

PILATUS



Special Missions

PC-24
PC-12



Mission Success
Starts Here.

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01

Pilatus Multi-Mission Platforms

Access and Flexibility
Creates Advantage.



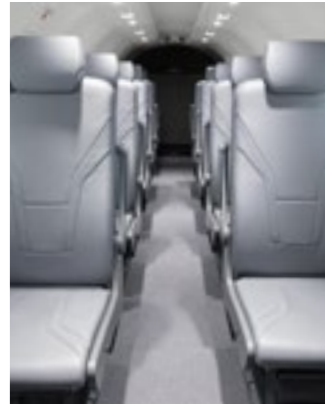


A World-Renowned Manufacturer

Pilatus is the world-renowned design authority in manufacturing custom Special Missions aircraft for law enforcement, air ambulance, search and rescue, transport and utility, and multi-mission teams. Each PC-12 PRO turboprop and PC-24 jet is engineered and constructed from the ground up, to the individual specifications of every customer and agency.

Incorporating a wide range of systems and equipment from a host of industry-leading suppliers, we ensure a fully-certified, turnkey solution, designed to maximize operational effectiveness and achieve mission success.

Ready for any mission, any time.



These rugged, field-proven, versatile aircraft from Pilatus can be transformed to perform a wide range of special mission roles. The PC-12 PRO and PC-24 combine high speed, long range, large cabin, cargo door, fuel efficiency, low maintenance, and short unimproved runway operation to create a unique asset unmatched by anything else in the field. One highly efficient platform, capable of accomplishing many critical missions.

02

Highlights



Purpose-Built
Flexibility.

Highlights

PC-24

PC-12 PRO

Short & Unpaved Runways The PC-12 PRO and PC-24 can use very short runways. Able to land and take off from runways made of dirt, gravel, grass, and even snow, both aircraft can arrive closer to the ultimate destination, and save overall transit time.

Huge Cabin Space You will enjoy more space than other assets costing twice as much. A flat floor allows ample room for mission specific equipment, crew comfort, and the ability to easily load just about any cargo.

Cargo Door No other aircraft in this class features a standard cargo door in addition to a main passenger door. Designed to allow a forklift to load a standard pallet directly into the cabin for a fast, efficient turnaround.

Unmatched Versatility The PC-12 PRO and PC-24 are used around the world by owner pilots, corporations, charter and fractional companies, air ambulances, special missions, search and rescue, cargo, and law enforcement agencies. This extreme versatility gives operators confidence that their investment in an aircraft made by Pilatus is a sound strategy.





Proven Reliability With millions of flight hours in some of the most demanding environments on earth, the PC-12 and PC-24 have proven themselves where it counts – in the field.

Quality & Durability The extreme attention to detail and exquisite craftsmanship are apparent throughout the aircraft. Robust engineering and meticulous manufacturing excellence contribute to the legendary performance.

Low Cost The PC-12 PRO costs one-third less to acquire and operate than its twin-engine turboprop competitors, while the PC-24's cabin volume tops business jets costing almost twice as much.

First Class Support At Pilatus, our primary objective is to keep you flying. For several consecutive years, our customer support has been rated Number 1 in the business turboprop market.

THE MOST ADVANCED SINGLE

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| Mission Flexibility
Without Compromise.

Progressive, Proven, Professional



The PC-12 fleet has proven itself in well over eleven million flight hours and more than 2,500 aircraft spanning nearly three decades. The Special Missions platform is a multi-role, rapidly reconfigurable aircraft designed to consolidate diverse mission sets such as intelligence, surveillance, and reconnaissance (ISR), medical transport, VIP movement, and cargo, within a single, cost-efficient asset.



Advanced Cockpit Environment with Safety Autoland.



At the core of the new PC-12 PRO is its updated Advanced Cockpit Environment (ACE), powered by the Garmin G3000 PRIME Integrated Flight Deck. Fully customized by Pilatus, it features a proprietary Cursor Control Device, track-based synthetic vision, and exclusive visual customization. It provides pilots with superior solutions for ease of operation in all flight conditions.

By integrating Garmin's full suite of advanced safety technologies – including the Safety Autoland function – the PC-12 PRO delivers an exceptional level of operational safety. This is further enhanced by refined Stall Warning & Protection and Electronic Stability & Protection systems, providing increased envelope protection and pilot support. A newly upgraded weather radar, featuring a larger antenna, offers enhanced detection capability and improved situational awareness in all operating conditions.



PC-12 SPECTER

Eyes Everywhere.
Access Anywhere.

The PC-12 Specter is a true multi-mission platform engineered for rapid role reconfiguration. The seating, mission consoles, and flooring system are all designed for quick removal and re-installation, enabling seamless transitions between surveillance, cargo, and VIP transport configurations. This modular approach minimizes downtime, reduces reconfiguration effort, and allows operators to adapt the aircraft to evolving mission requirements with maximum efficiency and flexibility.



Law Enforcement

The PC-12 Specter has been adopted by leading federal, state, municipal and international law enforcement agencies as the “go-to platform” for surveillance, transport, border protection, and airborne operation control.

With its pressurized cabin, high-altitude ceiling, and long standoff distance, the Specter’s powerful, yet fuel efficient engine enables it to sprint to the target area and remain on station for an extended period of time.



Dynamic Tools for Surveillance & Pursuit.

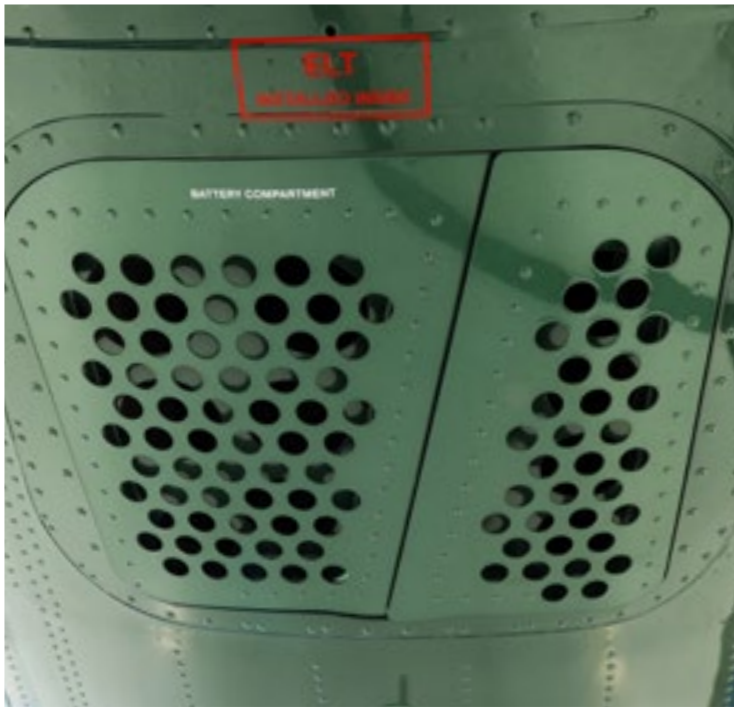
Configured with the PC-12 Specter intelligence, surveillance, and reconnaissance (ISR) suite, the aircraft features a deployable electro-optical and infrared sensor lift delivering full 360-degree in-flight coverage, controlled via a dedicated mission operator station and tactical flight officer console. By integrating real-time imaging, secure ground communications, extended loiter endurance, and high dash speeds, the platform provides one of the most versatile and cost-effective ISR solutions available today.



Customized Control Center. Precision Camera Detail.



The PC-12 Specter can be configured with a multitude of optional workstations and communications equipment to tailor the aircraft to the unique needs of each operator. Pilatus maintains strong working relationships with prime systems integrators to develop highly modified solutions unique to each customer's mission requirements.



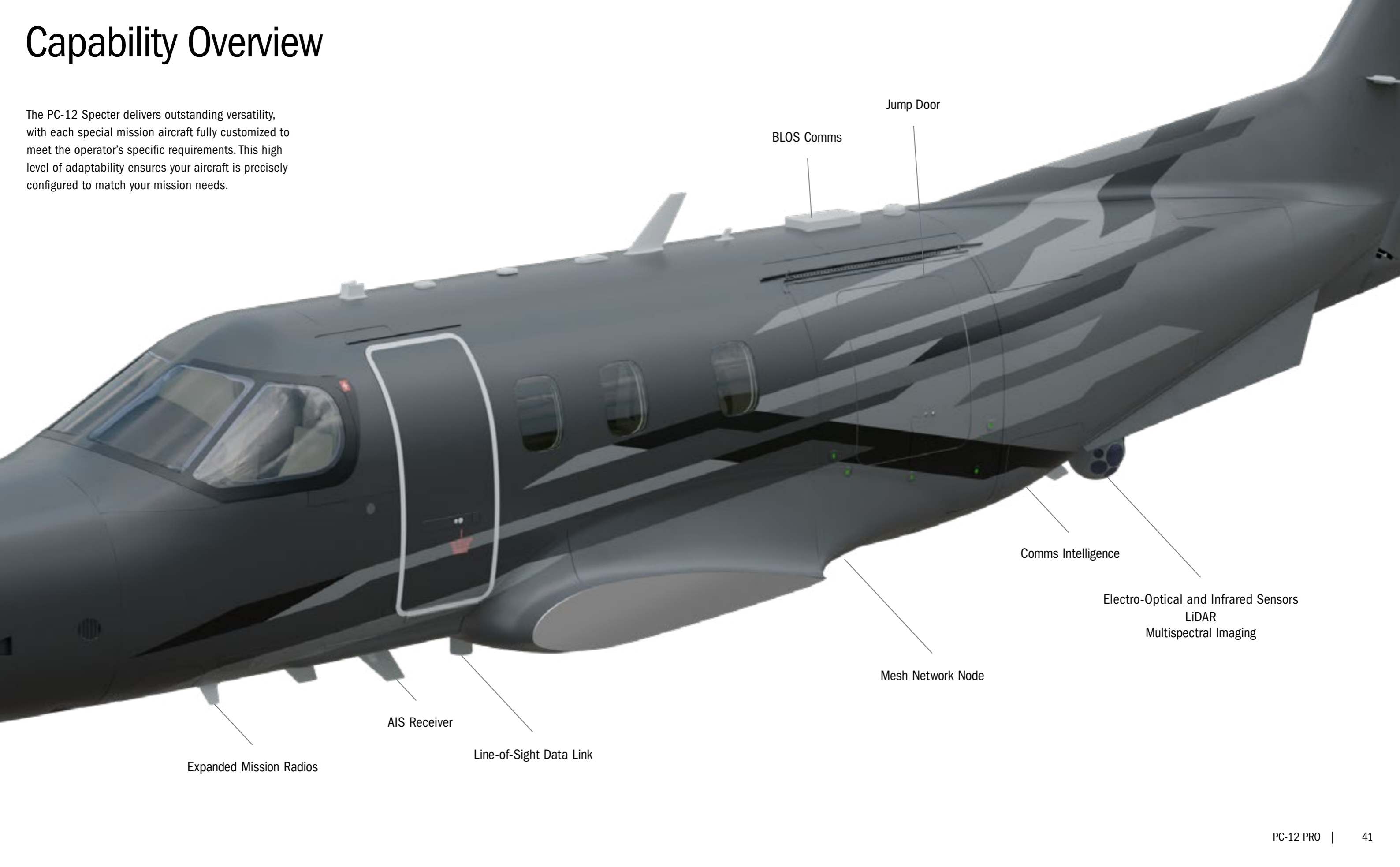
Longer Loiter Time. Advanced Detection.

The PC-12 Specter is capable of greater range and longer loiter times compared to rotor-based aircraft, affording the best opportunity for search and rescue mission success. The aircraft can be equipped with a specialized lift system based on a Supplemental Type Certificate. It is designed to accommodate sensor payloads up to 15 inches (38.1 centimeter). The high-definition video feed is seamlessly displayed in the cockpit, offering a range of electro-optical and infrared imaging options.



Capability Overview

The PC-12 Specter delivers outstanding versatility, with each special mission aircraft fully customized to meet the operator's specific requirements. This high level of adaptability ensures your aircraft is precisely configured to match your mission needs.



Expanded Mission Radios

AIS Receiver

Line-of-Sight Data Link

BLOS Comms

Jump Door

Mesh Network Node

Comms Intelligence

Electro-Optical and Infrared Sensors
LiDAR
Multispectral Imaging



Optimum care.
Any time, anywhere.

Air Ambulance



In critical situations, delivering advanced medical care quickly can rapidly mean the difference between life and death. The PC-12 PRO, configured with a dedicated medical interior, functions as a true airborne Intensive Care Unit (ICU) – enabling medical teams to provide continuous, high-acuity care from the point of injury through transport.



Rapid Response with Room to Spare.

The large cargo door and flat-floor design enable rapid, safe patient loading, easily accommodating stretchers, advanced medical equipment, and support staff. Customize the PC-12 PRO to maximize patient treatment and transport capability and integrate a wide range of leading medical loading systems from top-tier interior providers.





Versatile Cabin. Maximum Patient Comfort and Safety.

The thoughtfully designed interior supports advanced life-support systems, patient monitoring equipment, and optimized medical workflows – enabling clinicians to stabilize and treat critically ill or injured patients throughout flight. Pilatus works with all leading medical interior and equipment providers to incorporate best-in-class solutions tailored to each operator's specific mission and clinical requirements.



Search & Rescue



The PC-12 PRO is designed to operate in the harshest environments otherwise only accessible by helicopter, with the speed, range and economy of a fixed-wing aircraft.

Ideal for difficult search and rescue missions, the PC-12 PRO is capable of take off from a short, unpaved field, limiting the need for multiple rescue transport connections.

When extra space is needed, the commuter seats can quickly be removed to make room for a stretcher. The large cargo door allows easy access to the cabin for loading and removal of patients and cargo.



Setting the
New Standard

VIP Transport & Utility

The perfect balance of utility, comfort, and efficiency. Equally suited to the needs of fleet operators and special mission teams alike, the rugged versatility of the PC-12 PRO is unmatched. Easily load gear and equipment through the pallet-sized cargo door. The high payload capacity ensures nothing gets left behind. The durable cabin and seating stands up to the demands of every mission, while providing the necessary comfort to keep your passengers and crew relaxed and refreshed for the next leg of their journey.



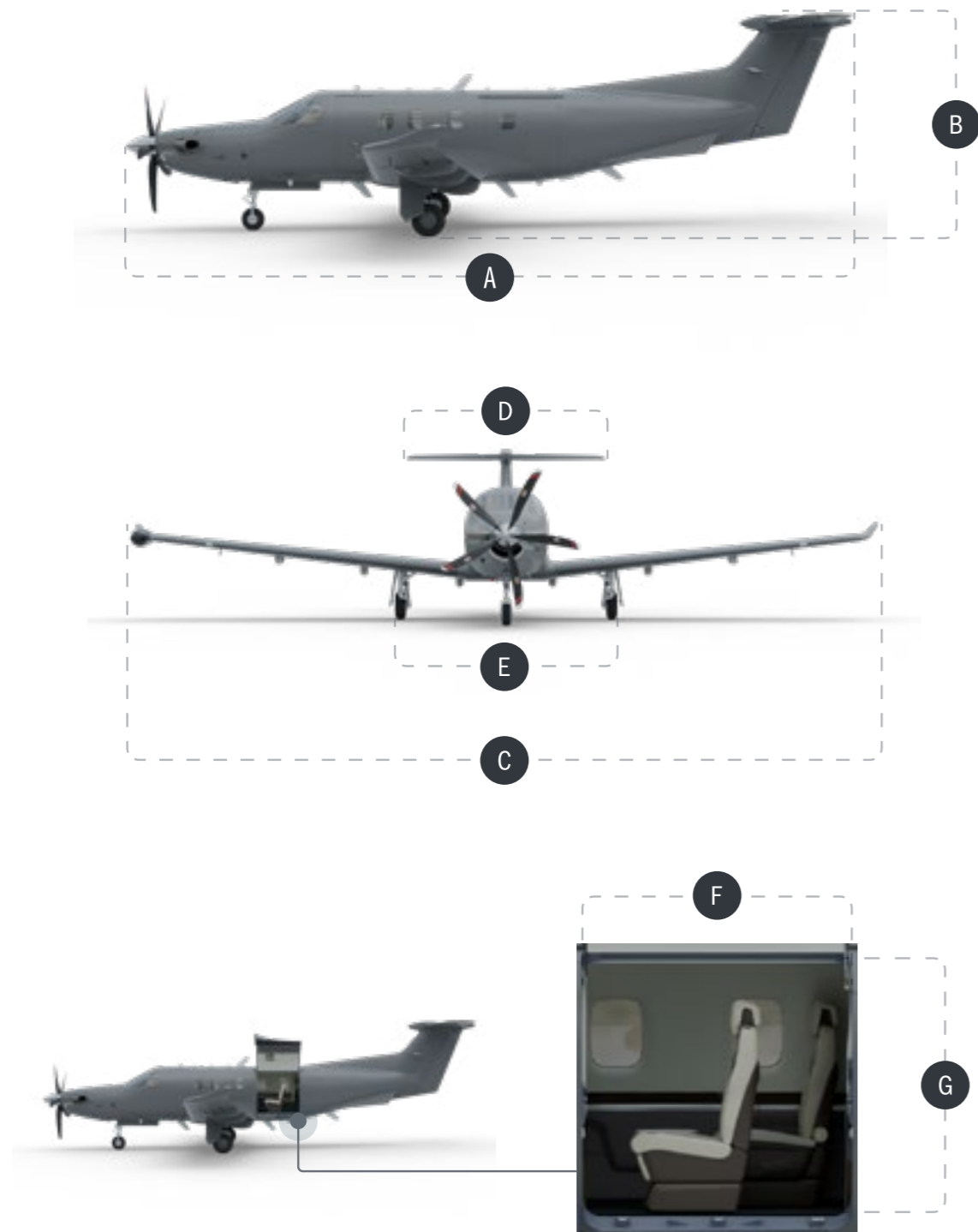
Comfort in Any Configuration.



Whether the mission calls for high-density commuter seating, or rapid deployment of personnel and equipment, the PC-12 PRO delivers exceptional transport and utility flexibility. The cabin can be quickly reconfigured from passenger layouts to combi or full cargo configurations.

Technical Data & Personalization

Exterior View



Dimensions

	U.S.	Metric
A - Length	47 ft 3 in	14.40 m
B - Height	14 ft 0 in	4.26 m
C - Wing span	53 ft 5 in	16.28 m
D - Horizontal tail span	17 ft 1 in	5.20 m
E - Landing gear width	14 ft 10 in	4.53 m
F - Cargo door width	4 ft 5 in	1.35 m
G - Cargo door height	4 ft 4 in	1.32 m
Wing area	277.80 ft ²	25.81 m ²
Turn radius, wing tip <small>Nose wheel steering and braking</small>	35 ft 7 in	10.86 m
Turn radius, outside main gear <small>Nose wheel steering and braking</small>	16 ft 6 in	5.03 m
Passenger door height	4 ft 5 in	1.35 m
Passenger door width	2 ft 0 in	0.61 m

Interior View



2 Operator + 5 Crew



Executive 6 Seat Interior



Executive 6 + 2 Seat Interior



9 Seat Commuter



4 Crew + LiDAR



4 Crew Combi



Cargo



Air Ambulance

Dimensions

	U.S.	Metric
A - Cabin length	16 ft 11 in	5.16 m
B - Cabin width	5 ft 0 in	1.52 m
C - Cabin height	4 ft 9 in	1.45 m
Cabin floor width	4 ft 3 in	1.30 m
Cabin volume	326 ft ³	9.23 m ³
Baggage compartment volume	34.3 ft ³	0.97 m ³



More Interior Configurations

Powerplant

Manufacturer	Pratt & Whitney Canada
Model	PT6E-67XP
Rated thermodynamic power	1,845 shp
Normal take-off power	1,200 shp
Climb flat-rating	1,200 shp
Cruise flat-rating	1,100 shp
Time Between Overhaul (TBO)	5,000 h

Propeller

	U.S.	Metric
Hartzell full-reversing 5-blade composite		
Propeller speed (constant)		1,700 rpm
Propeller speed (low)		1,550 rpm
Propeller ground clearance	12.5 in	0.32 m
Time Between Overhaul (TBO)		4,000 h

Kinds of operations

Visual Flight Rules (VFR)
Instrument Flight Rules (IFR)
Day and night
Flight into known icing conditions
Single or dual-pilot operation
Operations from paved and unpaved surfaces

Warranty

Airframe	7 years	5,000 h
Propeller	6 years	4,000 h
Engine	5 years	2,500 h
Avionics	5 years	
Systems	3 years	3,000 h
Interior & Paint	2 years	2,000 h

THE SUPER VERSATILE JET

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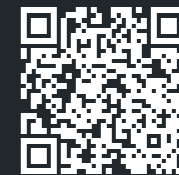
Flying redefined.



More Range, More Payload, and Even More Possibilities.

The PC-24 Super Versatile Jet is the only aircraft combining the cabin size of a midsize jet with best-in-class payload capability, extended range, a large standard cargo door, and the versatility you expect from an aircraft engineered by Pilatus.

The outstanding short-field performance of the PC-24 opens up an incredible level of mobility. The combination of short runway capability and certification for operation on grass, gravel, dirt, and snow offers a distinct advantage, giving you the ability to access thousands of additional airports and remote locations which remain inaccessible to traditional jets.



Watch the Video
Rough Field Landing

Incredible Power and Control for a Single Pilot



The PC-24 Honeywell Advanced Cockpit Environment (ACE) offers a wealth of functions and a smart, exceptionally user-friendly cockpit certified for single-pilot operations, reducing the pilot's workload to improve safety. Features include the Smartview synthetic vision system on each primary flight display, Traffic Collision Avoidance System (TCAS) I, Dual Flight Management System (FMS), and the proprietary Cursor Control Device (CCD), for ease of navigation.



Multi-Mission Ready.

The PC-24 delivers the ultimate blend of passenger comfort, providing ample room for VIP passengers, special mission teams and gear, patients, medical personnel and Intensive Care Unit (ICU) level equipment, plus additional cargo. With the PC-24's best-in-class cargo capacity of 3,100 lbs (1,406 kg), you can bring it all. Numerous interior options from passenger transport to air ambulance and other governmental missions allow for creation of a unique PC-24 that is mission-ready for all operations.





Air Ambulance

The PC-24 has proven itself dutifully as a first-responder providing support to teams airlifting critical patients from remote areas, inaccessible by traditional ground-based transport, saving precious time and lives. The ability to operate from short, unimproved runways, or even roads, allows the PC-24 to provide aid in a way that no other aircraft can. The Super Versatile Jet is the world's first medevac aircraft equipped with a patient door and lift, eliminating the need for crews to squeeze their patients through the passenger door.





Professional Medical Care in the Air.



Specific oxygen, vacuum and power supply systems ensure continuous patient monitoring and care. Additional safety is provided by a second, separate power supply system for the cabin and communication systems for the medical crew, enabling uninterrupted support.

Besides the medical equipment, the spacious pressurized cabin can accommodate beds for three patients plus additional seats for medical personnel. The cabin can be quickly and flexibly reconfigured to suit each particular mission.

Pilatus - A reliable partner when it comes to saving lives.



VIP Transport & Utility

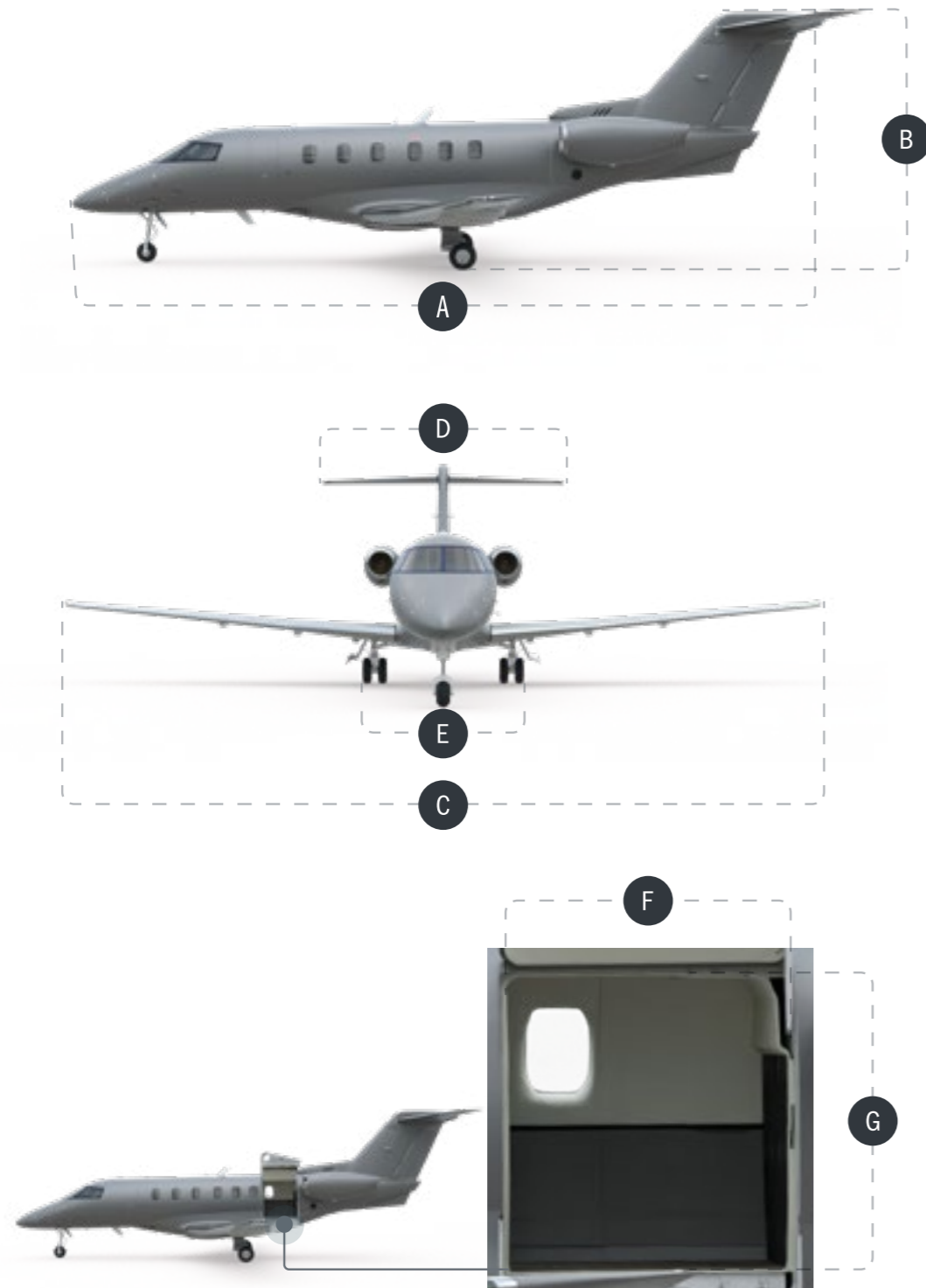
The PC-24 delivers the ultimate blend of passenger comfort, the finest interior craftsmanship and unmatched cabin customization. There is plenty of room for your valuable belongings, carried in a heated and fully pressurized cabin section, which is accessible at any time during the flight.

You can tailor the exceptionally spacious cabin volume to your unique requirements, from luxury VIP transport, nine-seat commuter configuration, to a full cargo or combination layout. Easily reconfigurable to accommodate your unique passenger and cargo needs.



Technical Data & Personalization

Exterior View



Dimensions

	U.S.	Metric
A - Length	55 ft 2 in	16.80 m
B - Height	17 ft 4 in	5.30 m
C - Wing span	55 ft 9 in	17.00 m
D - Horizontal tail span	22 ft 4 in	6.80 m
E - Landing gear width	10 ft 11 in	3.30 m
F - Cargo door width	4 ft 1 in	1.25 m
G - Cargo door height	4 ft 3 in	1.30 m
Wing area	332.70 ft ²	30.91 m ²
Turn radius, wing tip	41 ft 4 in	12.60 m
Turn radius, outside main gear	19 ft 5 in	5.90 m
Passenger door height	4 ft 5 in	1.34 m
Passenger door width	2 ft 0 in	0.61 m

Interior View



Commuter



Executive 6+2 Seat



Executive Double Club



Air Ambulance - 3 Stretcher + 4 Crew



Air Ambulance - 2 Stretcher + 6 Crew



Air Ambulance - Role Change



Combi



Cargo

Dimensions

	U.S.	Metric
A - Cabin length	23 ft 0 in	7.02 m
B - Cabin width	5 ft 7 in	1.69 m
C - Cabin height	5 ft 1 in	1.55 m
Cabin floor width	3 ft 10 in	1.16 m
Cabin volume	498 ft ³	14.10 m ³
Baggage compartment volume (aft partition in forward position)	90 ft ³	2.50 m ³
Baggage compartment volume (aft partition in aft position)	51 ft ³	1.40 m ³



More Interior Configurations

Miscellaneous

Airframe maintenance schedule	600 h/annual
Certification	EASA CS 23 and FAA FAR 23, Commuter Category
Design service life	30,000 h/30,000 landings
Dual wheel main landing gear with low pressure tires (72 psi)	
Single-point pressure refueling port	

Powerplant

Manufacturer	Williams International	
Model	FJ44-4A QPM	
Normal take-off thrust per engine	3,420 lbf	1,551 kgf
Automatic thrust reserve allowing thrust increase to	3,600 lbf	1,633 kgf
Time Between Overhaul (TBO)	5,000 h	
Hot section inspection interval	2,500 h	
Scheduled inspection interval	600 h	
Dual channel Full Authority Digital Engine Control (FADEC)		
Aircraft cooling or heating on the ground under own power (Quiet Power Mode)		

Kinds of operations

Visual Flight Rules (VFR)
Instrument Flight Rules day and night (IFR)
Private (FAR Part 91, EASA Part-NCC) and commercial (FAR Part 135, EASA Part-CAT) operations
Flight into known icing conditions
Single or dual-pilot operations
Operations from paved and unpaved surfaces
CAT II certified (optional equipment)

Warranty

Airframe	7 years	5,000 h
Engine	5 years	2,000 h
Avionics	3 years	N/A
Interior, Paint & Systems	2 years	2,000 h

Fly Pilatus Contact Us Now.

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Pilatus Special Missions

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