

LEGACY 650

BY EMBRAER

SPECIFICATION

IT'S WHERE YOU WANT TO BE

A JET DESIGNED FOR TODAY.

The Legacy 650 makes perfect business sense in today's market. A Large jet with incredible range, comfort and reliability.

PERFORMANCE DATA

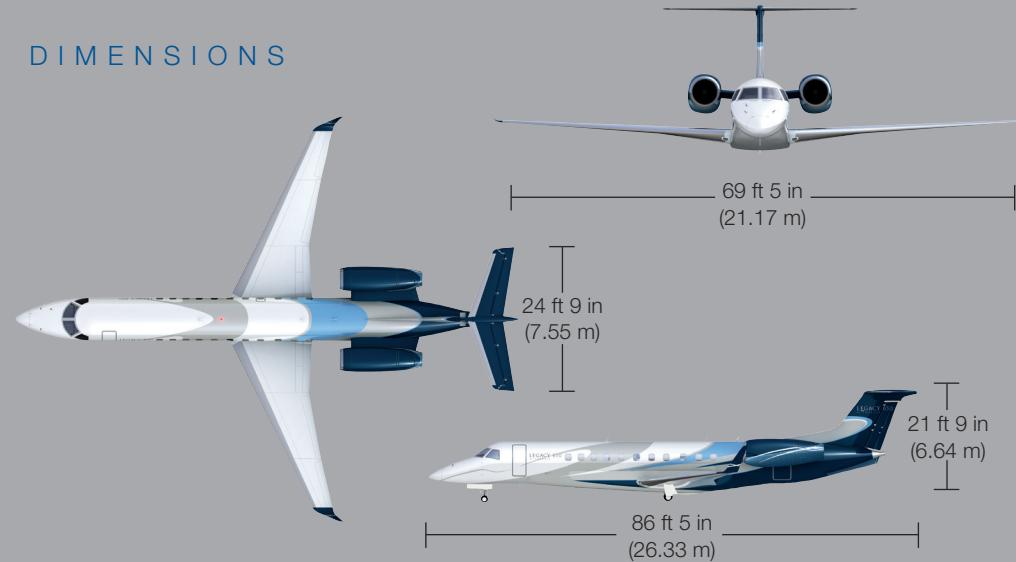
Range @ 4 pax (LRC, NBAA IFR res.)	3,900 nm / 7,223 km
Range @ 8 pax (LRC, NBAA IFR res.)	3,840 nm / 7,112 km
Maximum Operating Speed	M 0.80
Normal Speed Cruise	M 0.78
Take-off Distance (MTOW, SL, ISA)	5,741 ft / 1,750 m
Landing Distance (MLW, SL, ISA)	2,855 ft / 870 m
Maximum Payload	4,938 lb / 2,240 kg
Service Ceiling	41,000 ft / 12,497 m
Propulsion	Rolls Royce AE 3007 A2
Engines Thrust / Flat Rating	9,020 lb / ISA + 15°C
Avionics	Honeywell Primus Elite™
Seating Capacity (crew + standard pax/max pax)	2 + 13 / 14
Baggage Capacity	286 cu.ft / 8.1 m³



TRAVEL IN TOTAL COMFORT.

When we created the interior of the Legacy 650 we wanted to make it as comfortable and versatile as possible. With three truly distinct cabin zones, some passengers can work, while others choose to sleep or dine. There are also 22 windows which provide plenty of natural light and a ceiling high enough to accommodate tall passengers.

DIMENSIONS



CROSS SECTION



TYPICAL INTERIOR CONFIGURATION



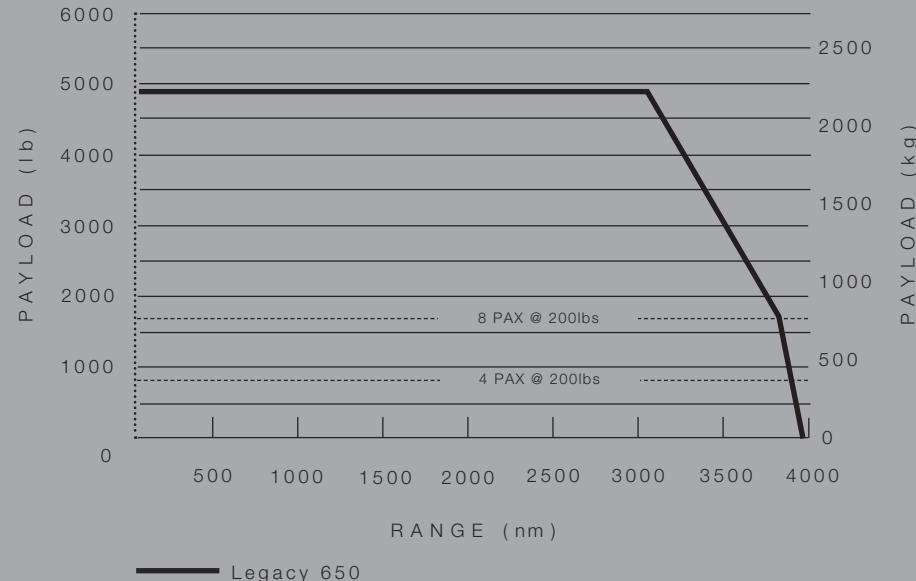
AN IRREPRESSIBLE PERFORMER.

Besides the great range, the Legacy 650 has outstanding performance capability in hot and high destinations such as Dubai, Aspen, Telluride, Toluca and even La Paz.

It's also one of the largest executive jets allowed to land in Cannes and London City.



PAYLOAD VS. RANGE.



LRC, NBAA IFR reserves (200 nm alternate, 35 min of holding @ 5,000 ft)

THE LATEST IN AVIONICS TECHNOLOGY.



WEATHER UPLINK

Know what the weather holds with high resolution NEXRAD Radar, lightning and satellite imagery, METARS, plus winds aloft and freezing level available on the MFD (currently only available in the USA).



CHARTS & MAPS

Airports maps and charts with SIDS, STARS, NOTAMS and noise procedures can now be presented on the MFD, which reduces workload and paper.



RNP

RNP 0.3 increases access to terrain challenged airports, high traffic airspaces and lowers minima in poor weather conditions.



LPV WAAS

LPV approaches will allow minimums as low as 200ft AGL, even in airports without ILS. This significantly increases your chances of accomplishing a mission in bad weather conditions.

GET WHERE YOU WANT TO BE, WITHOUT THE STOPOVERS.

Not only can the Legacy 650 fly from London to New York and back again, but it can take you directly from Dubai to London, São Paulo to Miami or Dubai to Singapore.



TETERBORO



LONDON



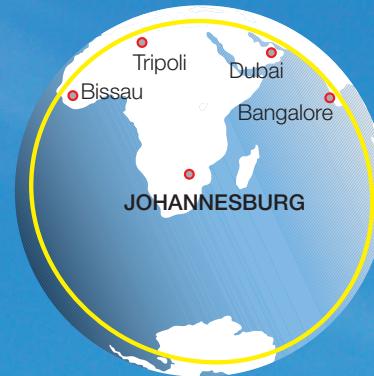
MOSCOW



BEIJING



SÃO PAULO



JOHANNESBURG



DUBAI



MUMBAI

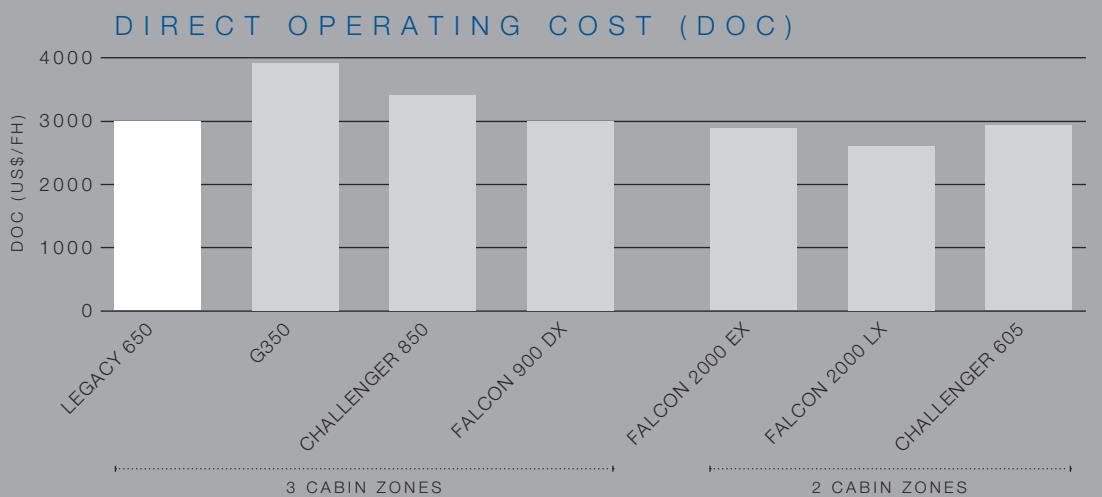
3900 nm, 4 passengers @ 200lb each, LRC, ISA temperature in route, 85% annual winds, 85% takeoff temperatures, 3% airways allowances, NBAA IFR reserves - 200nm alternate airport, 35min holding at 5,000ft



THE SMART BUSINESS CHOICE.

The Legacy family's superb service experience – 99.8% dispatch reliability over 16 million flight hours, 13 million cycles and counting – has led to extended intervals between specific maintenance tasks. The result? A 50% reduction in the maintenance-hour per flight-hour ratio, that is one of the best in the market. You'll find the Legacy 650 is remarkably efficient. Not only does it cost less to operate than aircraft with the same cabin size, it actually costs the same as aircraft with only two cabin zones.

Source: Conklin & de Decker - The Aircraft Cost Evaluator 2010. Volume 1. Ver 4.9.0



ALL THE SPACE YOU NEED.

The baggage compartment of the Legacy 650 is the largest in its class and fully accessible during flight.

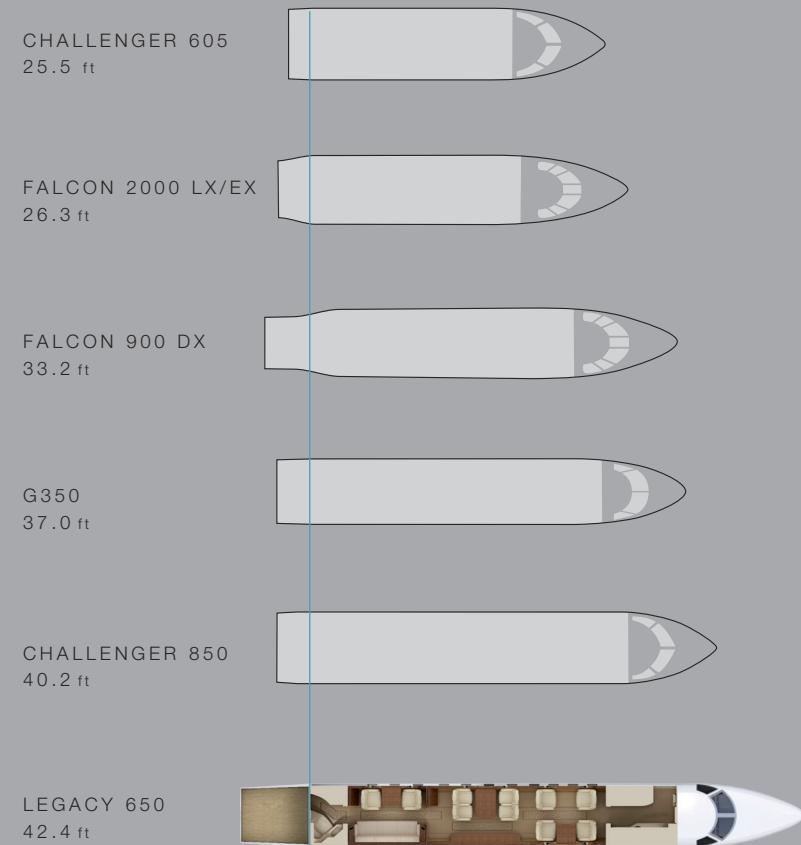
BAGGAGE VOLUME



Source: Conklin & de Decker. *The Aircraft Cost Evaluator 2010. Volume 1 Ver. 4.9.0*



CABIN LENGTH



Source: B&CA May 2010

AT YOUR SERVICE.

Our heritage in commercial jets since 1969 means we have many years of experience delivering excellent customer support. We have used this to develop a specific program for the Executive Jets market, which is customized to each client's needs. There are Embraer Executive Jet Service Centers located around the world, which means you will never be far away from a service center, dedicated to executive jets.

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New locations for Embraer Authorized Service Centers under development.

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