



THE LAUNCH A NEW PHENOM 300 FULL-FLIGHT SIMULATOR FOR U.S. MARKET - EMBRAER & CAE

News / Business aviation, Events / Festivals, Maintenance / Trainings



Embraer and CAE announced that Embraer-CAE Training Services will offer a new full-flight simulator for the Phenom 300E during the second half of 2022 to meet the growing demand for business jet training in the U.S. This new FFS will be operated by ECTS, a joint venture between Embraer and CAE. The FFS's location will be defined by ECTS in the coming months.

“Our purpose with the new FFS, besides offering our customers additional capacity for training in the U.S., is to bring the latest technological updates of the aircraft and simulation technology, while providing the highest level of service to the market as the number of Phenom 300E deliveries continues to grow,” said Johann Bordais, President & CEO, Embraer Services & Support.

The best-selling light jet in the world for nine years in a row, the Phenom 300E leads the way in terms of technology, performance and comfort. The light jet, which has 600 units in operation, is capable of reaching Mach 0.80 and offers unmatched avionics—including Runway Overrun and Awareness Alerting System (ROAAS), Emergency Descent Mode, coupled go-around, and more—allowing customers to reach their destinations quicker and with superior comfort.

“We are happy to help Embraer enhance pilot training,” said Nick Leontidis, CAE Group President, Civil Aviation Training Solutions. “Through this important initiative we will help meet the growing demand for business jet pilots by combining innovative methodologies, knowledgeable instructors, and advanced simulation technology.”

Currently, there are six simulators for the Phenom family of business jets in three different training locations: Dallas (U.S.), London Burgess Hill (UK) and Guarulhos (Brazil).

The Phenom 300E performs among the top light jets, with a high-speed cruise of 464 knots and a five-occupant range of 2,010 nautical miles (3,724 km) with NBAA IFR reserves. With the best climb and field performance in its class, the Phenom 300E costs less to operate and maintain than its peers. The aircraft is capable of flying at 45,000 feet (13,716 meters), powered by two Pratt & Whitney Canada PW535E1 engines with 3,478 pounds of thrust each.

The Phenom 300E offers a spacious cabin with the Embraer DNA Design and its baggage compartment is among the largest in its category. The largest windows in the class deliver abundant natural lighting in the cabin as well as in the private lavatory. The comfort of the seats, with recline and full movement capability, is enhanced by the best pressurization among light jets (6,600 ft. maximum cabin altitude). The Phenom 300E features distinct temperature zones for pilots and passengers, a wardrobe and refreshment center, voice and data communications options, and an entertainment system.

The pilot-friendly cockpit enables single-pilot operation and offers the advanced Prodigy Touch Flight Deck, based on the acclaimed Garmin 3000 avionics suite. The features it carries from a class above include single-point refueling, externally serviced lavatory, and an air stair.

13 OCTOBER 2021

ARTICLE LINK:

<https://virginia.50skyshades.com/news/maintenance-trainings/the-launch-a-new-phenom-300-full-flight-simulator-for-us-market-embraer-cae>