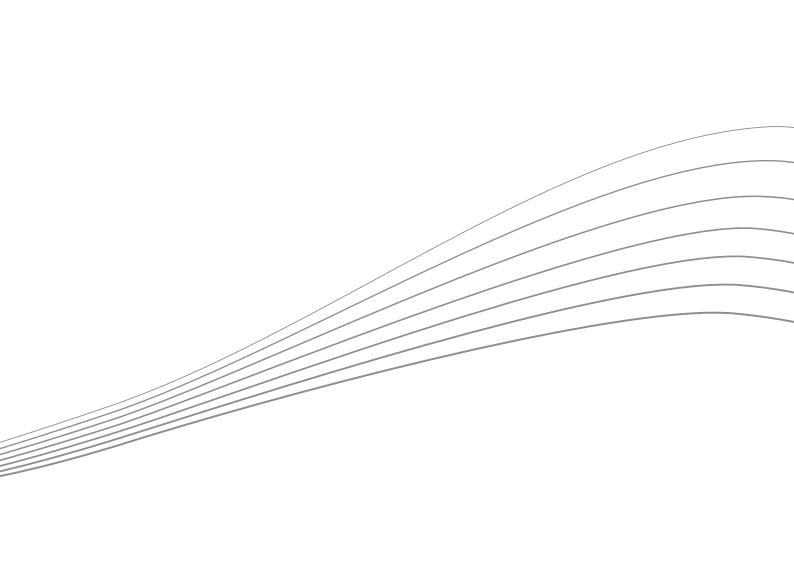
THE WORLD'S GREATEST SINGLE SPECIAL MISSION



■PILATUS



PC-12 NGX







SUCCESS BREEDS SUCCESS

LEADERSHIP IS EARNED

Leadership is never self-appointed. It is forged over time by actions, deeds, and respect earned by experience. Leaders are trusted because they've proven over time that they do the right thing in the toughest of situations. With over 80 years of experience building rugged, dependable, industrial-grade, precision-crafted utility aircraft, Pilatus has earned a solid reputation as the provider of some of the most versatile and reliable special mission aircraft in the world.

Pilatus began crafting special mission aircraft with the P-2 military trainer in 1942. The Pilatus Porter PC-6 introduced in the early 60s has been heralded as one of the most extraordinary bush planes ever built.

Today, Pilatus produces the PC-7 MkII and PC-21 training aircraft used by the world's best air forces, and the extremely adaptable PC-12 operated globally by governments, militaries, and humanitarian support organisations in some of the most extreme operating conditions. With the introduction of the PC-24, the world's first Super Versatile Jet, Pilatus is committed to the future innovation of special mission aircraft.

Serving both civilian and military markets, Pilatus continues its reputation as the leader in precision engineering by incorporating the most modern design techniques in every aircraft it produces. Operators of Pilatus aircraft can also rely on the highest level of service and support to ensure that when called into action, the PC-12 is always ready to accomplish the mission.





SUCCESS BREEDS SUCCESS FOR MULTI MULTI MISSIONS The Pilatus PC-12 fleet has proven itself in well over PC-12 to take on multiple missions for its operators, eight million flight hours and more than 1,800 aircraft extending its value beyond that of any other fixed or in a wide variety of roles including surveillance, rotor wing aircraft. While remarkable in its reconnaissance, jump and utility drop, border patrol, capabilities, the PC-12 allows special mission command and control, law enforcement, disaster operators to provide greater mission capability on response, cargo, personnel transport and air ambulance. reduced budgets. The PC-12 is extraordinarily fuel efficient and requires little maintenance. The cost to The combined features of the PC-12's outstanding acquire, operate, and maintain a single PC-12 is onerange, payload capacity, fuel efficiency, cabin space, third less than that of its twin-engine competition, and and huge cargo door make it uniquely adaptable as a a fraction of the cost of utilising rotor wing assets for

the same missions.

true multi-role platform. This versatility enables the





MILITARY

The PC-12 Spectre™ is actively deployed by special operations insiders in some of the most austere and harsh environments around the globe. Its long loiter time on station with high-speed dash capability and long range combine to create a truly compelling, multi-role, multi-mission aircraft that is the definition of "mission fit".

Configured with the PC-12 Spectre™ intelligence, surveillance, and reconnaissance (ISR) package, the large-volume PC-12 Spectre™ houses a deployable electro-optical and infrared sensor lift for an in-flight 360 degree view controlled through a mission operator station and tactical flight officer. Combining real-time imaging and ground communication with long loiter capability and high dash speeds results in the most flexible and cost-effective intelligence, surveillance and reconnaissance (ISR) platform in the air.

The PC-12 Spectre™ 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.

The PC-12 Spectre's™ 25" × 39" (0.64 m × 0.99 m) innovative utility and jump door is designed as a door within a door. Built directly into the aircraft's standard cargo door, it can be used to deploy parachute specialists or air-drop supplies and relief goods. What's more, this added feature does not compromise any of the mission capability of the PC-12 Spectre™. When jump or drop operations are completed, the aircraft is easily re-pressurised and may climb back to altitude for high-speed, fuel efficient cruise performance. Back on the ground, the full functionality of the PC-12 Spectre's™ cargo door is retained.



An optional integrated utility and jump door increases the number of roles while retaining the standard cargo door functionality.



When jump or drop operations are completed, the PC-12 is re-pressurised to climb back to altitude for high-speed performance.







LAW ENFORCEMENT

Many people think of the PC-12 as a private business aircraft. What most people don't realise is that the "executive" aircraft sitting on the ramp may actually be carrying sophisticated surveillance and communication equipment in the air.

The PC-12 Spectre™ 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.

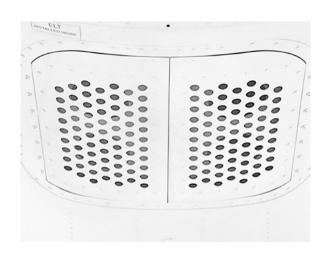
With its pressurised cabin, high-altitude ceiling, and long standoff distance, the PC-12 Spectre™ is virtually undetectable by subjects under surveillance. The PC-12's powerful, yet fuel-efficient Pratt & Whitney PT6A-67 turboprop engine enables it to sprint to the target area and remain on station for an extended period of time.

The operator console has provisions for full control of the electro-optical and infrared sensors. The lift mechanism for the sensor is completely integrated into the tailcone of the PC-12 Spectre™, yet easily deploys for a full 360 degree hemispheric view of ground activity. Imagery from the sensor can be displayed on both the cockpit multi-function display and the operator's console for complete crew coordination. Evidence may be recorded on ship, or even data linked in real time to ground-based personnel. The Pilatus PC-12 Spectre™ is the critical link in law enforcement command and control.

The PC-12 Spectre™ 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.



The retractable electro-optical and infrared sensor deploys quickly in flight.



On the ground, it retains a covert profile, looking like a "normal" airplane.

MAPPING & CARTOGRAPHY

Two hatches (53×53 cm and 53×23 cm) can be installed in the PC-12's floor. The hatches can be used for large scale survey cameras, multi-spectral scanner, hyperspectral scanner and light detection and ranging (LIDAR) scanner enabling photography and scanning at the same time. Mission profiles include cadastral mapping, cartography, environmental studies, urban planning, as well as oil and gas exploration. The ability to deploy the PC-12 for different missions is a strength of this

aerial surveying modification. The floor windows are part of the pressure vessel so that high altitude scanning missions can be accomplished. A multi-role configuration enables easy installation of floor panels in place of the hatches, enabling your PC-12 to be used for regular cargo or transport purposes. And of course, the PC-12 comes with a cargo door as standard. This means you can easily remove the camera installation.



On the ground, it retains a covert profile.



The two hatches can be opened in flight enabling scanning and photography at the same time.



AIR AMBULANCE

Real disasters require rapid response by governments, military personnel, medical staff and relief agencies. The ability to carry large loads and operate from short, unimproved runways or even roads allows the PC-12 to provide aid in a way that no other aircraft can. The PC-12's large cargo door and flat floor facilitate quick turns reloading pallets of supplies on the ground or air-lifting critically injured patients.

The PC-12 has proven itself dutifully as a first-responder providing support to teams helping people impacted by the earthquake in Haiti, Hurricane Katrina, COVID-19 and in relief efforts throughout the world.

Even more, the reconfigurable cabin can easily transform a single asset into a tool for multiple missions. Intelligence, surveillance and reconnaissance, medevac, personnel transport, cargo hauling – no other aircraft matches the life saving capability, efficiency, and reliability of the PC-12.



The air ambulance configuration provides room for two patients, medical crew and equipment.



The large cargo door and patient loading system provides unparalleled cabin access for medevac operations.





HUMANITARIAN AID

Ideal for difficult humanitarian missions, the PC-12 enjoys a following of aviators who appreciate the precision Swiss construction and unique characteristics of the ten-seat aircraft. The ability to take off from a short, unimproved field is just one of many attributes that set this aircraft aside from all others.

The PC-12 is also built for efficiency, durability and ease of flying. With a proven and powerful engine to get you out of tight places and smart avionics, the PC-12 is the safest airplane in its class. The huge

cargo door allows easy access to the cabin for loading and removal of freight. When extra space is needed, the commuter seats can be quickly removed and a stretcher can be installed. A pressurised cabin volume of 330 ft³ (9.34 m³) and a maximum payload of 1,014 kg (2,235 lb) allow unbeaten flexibility.

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



Huge cargo door as standard for easy loading.



Commuter interior with optional stretcher for patient transport.

All seats can be quickly added or removed.



THE FUTURE OF TURBOPROP TECHNOLOGY

Only the Pilatus PC-12 NGX offers the advanced avionics of high-end business jets tailored for the single pilot. Featuring an autopilot optimised for stability and smoothness, and SmartView™ synthetic vision with performance-based head-up display symbology, the Advanced Cockpit Environment (ACE™) sets the bar for ultimate control and situational awareness without a steep learning curve.

Safety of flight is the highest priority of Pilatus, and the new PC-12 NGX includes an array of new technologies like tactile feedback in unusual attitudes, an Emergency Descent Mode (EDM), and a Crew Alerting System (CAS) that automatically calls up the appropriate electronic checklist on the multi-function display. Powerful. Intuitive. Safe. It's what you expect from Pilatus.





WORLDWIDE PROVEN

MADE FOR HARSH CONDITIONS. LIKE BUDGET MEETINGS

The PC-12, like all aircraft by Pilatus, is precisionengineered and crafted with the purpose of operating day-in and day-out in harsh environments around the globe. Pilatus' experience of building high performance turboprop aircraft for the world's militaries provides a solid foundation for understanding the demands that are placed on aircraft which must be available for duty at a moment's notice.

The PC-12 fleet has racked up over eight million flight hours operating in remote regions of the Arctic, across the deserts of Australia, over the waters of the North Atlantic and in the mountains of Southwest Asia.

The PC-12's modern, yet simple and intuitive systems make troubleshooting and repair a breeze, especially for units used to working with older twin-turboprops, jets, or turbine helicopters. Consequently, the PC-12 requires far fewer man-hours of maintenance per flight hour than aircraft traditionally used for special mission roles.

PC-12 operators have consistently ranked Pilatus customer service the highest amongst all other turboprop aircraft manufacturers. The bottom line is that the PC-12 simply gives you more up-time and mission readiness. It is the aircraft you can count on any day, anytime, anywhere.

WORLDWIDE PROVEN

SWEET TO BE SINGLE

Believing the power of the single-engine design lies in the marriage of technology and simplicity, development of the PC-12 called upon Pilatus' long history of building training aircraft for the worlds' air forces. It should come as no surprise that safety and reliability were at the top of the list of design goals for the PC-12. The aircraft is equipped with numerous redundant and fail-safe systems and structures, and powered by the Pratt & Whitney Canada PT6, considered to be the most dependable aircraft engine ever built.

The reliability of modern turbine engines is so high that an engine malfunction is rarely the primary contributor to an accident. In fact, according to a National Transportation Safety Board report, an engine failure in a twin turboprop is four times more dangerous than in a single. This is because a single doesn't suffer from asymmetric thrust in the event of powerplant failure, so the pilot can concentrate on landing the aircraft rather than regaining control.

Actual accident statistics show that the PC-12 has a safety record as good or better than its twin-engine counterparts*.

* Source: Robert E. Breiling Associates, 2015

Aircraft	Accident Rate (per 100,000 flight hours)
PC-12	0.60
All Single Engine Turboprop Aircraft	1.85
All Twin Engine Turboprop Aircraft	1.87
U.S. Fleet of All Business Jets 1964-2015	0.87



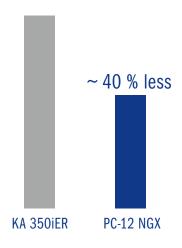
The Pratt & Whitney Canada PT6E-67XP engine combines legendary PT6 performance with the segment's first dual-channel integrated Electronic Propeller and Engine Control System featuring autothrottle. Constant monitoring of performance data yields optimal flight conditions and an increase in TBO intervals.

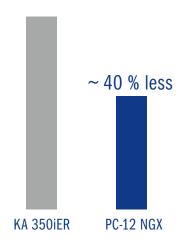




ACQUISITION COST

OPERATIONAL COST





WORLDWIDE PROVEN

THE REAL KING OF SPECIAL MISSIONS IN THE AIR

It's the new reality – you are under constant pressure to do more with less. More missions need to be supported with fewer people and less budget to accomplish them. Surveillance, command and control, personnel transport, medevac, cargo movement. Up until now, each mission required its unique set of equipment and specialized personnel to manage and operate the assets. In today's world, it's time to think differently about how you get the job done, and the PC-12 is the solution.

The Pilatus PC-12 costs around 40 percent less to acquire and operate than its twin-engine turboprop competitor. Whether operating a single aircraft or a fleet, the life-cycle cost savings of operating a PC-12 results in the ability to truly do more with less. Much less.

^{*}Typically equipped price as published in Business & Commercial Aviation magazine, 2019.

Operating costs calculated with source data from Conklin & deDecker Aircraft Cost Evaluator.



WHY OWN A PC-12?

TEN REASONS

1. SHORT RUNWAYS

The PC-12 can use runways as short as 2,485 feet (758 m) at its maximum weight. Operate closer to your ultimate destination and save overall transit time.

2. UNPAVED RUNWAYS

Able to operate from runways made of dirt, gravel, and grass, the PC-12 can access places you've never been before in this type of aircraft.

3. CABIN SPACE

With 330 ft3 (9.34 m3) of cabin volume, 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 you can fit inside.

4. CARGO DOOR

No other aircraft in this class features a standard cargo door in addition to a main passenger door. Designed to allow a fork-lift to load a standard pallet directly into the cabin for quick turn and efficient loading.

5. VERSATILITY

PC-12s are used around the world by owner-pilots, corporations, charter and fractional companies, air ambulances, special missions, cargo and law enforcement agencies. This extreme versatility gives operators confidence that their investment in a PC-12 is a sound strategy.

6. PROVEN RELIABILITY

With well over eight million flight hours in some of the most demanding environments on earth, the PC-12 has proven itself where it counts – in the field.

7. QUALITY AND 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 of the PC-12.

8. BETTER FUEL EFFICIENCY

The PC-12 requires far less fuel and fewer man-hours of maintenance per flight hour than aircraft traditionally used for special mission roles.

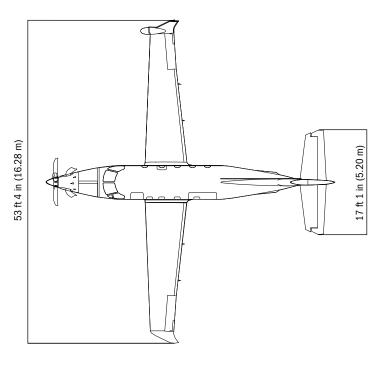
9. LOW COST

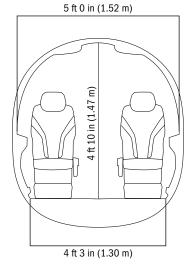
The PC-12 costs one-third less to acquire and operate than its twin-engine turboprop competitors.

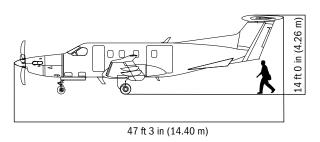
10. FIRST-CLASS SUPPORT

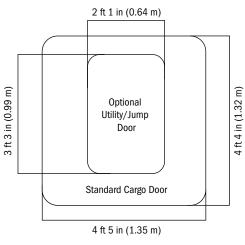
At Pilatus, our primary objective is to keep you flying. Our business model is not built on profiting from your down time. For 18 consecutive years, Pilatus customer support has been rated number 1 in the business turboprop market.

DIMENSIONS AND WEIGHTS











DIMENSIONS (EXTERIOR)		WEIGHTS			
Wing span	53 ft 4 in	16.28 m	Maximum ramp weight	10,495 lb	4,760 kg
Wing area	277.80 ft ²	25.81 m ²	Maximum take-off weight	10,450 lb	4,740 kg
Length	47 ft 3 in	14.40 m	Maximum landing weight	9,921 lb	4,500 kg
Height	14 ft 0 in	4.26 m	Maximum zero fuel weight	9,039 lb	4,100 kg
Horizontal tail span	17 ft 1 in	5.20 m	Usable fuel (402 U.S. gallons)	2,704 lb	1,227 kg
Turn radius, wing tip	35 ft 7 in	10.86 m	Maximum payload	2,650 lb	1,202 kg
Turn radius, outside main gear	16 ft 6 in	5.03 m	(standard interior)		
DIMENSIONS (INTE	RIOR)		POWERPLANT		
Cabin length (cockpit/cabin	16 ft 11 in	5.16 m	Manufacturer	Pratt & Whit	ney Canada
partition to aft pressure bulkhead)			Model		PT6E-67XP
Cabin width	5 ft 0 in	1.52 m	Rated thermodynamic power		1,845 shp
Cabin floor width	4 ft 3 in	1.30 m	Normal take-off power	1,200 shp	
Cabin height (continuous flat floor)	4 ft 10 in	1.47 m	Climb flat-rating	1,200 shp	
Cabin volume (cockpit/cabin partition to aft pressure bulkhead)	330 ft ³	9.34m^3	Cruise flat-rating		1,100 shp
			Time Between Overhaul (TBO)		5,000 h
Baggage compartment volume (all baggage internally accessible)	40 ft ³	1.13 m³	PROPELLER		
			Hartzell full-reversing 5-blade	composite	
Passenger door height	4 ft 5 in	1.35 m	Propeller speed (constant)		1,700 rpm
Passenger door width	2 ft 0 in	0.61 m	Propeller speed (low)		1,550 rpm
			Propeller ground clearance	12.5 in	0.32 m
Cargo door height	4 ft 4 in	1.32 m	Time Between Overhaul (TBO)		4,000 h
Cargo door usable width	4 ft 5 in	1.35 m			

PERFORMANCE

TAKE-OFF DISTANCE

Over 50 ft (15 m) obstacle 2,485 ft 758 m (MTOW, ISA, sea level, dry paved runway)

RATE OF CLIMB

MTOW, sea level 1,920 ft/min 9.75 m/s
Time to climb sea level to FL 250 19 min
(direct climb)

CRUISE

Maximum cruise speed (FL 220) 290 KTAS 537 km/h

LOITER PAYLOAD/RANGE

(NBAA IFR reserves of 100 nm, long range cruise, ISA, FL 300, single pilot operation, 6 seat executive configuration)

VFR reserves (11 h 17 min) 2,132 nm 3,949 km NBAA/IFR (10 h 4 min) 1,904 nm 3,526 km

ALTITUDE

Maximum certified altitude 30,000 ft 9,144 m

LANDING DISTANCE

Over 50 ft (15 m) obstacle 2,170 ft 661 m (MLW, ISA, sea level, dry paved runway)

STALL SPEED

Landing configuration 67 KIAS 124 km/h (MLW, ISA, sea level)

LOADING

Wing $37.6 \text{ lb/ft}^2 183.7 \text{ kg/m}^2$ Power 8.71 lb/shp 3.95 kg/shp

All data shown valid for PC-12 NGX. Some equipment may be optional. Some elements of the PC-12 and its optional equipment may be strictly regulated by the US Department of State in accordance with the guidelines in the International Traffic in Arms (ITAR) per title 22, Code of Federal Regulations (CFR), Parts 120-130 and/or the United States Bureau of Industry and Security US Department of Commerce. All sales and deliveries are subject to license approval by the respective governing agency. End-User certificates must be supplied. Users must comply with all local, state and federal laws. Descriptions of Pilatus products and systems are published for information purposes only and does not constitute an offer to sell. Some images used in this brochure may depict options and/or equipment not included in the standard aircraft price. Data is subject to change without notice.

AVIONICS AND MISCELLANEOUS

PILATUS ACE™ AVIONICS SYSTEM

 ACE^{IM} stands for "Advanced Cockpit Environment" system specifically developed for the Pilatus PC-24 and PC-12 NGX.

Key features:

- · Four 10-inch LCD displays
- SmartView[™] Synthetic Vision System with HUD based performance symbology
- · Interactive Navigation (INAV) System
- Fully integrated Automatic Flight Control System (AFCS)
- Dual Flight Management System (FMS)
- Traffic Alert and Collision Avoidance System I/II (TCAS)
- · Graphical Flight Planning
- · Touch screen controller
- · Autothrottle
- Cursor Control Device (CCD)

ELECTRICAL POWER SYSTEMS

The PC-12 incorporates five independent power generation sources consisting of:

- Generator 1 28V, 300A generator
- Generator 2 28V, 300A starter/generator
- Battery 1 24V, 42Ah
- Battery 2 24V, 42Ah
- Emergency Power Supply 24V, 5Ah lead-acid battery

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 	3 years	n/a
 Interior, Paint & Systems 	2 years	2,000 h

MISCELLANEOUS

Airframe maintenance schedule	600 h/annual
Certification	FAA FAR 23

INTERIOR CONFIGURATIONS









1

2

3

4

1 SPECTRE™

Make the most out of the pressurised PC-12 cabin with ample space for operators, baggage and specialized intelligence, surveillance and reconnaissance equipment.

2 MAPPING & CARTOGRAPHY

A multi-role configuration enables easy installation of floor panels in place of the two hatches for sensors, enabling the PC-12 for regular cargo or transport purposes.

3 AIR AMBULANCE

Air ambulance operations require easy cabin access, comfort and robust functionality from remote locations, all PC-12 specialties.

4 COMMUTER

A blank slate with so many options: special missions platform or cargo – a modular configuration is key to the PC-12's cabin versatility.



5 COMBI

Whether it's a critical spare part or a complete engine – travel in pressurised comfort and leave nothing behind.

6 CARGO

A blank slate with so many options: special missions platform or cargo – a modular configuration is key to the PC-12's cabin versatility.

CONTACT US

FLY PILATUS CLASS

PLEASE CONTACT US FOR MORE INFORMATION.

International Phone +41 41 619 65 91 US Phone +1 303 465 9099 pc-12sales@pilatus-aircraft.com www.pilatus-aircraft.com



Founded in 1939, Pilatus Aircraft Ltd is the only Swiss company to develop, produce and sell aircraft to customers around the world: from the legendary Pilatus Porter PC-6 to the best-selling single-engine turboprop in its class, the PC-12, and the PC-21, the training system of the future. The latest aircraft is the PC-24 – the world's first ever business jet for use on short unprepared runways. Domiciled in Stans, the company is certified to ISO 14001 in recognition of its efforts for the environment. The Pilatus Group includes two independent subsidiaries in Broomfield (Colorado, USA) and Adelaide (Australia). With over 2,000 employees at its headquarters, Pilatus is one of the largest employers in Central Switzerland. Pilatus provides training for about 130 apprentices in 13 different professions – job training for young people has always been a very high priority at Pilatus.

Pilatus Aircraft Ltd

P.O. Box 992 6371 Stans, Switzerland Phone +41 41 619 61 11 info.stans@pilatus-aircraft.com

Pilatus Business Aircraft Ltd

Rocky Mountain Metropolitan Airport 12300 Pilatus Way Broomfield, CO 80021, USA Phone +1 303 465 9099 info.broomfield@pilatus-aircraft.com

Pilatus Australia Pty Ltd

17 James Schofield Drive Adelaide Airport SA 5950, Australia Phone +61 8 8238 1600 info.adelaide@pilatus-aircraft.com

