



FIRST EMBRAER PRAETOR 500 CONVERSION IN EUROPE

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Embraer announced the completion of the first European conversion of a Legacy 450 to a Praetor 500 for an undisclosed customer. The conversion was performed at the Embraer Executive Jets Service Center at Le Bourget International Airport, in Paris, France. “These conversions are only made possible by the expertise of structures and avionics specialists, mechanics, logistics teams, and engineers from Embraer operations around the globe,” said Johann Bordais, President & CEO, Embraer Service & Support. “Per Embraer’s strategy for the future, we are consistently investing in and expanding our portfolio, focused on offering our customers the industry’s best services and support.”

Located at one of the busiest airports in Europe, 20 minutes from downtown Paris, the Le Bourget Service Center has been in operation since 2012, providing routine checks, scheduled and unscheduled maintenance, and offering the unique ability to deploy rescue teams, specialized in executive jets support and maintenance, throughout Europe.

The full process to convert a Legacy 450 (2,900 nautical miles range) into a Praetor 500 (3,340 nautical miles range) can be performed at the following Embraer Owned Service Centers: Le Bourget, Windsor Locks, Connecticut (US), Fort Lauderdale, Florida (US), and Sorocaba, in Brazil. In total, Embraer has already converted 11 Legacy 450s into Praetor 500s.

In order to generate the impressive range improvements, synonymous with the Praetor 500, the level-sensing wiring in the fuel tanks was replaced, the over-wing gravity fueling ports were moved, the fuel-measurement system was relocated, and the wing ribs were reinforced to hold additional weight. These adjustments entailed updates to the flight control systems, including a new avionics load for the acclaimed Collins Aerospace Pro Line Fusion flight deck.

Most noticeably, the iconic swept winglets of the Praetor were installed, and the placards and logos were replaced to officially convert the Legacy 450 into a Praetor 500. With the Praetor 500 comes an unparalleled blend of technology, comfort, and performance. In terms of technology, the Praetor 500 features the industry-first E2VS — a head-up display that combines synthetic and enhanced vision. Plus, it's the only midsize business jet with full fly-by-wire flight controls and turbulence reduction capability.

Comfort abounds in the Praetor 500 cabin as it's the only midsize business jet to feature a true six-foot-tall, flat-floor cabin, stone flooring, a wet galley, and a vacuum lavatory — all with best-in-class baggage space. As for performance, the conversion to a Praetor 500 entails an intercontinental range of 3,340 nautical miles (6,186 km) with four passengers and NBAA IFR Reserves.

With Embraer's commitment to continually improving each of the four aircraft in its industry-leading business jet portfolio, recent updates to the Praetors include enhancements for cabin safety — a standard HEPA air filter, the MicroShield 360™ cleaning solution, and electric lavatory pocket door — plus the certification of a synthetic vision guidance system (SVGS).

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