

Pilatus PC-12



The PC-12 is a single-engine, turbo-prop, fixed-wing aircraft which combines slow-speed and high-speed capability, with a large payload capacity. These characteristics enable this aircraft to deploy rapidly and operate safely in remote areas.

This medium-range aircraft has enhanced the effectiveness and efficiency of Air and Marine Operations by providing increased mission versatility, including aerial surveillance and logistical support, removable sensor consoles, and state-of-the-art electro-optical/infrared sensors and reduced operating costs.

Keys to the success of the PC-12s, which fly with a crew of two (pilot and sensor operator), are their endurance, and small deployment footprint. The aircraft's short-field capabilities include mission take-off in 2,300 feet and a landing distance of 1,800 feet. Video recorders document suspect activities for evidentiary use.

PC-12s are capable of high-altitude detection and surveillance, rapid relocation of enforcement personnel, and provide surveillance support to the Department of Homeland Security and other government, state, local and tribal agencies.

Performance and Weights:

- Maximum Speed
 236 knots (271 mph)
- Service Ceiling Altitude 30,000 feet
- Range
 1,040 nautical miles (1,196 miles)
- Endurance4 hours
- Maximum Gross Weight 9,921 pounds

Features:

 Electro-optical/infrared sensor with laser designator, which allow pilots to maintain awareness of targets in all environments.