



PC-12 PRO RECEIVES SAFETY AUTOLAND CERTIFICATION

News / Business aviation, Manufacturer



Progressive. Proven. Professional. The all-new PC-12 PRO introduces a completely redesigned cockpit built around the Garmin G3000 PRIME Integrated Flight Deck. Equipped with advanced technologies, including Safety Autoland, the PC-12 PRO sets a new benchmark as the most technologically advanced, high-performing, and reliable aircraft in its class. Further reinforcing its leadership in safety, the Safety Autoland system has received certification from both EASA and FAA.

The PC-12's reputation as one of the safest aircraft in its category is built on decades of proven operational performance. With the PC-12 PRO, Pilatus enhances that legacy by introducing additional layers of safety, including the certified Safety Autoland system. Extensive testing during the final certification phase focused on validating the technology's performance under realistic operating conditions, demonstrating a seamless automated process from system engagement to landing, communications management, and post-landing engine shutdown.

A smart safety solution for critical situations

Safety Autoland is engineered to respond when it matters most. In the event of sudden pilot incapacitation, such as a medical emergency, the system can be activated at the press of a button or automatically engage if pilot inactivity is detected.

Once activated, Safety Autoland assumes full control of the aircraft and immediately notifies all occupants that an automated landing sequence is underway. It simultaneously analyzes a wide range of data, including weather conditions, aircraft status, navigation information, terrain, and fuel reserves.

Using this information, the system identifies the most suitable airport by evaluating factors such as runway length, wind conditions, weather, and remaining fuel. It then calculates a safe and efficient flight path while avoiding terrain and obstacles.

Throughout the autonomous flight, Safety Autoland manages all critical aircraft systems required for landing, including flap deployment, landing gear operation, lighting, and de-icing systems. It prepares the aircraft for a stabilized approach and safe touchdown.

The system also automatically handles radio communications, transmitting on the appropriate frequencies to keep air traffic control and ground personnel informed, ensuring coordinated support throughout the entire operation.



A proven engine on board

At the heart of every single-engine aircraft lies its most critical component: the engine. The PC-12 PRO is powered by the latest generation of the legendary Pratt & Whitney Canada PT6, widely regarded as one of the most reliable aircraft engines ever produced. With more than 60,000 engines delivered and over 400 million flight hours accumulated worldwide, the PT6 family has established an unparalleled reputation for reliability, performance, and dependability.

Beyond its proven powerplant, the PC-12 PRO also supports more sustainable operations.

Compared with similar twin-engine turboprops, it generates lower CO₂ emissions and is certified to operate on Sustainable Aviation Fuel (SAF) blends, helping operators reduce their environmental footprint without compromising performance.

Together, these advancements make the all-new PC-12 PRO the most technologically advanced, capable, and dependable aircraft in its class. Completely reimaged while remaining unmistakably Pilatus, the PC-12 PRO represents the next chapter in single-engine aviation excellence. The most advanced single has landed.



24 SEPTEMBER 2026

ARTICLE LINK:

<https://mfa.50skyshades.com/news/business-aviation/pc-12-pro-receives-safety-autoland-certification>