

# Piaggio P180 Avanti – Garmin GTN 750 Flight Deck Upgrade



Aircraft system upgrades and modifications are fundamental to the continued performance and enduring airworthiness of matured and reliable aircraft platforms. RUAG is your partner for the expert integration and efficient installation of the Garmin GTN 750 flight deck upgrade, providing the only EASA-approved STC. Expanding the capabilities for your P180 Avanti to state-of-the-art performance ensures enhanced operation, heightened situational awareness, improved safety and extended aircraft value.

## Reliability

Continued and successful flight operation requires reliable maintenance solutions, system upgrades and modifications for compliance with the latest air safety regulatory advisories. If the flight deck is still equipped with vintage or original, electro-mechanical analogue instrumentation or first-generation electronic flight instrument system (EFIS) suites, it may be time to consider upgrading to a state-of-the-art digital flight deck. Decision factors may include the extra weight and higher energy consumption incurred by these older technologies. Spare parts availability may be incomplete, as well.

## EASA-Approved STC

The Garmin GTN 750 flight deck is an approved and certified, award winning system. It is well established with hundreds of installations worldwide, offering extensive optional interface capabilities such as TAWS A or B terrain alerting and TCAS collision avoidance. Providing the only EASA-approved STC for the Garmin upgrade, and as a Piaggio Authorised Service Centre and Garmin Authorised Dealer, RUAG Aviation ensures a timely and accurate system integration.

## Garmin GTN 750 – Product Features

- High resolution, color LCD touch screen interface
- Full P-RNAV and LPV capabilities
- XPDR Enhanced Surveillance
- Dual new Mode S Diversity ADS-B Out Transponders
- Extensive optional interface capabilities:
  - TAWS A or B terrain alerting
  - TCAS collision avoidance
- Front loading SDC card reader for quick database update
- Weight reduction of 14–15 kg
- Award winning product

## Benefit

- State-of-the-art flight deck
- Increased situational awareness and pilot comfort
- Extended aircraft value
- Enhanced operational flexibility and reliability
- Improved flexibility for future upgrade installations
- Compliance with essential and latest requirements of Air Safety Agencies
- Modern avionics weigh less, need less space, have a lower energy consumption and need less maintenance