



**2012 PHENOM 300
SERIAL NUMBER TBD**

Specifications





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The Phenom 300. The first clean-sheet light jet design in a generation has produced the ideal balance of takeoff, climb, speed and range with unprecedented comfort and economics.

The original luxurious, light-filled interior by Embraer and BMW Group DesignworksUSA is now enhanced by 14 in. of additional length, giving you a larger lavatory, a larger galley and more room throughout the whole cabin. A side-facing divan offers even more comfort and layout flexibility.

The Phenom 300's airstair door, cabin and windows are all the largest of any light jet. At 45,000 ft, the cabin stays at a pleasant 6,600 ft, the most comfortable in any light jet. The intelligent climate control allows two distinct temperature zones. The aircraft accommodates flexible configurations for up to nine occupants and a total baggage capacity of 76 cu. ft.

The aircraft sustains speeds up to 450 ktas (834 km/h) and climbs to 35,000 ft. in just 12 minutes. With a range in the top of its class, the Phenom 300 can fly 1,800 nm carrying six occupants. Taking on hot, high or short takeoff conditions with ease, the Phenom 300 can travel to Teterboro departing from Aspen on a ISA +22C day or fly more than 1,000 nm taking off from a runway as short as 3,000 ft. The PW535E turbofan, dual FADEC engines provide 3,200 lbs. of thrust, deliver an ISA +15C high flat rating and provide a time between overhaul (TBO) of 5,000 hours. The brake-by-wire system features anti-skid capability.

The Phenom 300 is the only light jet to feature standard single-point refueling as well as a standard, externally serviced lavatory for fast dispatch and quick turnaround. Engineered for an economic life of 28,000 cycles, this jet's ease-of-maintenance and long intervals between inspections, enabled by the low-intervention maintenance methodology of MSG-3, are more signs of its Embraer heritage.

ENGINES: Pratt & Whitney – PW 535-E

- Takeoff thrust – 3,200 lb
- Dual FADEC controlled
- Flat rating: ISA + 15
- TBO (hours): 5,000

PERFORMANCE:

Range IFR	1,800 nm	3,334 km
High Speed Cruise	450 ktas	834 km/h
MMO		M 0.78
Max. Operating Altitude	45,000 ft	13,716 m
Takeoff Field Length	3,700 ft	1,128 m
Engine Thrust	3,200 lbf	14.2 kN

WARRANTY:

Embraer Parts	5 years (or 5,000 FH)		
Engine	3 years (or 2,500 FH)		
Systems	3 years	Avionics	3 years
Interior	1 year	Exterior Paint	1 year

Specifications subject to verification upon inspection. Aircraft subject to prior sale.



Aircraft Photographs

