

G500®

PERFORMANCE, WEIGHTS, DESIGN STANDARDS, INTERIOR AND EXTERIOR DIMENSIONS



Gulfstream®  
A GENERAL DYNAMICS COMPANY

# G500

LARGE CABIN  
ULTRA-LONG RANGE



## PERFORMANCE

*Maximum Range at Mach 0.80 .....	5,800 nm	/	10,742 km
*Maximum Range at Mach 0.85 .....	5,100 nm	/	9,451 km
(8 passengers, 4 crew and NBAA IFR reserves)			
Mmo (Maximum Operating Mach Number) .....	Mach 0.885		
Takeoff Distance (SL, ISA, MTOW).....	5,150 ft	/	1,570 m
Landing Distance (SL, ISA, MLW).....	2,770 ft	/	844 m
Initial Cruise Altitude .....	43,000 ft	/	13,106 m
Maximum Cruise Altitude .....	51,000 ft	/	15,545 m

## WEIGHTS

Maximum Takeoff Weight .....	85,100 lb	/	38,601 kg
Maximum Landing Weight .....	75,300 lb	/	34,156 kg
Maximum Zero Fuel Weight .....	54,500 lb	/	24,721 kg
**Basic Operating Weight (including 2 crew).....	48,000 lb	/	21,773 kg
**Maximum Payload .....	6,500 lb	/	2,948 kg
**Payload with Maximum Fuel .....	2,300 lb	/	1,043 kg
Maximum Fuel Weight .....	35,200 lb	/	15,966 kg

## DESIGN STANDARDS

Engines (2) .....	Rolls-Royce BR710 C4-11		
Rated Takeoff Thrust (each).....	15,385 lb	/	68.4 kN
Passengers: Maximum .....	19		
Typical Outfitting .....	14 - 18		

## INTERIOR

Cabin Length .....	50 ft 1 in	/	15.27 m
Cabin Height .....	6 ft 2 in	/	1.88 m
Cabin Width.....	7 ft 4 in	/	2.24 m
Cabin Volume .....	1,669 cu ft	/	47.3 cu m
Baggage Compartment Volume .....	226 cu ft	/	6.4 cu m

## EXTERIOR

Length .....	96 ft 5 in	/	29.39 m
Height .....	25 ft 10 in	/	7.87 m
Wingspan .....	93 ft 6 in	/	28.50 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.