



THE AIR CHARTER GROUP



EMBRAER
PHENOM 300

LIGHT JET

Fastest cruise speed · Stand-up cabin · Intercontinental range

Up to 10

Passengers

2,010 nm

Range

453 ktas

Cruise Speed

45,000 ft

Max Altitude

~55 min

SYD – MEL

84 cu ft

Baggage

AIRCRAFT OVERVIEW

About the Embraer Phenom 300

The Embraer Phenom 300 is the pinnacle of light jet aviation. First delivered in 2009 and continuously improved ever since, the Phenom 300 has held the title of world's best-selling light jet for over a decade. Its combination of speed, range, and passenger comfort makes it the preferred choice for discerning travellers across Australia and the Asia-Pacific region.

Powered by two Pratt & Whitney Canada PW535E turbofan engines producing 3,360 lbf of thrust each, the Phenom 300 achieves a maximum cruise speed of 453 knots — faster than any other aircraft in the light jet category. This translates to real-world flight times that rival midsize jets on many Australian routes.

Unlike many light jets, the Phenom 300 features a true stand-up cabin with 4.92 ft (1.5 m) of headroom, a flat floor, and best-in-class baggage capacity of 84 cubic feet — enough for the bags of a full charter group. A rear private lavatory is standard on all variants.

The Phenom 300's range of 2,010 nautical miles (3,723 km) opens up remarkable flexibility for Australian travellers. From Sydney or Melbourne you can reach Auckland, Bali, Singapore, or Manila non-stop. From Perth, Singapore is within easy reach, removing the need for a commercial connection.

The aircraft also performs exceptionally well at shorter runways. Its takeoff requirement of just 4,001 ft (1,219 m) means it can access regional airports that larger jets cannot — including Dubbo, Tamworth, Orange, Albury, and many outback airstrips — perfect for fly-in corporate events or remote property access.

World's #1 Light Jet

Best-selling light jet globally for over 10 consecutive years — unmatched operator and passenger confidence.

Fastest in Its Class

453 knots cruise speed. You'll arrive before passengers on competing aircraft have even reached cruise altitude.

Remarkable Range

2,010 nm from any Australian city — Sydney to Singapore, Melbourne to Bali, Perth to Hong Kong.

"The world's best-selling light jet — combining the fastest cruise speed in its class, a stand-up cabin, and the range to reach New Zealand, Bali, or Singapore non-stop."

CABIN & INTERIOR



Cabin Dimensions

Cabin Length	17.16 ft (5.23 m)
Cabin Width	5.11 ft (1.56 m)
Cabin Height	4.92 ft (1.50 m)
Internal Baggage	84 cu ft (2.38 m³)
Nose Baggage	7 cu ft (0.20 m³)

Cabin Features

- Flat-floor stand-up cabin
- Fully reclinable leather executive seats
- Large oval windows with LCD shades
- Dual-zone climate control
- Private rear lavatory
- HD cabin entertainment system
- 110V / USB power at every seat
- In-flight Wi-Fi (operator dependent)

Up to 10 Passengers

Standard configuration seats 8 passengers. High-density charter layout accommodates up to 10.

PERFORMANCE SPECIFICATIONS

Flight Performance

Max Range (NBAA IFR)	2,010 nm / 3,723 km
High-Speed Cruise	458 ktas / 848 km/h
Long-Range Cruise	453 ktas / 839 km/h
Max Operating Altitude	45,000 ft
Rate of Climb	3,700 ft/min
Takeoff Distance	4,001 ft (1,219 m)
Landing Distance	2,890 ft (881 m)

Aircraft & Engine

Manufacturer	Embraer
Engines	2x PW Canada PW535E
Thrust per Engine	3,360 lbf
Max Takeoff Weight	17,157 lb (7,781 kg)
Fuel Capacity	6,594 lb (2,991 kg)
Wingspan	52.2 ft (15.9 m)
Overall Length	51.2 ft (15.6 m)

453 ktas

Cruise Speed

Fastest light jet

2,010 nm

Max Range

Syd – Singapore

45,000 ft

Ceiling

Above turbulence

3,700 ft/min

Climb Rate

Rapid ascent

* Performance figures are approximate and may vary based on payload, atmospheric conditions, and route planning.

ROUTES & KEY ADVANTAGES

Typical Australian Charter Routes

FROM	TO	FLIGHT TIME	DISTANCE
Sydney	Auckland	~3 hr 30 min	1,340 nm
Sydney	Singapore	~8 hr 30 min	~3,360 nm *
Melbourne	Bali	~6 hr	~2,290 nm *
Perth	Singapore	~5 hr	~2,250 nm *
Brisbane	Cairns	~2 hr	870 nm
Sydney	Melbourne	~55 min	370 nm

* These routes may require a technical fuel stop. Flight times are approximate and weather-dependent.

Why Choose the Phenom 300

Fastest in Class

At 453 knots, the Phenom 300 is the fastest light jet in the world. You'll arrive before passengers on competing aircraft have even reached cruise altitude.

True Stand-Up Cabin

4.92 ft of headroom and a flat floor make the in-flight experience closer to a midsize jet — and unlike anything else in the light jet category.

Exceptional Range

2,010 nautical miles means Sydney to Singapore, Melbourne to Bali, or Perth to Hong Kong — with a single technical stop or none at all.

Short-Field Capability

Takeoff in just 4,001 ft. Access Dubbo, Tamworth, Orange, remote cattle stations, and coastal strips impossible for larger jets.

Best-in-Class Baggage

84 cu ft of internal capacity accommodates ski bags, golf equipment, or full luggage for 8 passengers — without compromise.

10 Years at Number One

The Phenom 300 has outsold every other light jet globally for over a decade — a testament to its reliability, comfort, and operator value.

GALLERY



Charter Your Phenom 300 Today

Contact our team for availability and a personalised quote.

1800 960 304 · info@theairchartersgroup.com.au · theairchartersgroup.com.au