Crafted in Switzerland

PC-24
THE CRYSTAL CLASS

THE SUPER VERSATILE JET
JUST THE FACTS

PILATUS

MORE RANGE, MORE PAYLOAD,
AND EVEN MORE POSSIBILITIES

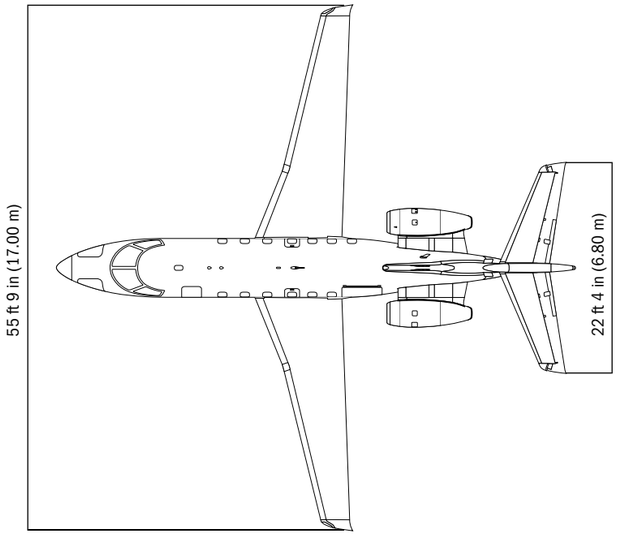
PC-24
THE CRYSTAL CLASS

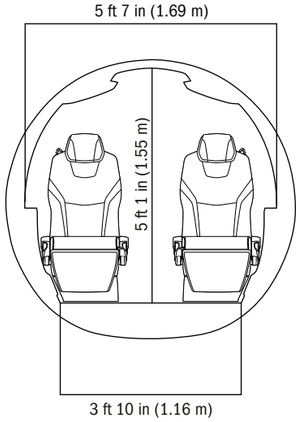
OVERVIEW

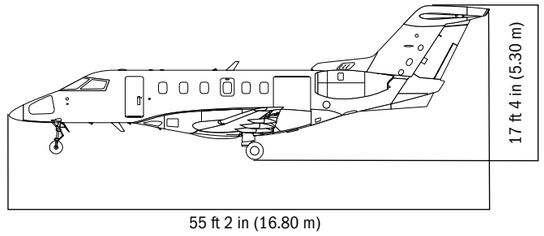
The PC-24 Super Versatile Jet is uniquely designed to provide a highly desirable set of benefits to its operators:

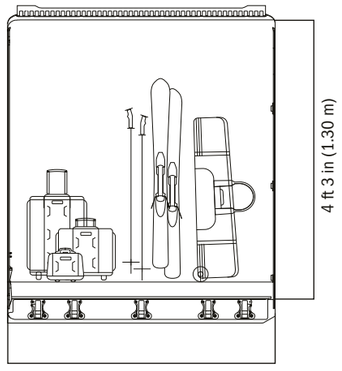
- A significantly larger passenger cabin than any other aircraft in the light jet category, featuring 501 cubic feet (14.20 cubic meters) total volume and a continuous flat floor
- Maximum cruise speed of 440 knots (815 kilometers per hour)
- Maximum range of 2,106 nautical miles (3,900 kilometers) at long range cruise power
- Forward passenger door and a huge (49 inch × 51 inch/ 1.25 meters × 1.30 meters) standard aft cargo door for loading bulky objects, cargo, and luggage
- All-internal, pressurized baggage compartment 90 cubic feet (2.50 cubic meters)
- Optimized wing geometry combining excellent short field performance with high cruise speed
- Dual-wheel main landing gear with low pressure tires designed for operations from paved and unpaved surfaces
- Advanced Cockpit Environment with integrated avionics that combines the power and capability of high end business jets, optimized for single pilot operation and outstanding situational awareness
- Two Williams International FJ44-4A engines, providing 3,420 pound-force of continuous thrust each
- The right side engine features Quiet Power Mode for cabin electrical and air conditioning while on ground
- Standard fresh water, vacuum operated, externally serviced lavatory with hard door privacy
- Single point pressure refuel and defuel system
- Seating for up to eleven passengers and one pilot
- Certified for single pilot operations

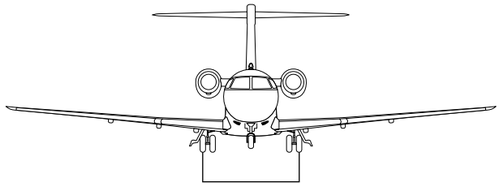
DIMENSIONS AND WEIGHTS











DIMENSIONS (EXTERIOR)

Wing span	55 ft 9 in	17.00 m
Wing area	332.7 ft²	30.91 m²
Length	55 ft 2 in	16.80 m
Height	17 ft 4 in	5.30 m
Horizontal tail span	22 ft 4 in	6.80 m
Turn radius, wing tip	42 ft 4 in	12.6 m
Turn radius, outside main gear	19 ft 5 in	5.9 m

DIMENSIONS (INTERIOR)

Cabin length *(cockpit/cabin partition to aft pressure bulkhead)*	23 ft 0 in	7.01 m
Cabin width	5 ft 7 in	1.69 m
Cabin floor width	3 ft 10 in	1.16 m
Cabin height *(continuous flat floor)*	5 ft 1 in	1.55 m
Cabin volume *(cockpit/cabin partition to aft pressure bulkhead)*	501 ft³	14.20 m³
Baggage compartment volume *(aft partition in forward position)*	90 ft³	2.50 m³
Baggage compartment volume *(aft partition in aft position)*	51 ft³	1.40 m³
Passenger door height	4 ft 5 in	1.34 m
Passenger door width	2 ft 0 in	0.60 m
Cargo door height	4 ft 3 in	1.30 m
Cargo door width	4 ft 1 in	1.25 m

WEIGHTS

Maximum ramp weight	18,840 lb	8,545 kg
Maximum take-off weight	18,740 lb	8,500 kg
Maximum landing weight	17,340 lb	7,865 kg
Maximum zero fuel weight	14,660 lb	6,650 kg
Usable fuel *(888.5 U.S. gal/3363 l)*	5,964 lb	2,705 kg
Maximum payload	3,100 lb	1,406 kg
Maximum payload with full fuel	1,314 lb	596 kg
Basic operating weight *(executive configuration 6 seat, incl. one pilot)*	11,559 lb	5,243 kg

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	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)*

All PC-24 data is subject to change without notice.

INTERIOR CONFIGURATIONS

1 2 3 4 5 6 7

1 | 6 SEAT EXECUTIVE

Make the most out of the PC-24 cabin with ample space for passengers, baggage and equipment.

2 | 8 SEAT DOUBLE CLUB EXECUTIVE

Fill every seat of the plane and still take advantage of an impressive baggage compartment and comfortable seating.

3 | 6 + 2 SEAT EXECUTIVE

Whenever the need arises, simply add or remove up to two seats, allowing flexible accommodations for six to eight passengers.

4 | AFT DIVAN EXECUTIVE

Cabin offers ample space for passengers, baggage and equipment, as well as a place to stretch out and relax on a divan that folds out into a full size bed with ample storage drawers underneath.

5 | COMMUTER

A true workhorse, it will transport passengers and their gear to the most remote locations – quickly and safely.

6 | COMBI

Whether it's critical equipment or simply your e-bikes – travel in style and leave nothing behind.

7 | AIR AMBULANCE

The large cargo door and flexible cabin space allow many options for quickly transporting critical patients.

PERFORMANCE

TAKE-OFF DISTANCE

Balanced field length *(MTOW, ISA, sea level, dry paved runway)*	3,090 ft	940 m
Balanced field length *(MTOW, ISA +20 °C, 5,000 ft/1,524 m, dry paved runway)*	5,440 ft	1,657 m

RATE OF CLIMB

MTOW, ISA, sea level	3,960 ft/min	20.10 m/s
FL 300	1,900 ft/min	9.70 m/s
Time to climb sea level FL 450 *(direct climb)*		27.1 min

CRUISE

Maximum cruise speed *(FL 280)*	440 KTAS	815 km/h

PAYLOAD/RANGE

Max Payload *(3,100 lb/1,406 kg)*	1,154 nm	2,137 km
6 passengers *(1,200 lb/544 kg)*	2,000 nm	3,704 km
Ferry range	2,123 nm	3,931 km

(NBAA IFR reserves of 100 nm (185 km), LRC + 30 min, single-pilot operations)

ALTITUDE

Maximum certified altitude	45,000 ft	13,716 m

LANDING DISTANCE

Over 50 ft (15 m) obstacle *(MLW, ISA, sea level, dry paved runway)*	2,410 ft	734 m

STALL SPEED

Landing configuration *(MLW, ISA, sea level)*	83 KIAS	153 km/h

WING AREA AND LOADING

Wing area	332.71 ft²	30.91 m²
Wing loading	56 lb/ft²	275 kg/m²

KINDS OF OPERATIONS

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

MISCELLANEOUS

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

All PC-24 data is subject to change without notice.

DIRECT OPERATING COST

FUEL

Based on 159 gallons per hour (602 liters per hour) on 600 nautical miles (1,111 kilometers) trip segments. Includes actual climb, cruise and descent fuel for optimal trip.

MAINTENANCE LABOR

Based on 1.28 man-hours per flight hour at a labor rate of 165 US dollars per man-hour. Includes routine scheduled, unscheduled and on-condition maintenance labor for airframe and avionics. *USD 211.10/flight hour*

MAINTENANCE PARTS

Includes airframe, avionics and minor engine consumable parts required for routine scheduled, unscheduled and on-condition maintenance. *USD 228.00/flight hour*

MAJOR PERIODIC MAINTENANCE

Components that require major inspections or overhauls at regular intervals. *USD 102.00/flight hour*

ENGINE RESTORATION

Williams TAP Blue (U.S. Rate) full-coverage service program. *USD 507.62/flight hour*

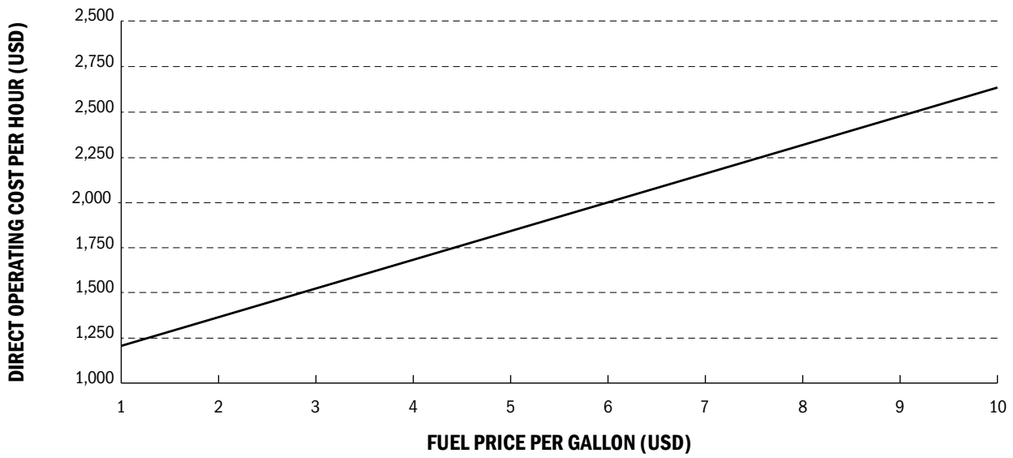
TOTAL

Includes maintenance labor, parts, and engine accrual. *USD 1048.72/flight hour*

AVERAGE BLOCK SPEED

385 knots (713 kilometers per hour) on 600 nautical miles (1,111 kilometers) trip.

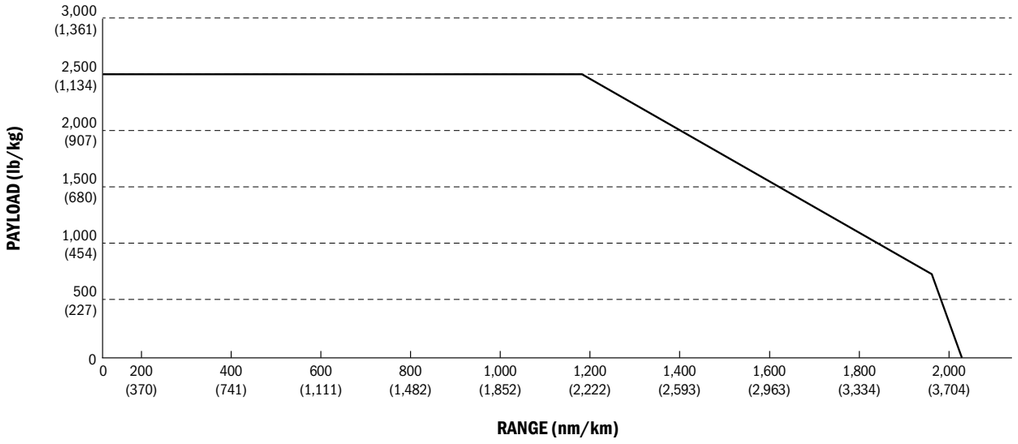
Cost per nautical mile may be calculated by dividing the cost per hour by the average block speed 385.



Note: maintenance labor and parts costs assume the aircraft is out of warranty. Actual labor and parts expense will be lower while the aircraft is under warranty. All maintenance, labor, parts, and inspection costs as published by Conklin & de Decker Associates, Inc., Aircraft Cost Evaluator, online May 2024. Operating costs shown represent a typical average operation of the PC-24, and do not represent a fixed offer or guarantee. Actual operating costs will vary based on aircraft configuration and options, trip stage length, fuel price, operating conditions and procedures, local labor rates, and variances in individual aircraft.

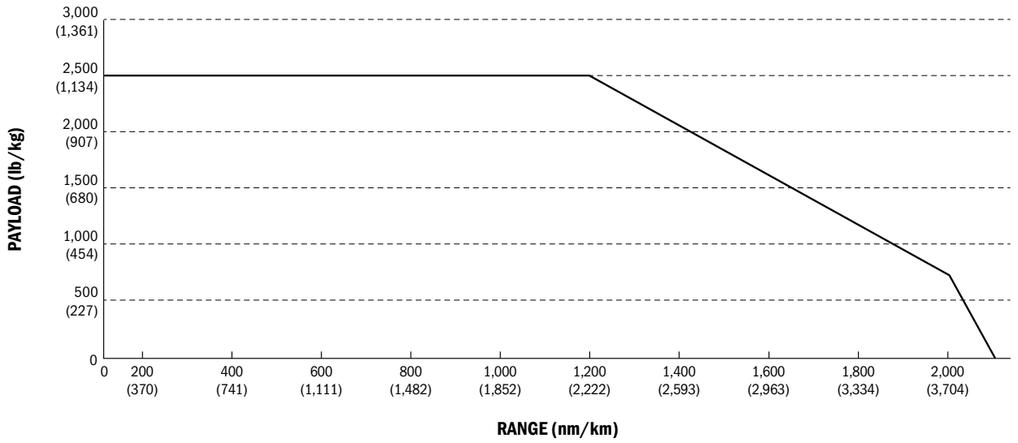
RANGE AND PAYLOAD CAPABILITY

RANGE AND PAYLOAD - HIGH SPEED CRUISE



(NBAA IFR reserve 100 nm/185 km alternate, ISA, high speed cruise, flight level 450)

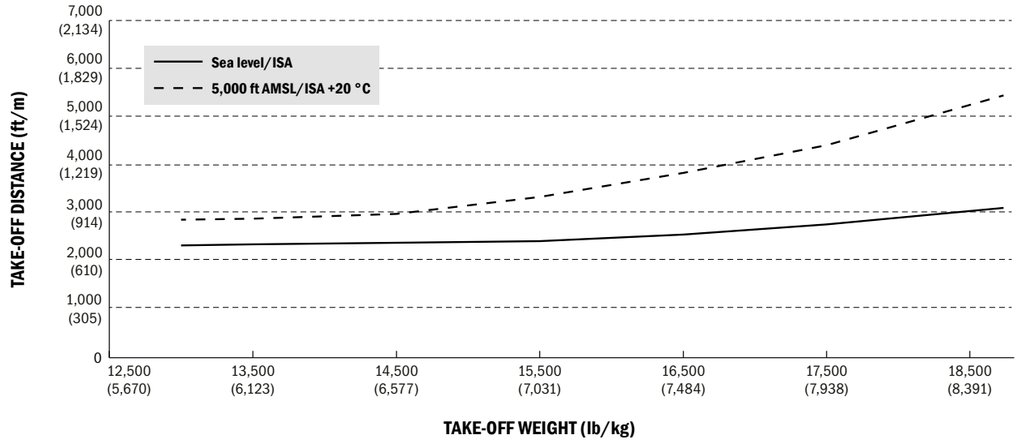
RANGE AND PAYLOAD - LONG RANGE CRUISE



(NBAA IFR reserve 100 nm/185 km alternate, ISA, long range cruise, flight level 450)

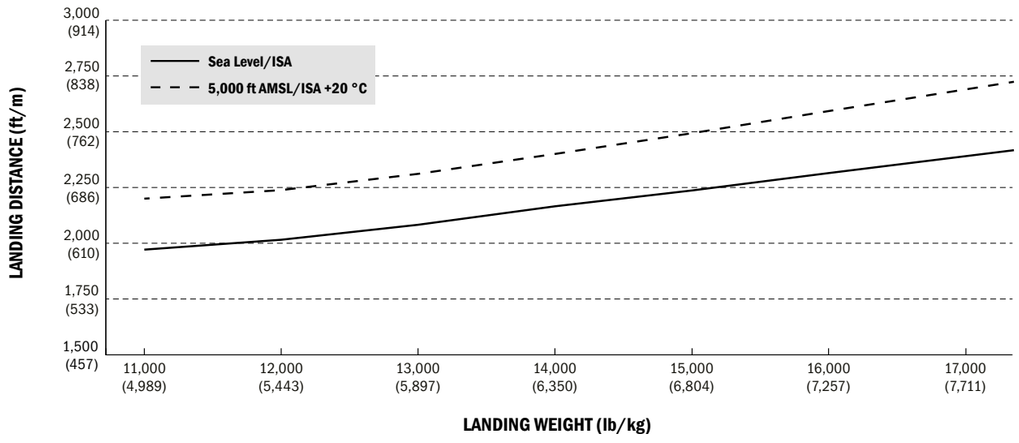
RUNWAY PERFORMANCE

BALANCED FIELD LENGTH



(Dry, hard, level runway, flaps 15°, zero wind, over a 35 ft/11 m obstacle.)

LANDING DISTANCE

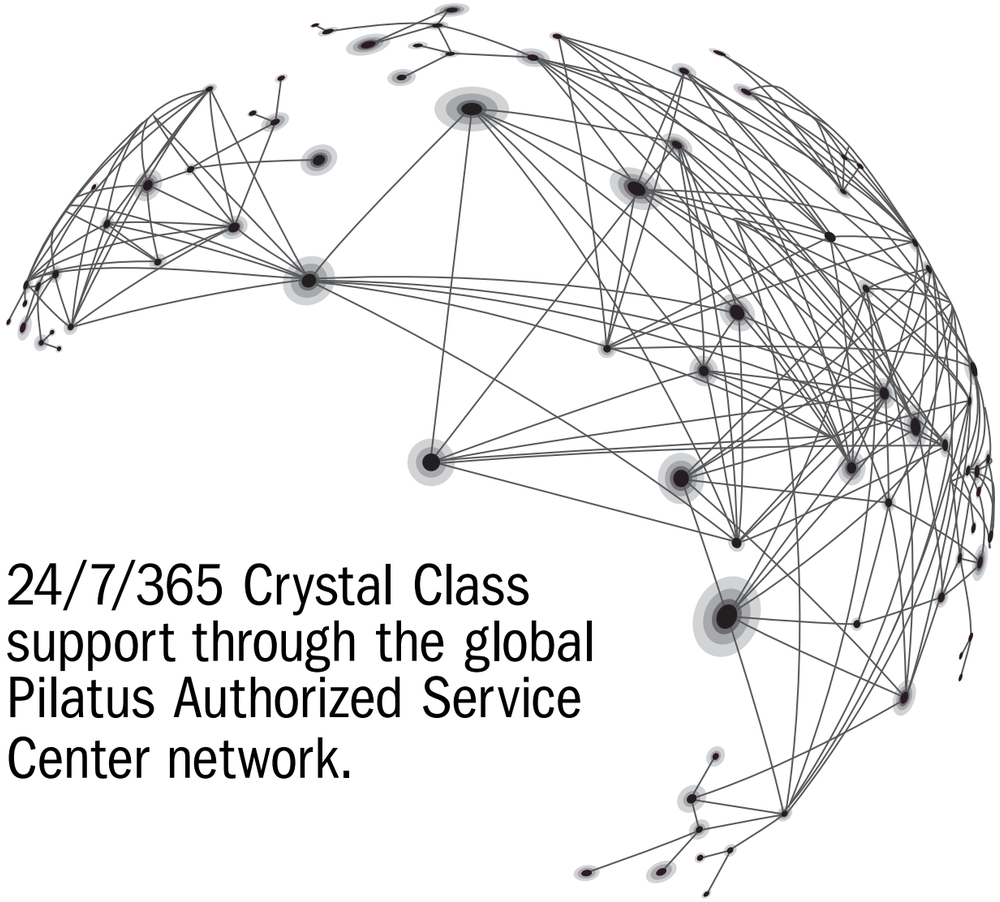


(Dry, hard, level runway, flaps 33°, zero wind, over a 50 ft/15 m obstacle.)

ACE FLIGHT DECK

1. Engine isolation switch
2. Cockpit area microphone
3. Fire extinguisher switch
4. Audio marker panel 1
5. Master warning/caution attention getters (pilot)
6. Primary flight display (pilot)
7. Electronic standby flight display
8. Air outlet
9. Pitch trim
10. Touch screen control
11. Auto pilot disconnect/pusher interrupt
12. Control yoke (pilot)
13. Electronic check list
14. Push to transmit
15. Chart holder
16. Map light
17. Landing gear handle
18. Primary flight display controller (pilot)
19. Lower multi-function display
20. Environmental and cabin pressure control system panel
21. Display reversionary control panel/internal lighting panel
22. Airbrake extension lever
23. Autothrottle disconnect (left/right)
24. Thrust lever
25. Park and emergency brake handle
26. Microphone selector switch
27. Hand microphone
28. Cursor control device
29. Trim control panel
30. Take-off and go-around (left/right)
31. Flap selection lever
32. Touch screen controller
33. Primary flight display controller (co-pilot)
34. Oxygen system on/off handle
35. Control yoke (co-pilot)
36. Air outlet
37. Primary flight display (co-pilot)
38. Master warning/caution attention getters (co-pilot)
39. Audio marker panel 2
40. Fire extinguisher switch
41. Engine isolation switch
42. Upper multi-function display
43. Flight controller

AUTHORIZED SERVICE CENTERS



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NOTES

CONTACT US

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MORE INFORMATION.

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PILATUS

AUTHORIZED CENTER

Founded in 1939, Pilatus Aircraft Ltd develops and produces the world's most unique aircraft: from the legendary PC-12, the best-selling single-engine turboprop in its class, to the PC-7 MKX and PC-21 and associated simulators, the market-leading systems for pilot training. The PC-24 is the world's first ever business jet designed for use on short unprepared runways. The Pilatus team consists of over 2,500 exceptional employees who make the company, which is domiciled in Stans, one of the largest and most innovative employers in Switzerland. The Pilatus Group also includes independent subsidiaries in the USA and Australia. Pilatus provides training for over 140 apprentices in various professions – job training for young people has always been a very high priority. Pilatus remains committed to Switzerland as a hub for work and new ideas, and acts in a sustainable and environmentally-conscious manner at all times.

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