

G450<sup>®</sup>

PERFORMANCE, WEIGHTS, DESIGN STANDARDS, INTERIOR AND EXTERIOR DIMENSIONS



# G450

LARGE CABIN  
LONG RANGE



## PERFORMANCE

*Maximum Range .....	4,350 nm	/	8,061 km
(Mach 0.80, 8 passengers, 3 crew and NBAA IFR reserves)			
Long-Range Cruise Speed .....	Mach 0.80	/	459 ktas / 850 km/h
Normal Cruise Speed .....	Mach 0.80	/	459 ktas / 850 km/h
Mmo (Maximum Operating Mach Number) .....	Mach 0.88		
Takeoff Distance (SL, ISA, MTOW) .....	5,450 ft	/	1,661 m
Landing Distance (SL, ISA, MLW) .....	3,260 ft	/	994 m
Initial Cruise Altitude .....	41,000 ft	/	12,497 m
Maximum Cruise Altitude .....	45,000 ft	/	13,716 m

## WEIGHTS

Maximum Takeoff Weight .....	73,900 lb	/	33,521 kg
Maximum Landing Weight .....	66,000 lb	/	29,937 kg
Maximum Zero Fuel Weight .....	49,000 lb	/	22,226 kg
**Basic Operating Weight (including 3 crew) .....	43,000 lb	/	19,504 kg
**Maximum Payload .....	6,000 lb	/	2,722 kg
**Payload with Maximum Fuel .....	1,800 lb	/	816 kg
Maximum Fuel Weight .....	29,500 lb	/	13,381 kg

## DESIGN STANDARDS

Engines (2) .....	Rolls-Royce Tay Mk 611-8C		
Rated Takeoff Thrust (each) .....	13,850 lb	/	61.6 kN
Passengers: Maximum .....	19		
Typical Outfitting .....	12 - 16		

## INTERIOR

Cabin Length .....	45 ft 1 in	/	13.74 m
Cabin Height .....	6 ft 2 in	/	1.88 m
Cabin Width .....	7 ft 4 in	/	2.24 m
Cabin Volume .....	1,525 cu ft	/	43.2 cu m
Baggage Compartment Volume .....	169 cu ft	/	4.8 cu m

## EXTERIOR

Length .....	89 ft 4 in	/	27.23 m
Height .....	25 ft 2 in	/	7.67 m
Wingspan .....	77 ft 10 in	/	23.7 m

\* NBAA IFR theoretical range. Actual range will be affected by ATC routing, operating speed, weather, outfitting options and other factors.

\*\* Stated weights are based on theoretical standard outfitting configurations. Actual weights will be affected by outfitting options and other factors.

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