

# Falcon 7X

## PERFORMANCE

Range @ .80 Mach cruise (8 pax, 3 crew, NBAA IFR reserves)	5,950 nm / 11,020 km
MMO (Maximum Operating Mach Number)	Mach 0.90
Take Off Distance (SL – ISA, Max Take Off Weight)	5,710 ft / 1,740 m
Landing Distance (SL, Typical Landing Weight)	2,070 ft / 630 m
Approach Speed (Typical Landing Weight)	104 kias / 195 km/h
Max. Certified Altitude	51,000 ft / 15,545 m

## WEIGHTS/CAPACITIES

Max. Takeoff Weight	70,000 lb	31,300 kg
Max. Landing Weight	62,400 lb	28,305 kg
Basic Operating Weight	34,272 lb	15,545 kg
Max. Fuel Weight	31,940 lb	14,490 kg
Max. Payload	6,000 lb	2,720 kg

## ENGINES & AVIONICS

3 Pratt&Whitney Canada PW307A - 6,402 lb / 28.49 kN ( Max Thrust, ISA + 17°C, SL)

EASy Flight Deck (with Honeywell Primus Epic System)

## EXTERNAL DIMENSIONS

## CABIN DIMENSIONS

Height	25 ft. 8 in.	7.83 m	Cabin Length	39.1 ft	11.91 m
Length Overall	76 ft.1 in.	23.19 m	Cabin Height	6 ft.2 in	1.88 m
Wing Span	86 ft.	26.21 m	Cabin Width	7 ft 8 in	2.34 m
			Cabin Volume	1,552 ft <sup>3</sup> .	44.00 m <sup>3</sup>
			Baggage Volume	140 ft <sup>3</sup>	4 m <sup>3</sup>
			Crew / Passengers	2-3 / 8-19	

**All Falcons are EASA & FAA steep approach certified and approved for London City Airport operations**

# Falcon 900LX

## PERFORMANCE

Range @ Long Range Cruise (6 pax, 2 crew, NBAA IFR reserves)	4,750 NM / 8,800 km
MMO (Maximum Operating Mach Number)	Mach 0.87
Takeoff Distance (BFL) (S L - ISA, Max Take Off Weight)	5,360 ft / 1,635 m
Landing Distance, Typical (SL, Typical Landing Weight)	2,415 ft / 735 m
Approach Speed (Typical Landing Weight)	110 kias / 204 km/h
Max. Certified Altitude	51,000 ft / 15,550 m

## WEIGHTS/CAPACITY

Max. Takeoff Weight	49,000 lb / 22,225 kg
Max. Landing Weight	44,500 lb / 20,185 kg
Basic Operating Weight	25,815 lb / 11,710 kg
Max. Fuel Weight	20,905 lb / 9,480 kg
Max. Payload	5,050 lb / 2,290 kg

## ENGINES & AVIONICS

3 Honeywell TFE731-60 5,000 lb / 22.24 kN (Max Thrust, ISA + 17°C, SL)

EASy Flight Deck (with Honeywell Primus Epic System)

## EXTERNAL DIMENSIONS

Height	24 ft.9 in. / 7.55 m
Length Overall	66.4 in. / 20.21 m
Wing Span	70.2 in. / 21.38 m

## CABIN DIMENSIONS

Cabin Length	33 ft 2 in	10.11 m
Cabin Height	6 ft 2 in	1.88 m
Cabin Width	7 ft 8 in	2.34 m
Cabin Volume	1,264 ft <sup>3</sup> / 35.80 m <sup>3</sup>	
Baggage Volume	127 ft <sup>3</sup>	3.6m <sup>3</sup>
Crew / Passengers	2-3 / 8-19	

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# Falcon 2000LX

## PERFORMANCE

Range @ Mach 0.80 (6 pax, 2 crew, NBAA IFR reserves)	4,000 nm / 7,410 km
MMO (Maximum Operating Mach Number)	Mach 0.862
Takeoff Distance (SL - ISA, Max Takeoff Weight)	5,750 ft. / 1,750 m
Landing Distance (SL, Typical Landing Weight)	2,630 ft. / 800 m
Approach Speed (Typical Landing Weight)	113 kias / 209 km/h
Max. Certified Altitude	47,000 ft / 14,325 m

## WEIGHTS/CAPACITIES

Max. Takeoff Weight	42,800 lb / 19,414 kg
Max. Landing Weight	39,300 lb / 17,825 kg
Basic Operating Weight	23,465 lb / 10,645 kg
Max. Fuel Weight	16,660 lb / 7,557 kg
Max. Payload	6,000 lb / 2,720 kg

## ENGINES & AVIONICS

2 Pratt&Whitney Canada PW308C – 7,000 lb / 31.14 kN (Thrust, ISA + 15°C, SL)

EASy Flight Deck (with Honeywell Primus Epic System)

## EXTERNAL DIMENSIONS

## CABIN DIMENSIONS

Height	23 ft. 2 in. / 7.06 m	Cabin Length	26 ft 2 in	7.98 m
Length Overall	66 ft. 4 in. / 20.23 m	Cabin Height	6 ft 2 in	1.88 m
Wing Span	70 ft. 2 in / 21.38 m	Cabin Width	7 ft 8 in	2.34 m
		Cabin Volume	1,024 ft <sup>3</sup>	29 m <sup>3</sup>
		Crew / Passengers	2-3 / 8-19	
		Baggage Volume	130.6 ft <sup>3</sup>	3.7 m <sup>3</sup>

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# Falcon 2000S

## PERFORMANCE

Range @ Mach 0.80 (6 pax, 2 crew, NBAA IFR reserves)	3,350 nm / 6,200 km
MMO (Maximum Operating Mach Number)	Mach 0.86
Takeoff Distance (SL - ISA, Max Take Off Weight)	4,450 ft / 1,360 m
Landing Distance (SL, Typical Landing Weight)	2,600 ft / 792 m
Approach Speed (Vref) (Typical Landing Weight)	108 kias / 200 km/h
Max. Certified Altitude	47,000 ft / 14,325 m

## WEIGHTS/CAPACITIES

Max. Takeoff Weight	41,200 lb / 18,688 kg
Max. Landing Weight	39,300 lb / 17,827 kg
Basic Operating Weight	24,750 lb / 11,226 kg
Max. Fuel Weight	14,600 lb / 6,622 kg
Max. Payload	4,950 lb / 2,245 kg

## ENGINES & AVIONICS

2 Pratt&Whitney Canada PW308C – 7,000 lb / 31.14 kN (Max Thrust, ISA + 15°C, SL)

EASy Flight Deck (with Honeywell Primus Epic System)

## EXTERNAL DIMENSIONS

## CABIN DIMENSIONS

Height	23 ft. 2 in. / 7.06 m	Cabin Length	26 ft 2 in	7.98 m
Length Overall	66 ft. 4 in. / 20.23 m	Cabin Height	6 ft 2 in	1.88 m
Wing Span	70 ft. 2 in / 21.38 m	Cabin Width	7 ft 8 in	2.34 m
		Cabin Volume	1,024 ft <sup>3</sup>	29 m <sup>3</sup>
		Crew / Passengers	2-3 / 10	
		Baggage Volume	130.6 ft <sup>3</sup>	3.7 m <sup>3</sup>

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