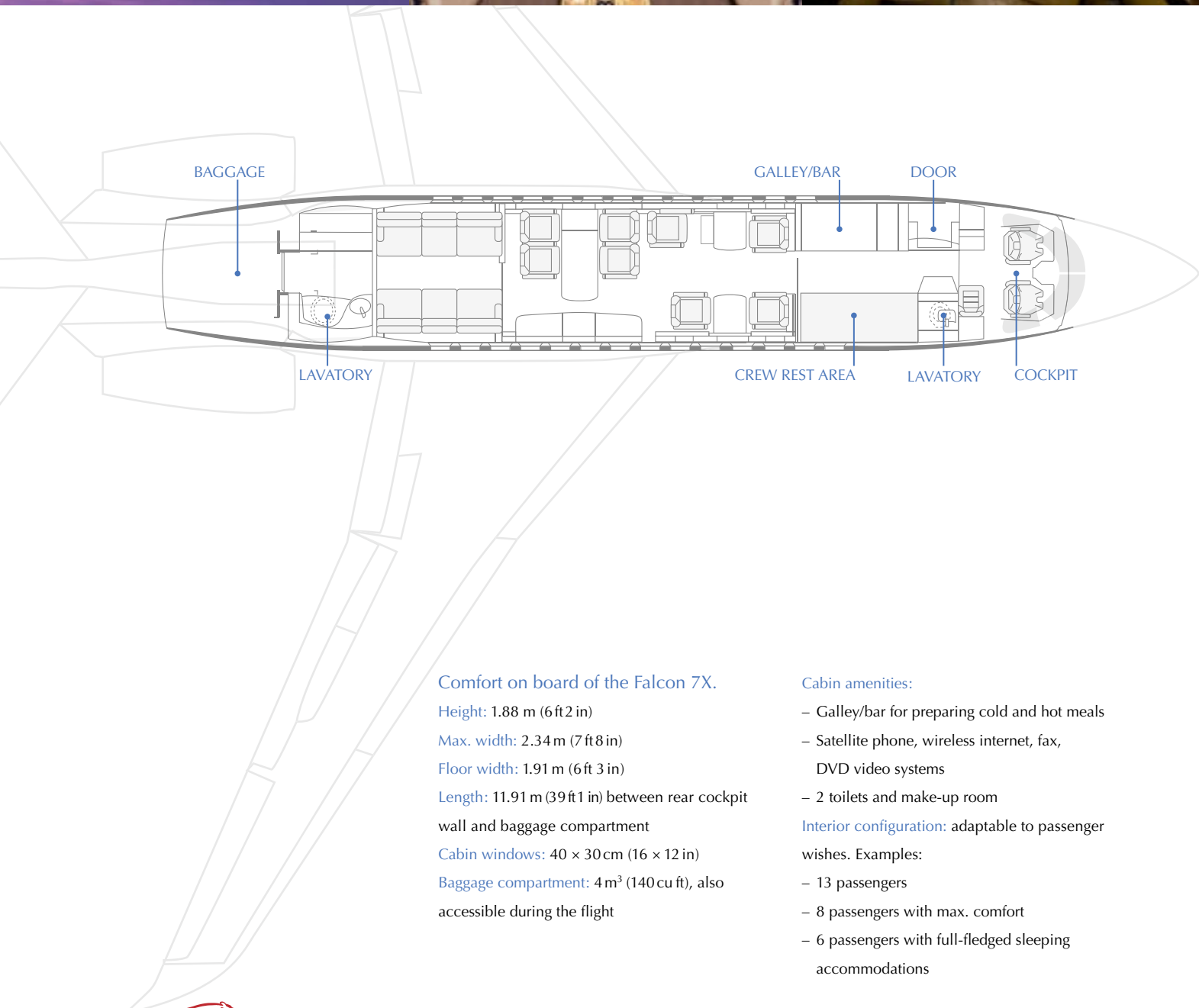
– Max. 8 at maximum range

– Max. 6 with full-fledged sleeping accommodations

The aircraft is licensed for non-stop ocean crossings and for landings in very bad weather conditions (ILS category II).

* Depending on weight, flight speed and wind conditions.

Falcon 7X – the fast, comfortable office.



Comfort on board of the Falcon 7X.

Height: 1.88 m (6 ft 2 in)

Max. width: 2.34 m (7 ft 8 in)

Floor width: 1.91 m (6 ft 3 in)

Length: 11.91 m (39 ft 1 in) between rear cockpit wall and baggage compartment

Cabin windows: 40 × 30 cm (16 × 12 in)

Baggage compartment: 4 m³ (140 cu ft), also accessible during the flight

Cabin amenities:

- Galley/bar for preparing cold and hot meals
- Satellite phone, wireless internet, fax, DVD video systems

- 2 toilets and make-up room

Interior configuration: adaptable to passenger wishes. Examples:

- 13 passengers
- 8 passengers with max. comfort
- 6 passengers with full-fledged sleeping accommodations