

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 PC-12, a single-engine turboprop, and the PC-21, the training system of the future. Pilatus is currently developing the PC-24 – the world's first ever business jet for use on short unmade runways. Domiciled in Stans, the company is certified to ISO 14001 in recognition of its efforts for the environment. The Pilatus Group includes three independent subsidiaries in Altenrhein (Switzerland), Broomfield (Colorado, USA) and Adelaide (Australia). With over 1500 employees at its headquarters, Pilatus is one of the largest employers in Central Switzerland. Pilatus provides training for over 100 apprentices in ten different professions – job training for young people has always been a very high priority at Pilatus.

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**PILATUS**

PC-24

THE SUPER VERSATILE JET

 Crafted in Switzerland



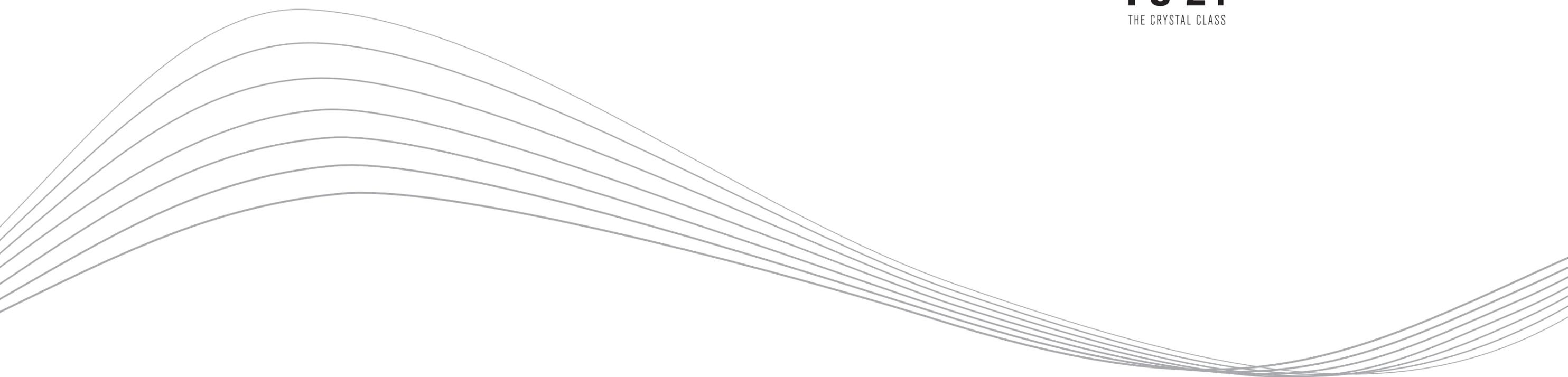
**PC-24**  
THE CRYSTAL CLASS



**PILATUS**



**PC-24**  
THE CRYSTAL CLASS





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## A CLASS OF ITS OWN THE CRYSTAL CLASS.

People become enchanted when they experience something as unique and out of reach as a Swiss mountain crystal.

Its elegance expresses something words cannot describe. The diverse and unmistakable shape of the crystal has always fascinated. Perhaps it's the hardness that conveys a sense of durability. Or because it is created deep within the mountain, emerging only after a long and arduous journey. Or maybe it's because the details of its origin and formation will forever remain a secret. Either way, one thing is for sure: its beauty sparks the imagination.

For some, Swiss mountain crystals are a symbol of strength and power. For others, their countless facets make them a symbol of variety and uniqueness.

Crystal seekers from the Swiss Alps – called “Strahler” – discover the crystals only after tremendous effort and endurance. Working high in the mountains, they must withstand every type of weather and bear any temperature before they can hold a crystal in their hands.

Our latest aircraft is just as versatile, powerful, and extraordinary as a Swiss mountain crystal: The Pilatus PC-24.

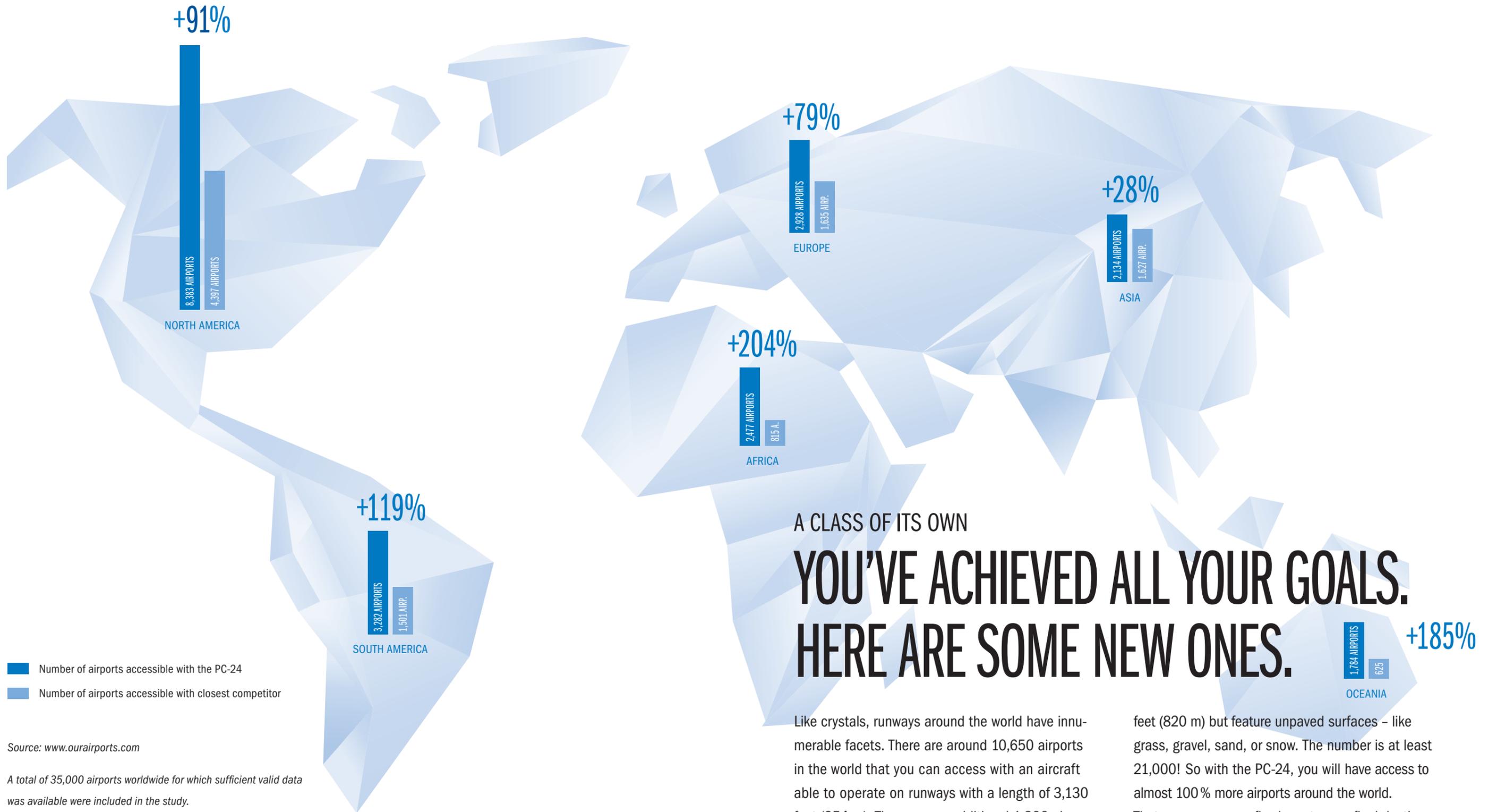
A CLASS OF ITS OWN

# THE WORLD'S FIRST AND ONLY SVJ.

Every crystal found in the mountains of Switzerland is entirely unique. Just as unique is the PC-24, the only aircraft combining the versatility of a turbo-prop with the cabin size of a medium-light jet, and the performance of a light jet.

It's a plane that simply doesn't fit into any of the existing business jet categories. That's why we had to create a new one: the **Super Versatile Jet** category. Pilatus is proud to present the world's first and only Super Versatile Jet: The Pilatus PC-24.

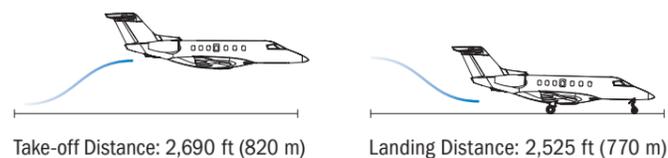




■ Number of airports accessible with the PC-24  
■ Number of airports accessible with closest competitor

Source: [www.ourairports.com](http://www.ourairports.com)

A total of 35,000 airports worldwide for which sufficient valid data was available were included in the study.



A CLASS OF ITS OWN  
**YOU'VE ACHIEVED ALL YOUR GOALS.  
 HERE ARE SOME NEW ONES.**

Like crystals, runways around the world have innumerable facets. There are around 10,650 airports in the world that you can access with an aircraft able to operate on runways with a length of 3,130 feet (954 m). There are an additional 1,300 airports that become available when your aircraft needs only 2,690 feet (820 m). Of course, in both cases these runways will have to be paved. Now let's look at the number of runways around the world that offer a length of at least 2,690

feet (820 m) but feature unpaved surfaces – like grass, gravel, sand, or snow. The number is at least 21,000! So with the PC-24, you will have access to almost 100% more airports around the world. That means you can fly closer to your final destination than with any other business jet. You'll be able to use smaller airports and avoid massive administrative procedures, and reduce ground transfer time to an absolute minimum.



A CLASS OF ITS OWN

# AT HOME ON RUNWAYS AROUND THE WORLD. EVEN WHERE THERE ISN'T ONE.

"No one will ever operate a multi-million-dollar aircraft on dirt strips." Oh yes, we've heard that one over the years. In the meantime, a growing fleet of over 1,200 PC-12s has proven that statement false. This fleet has accumulated over 4 million flight hours, including countless take-offs and landings in locations where "dirt strip" is a generous description of the available ground infrastructure.

We listened carefully to the feedback of PC-12 owners operating under challenging conditions, and everything we learned from their previous experiences is now woven into the DNA of the PC-24. Its outstanding short-field performance opens up an incredible level of mobility. PC-12 owners know why rough and short-field capability is such an advantage. And soon PC-24 owners will know it too.



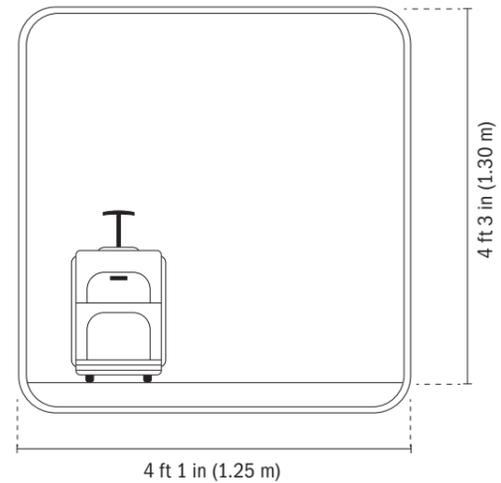
WELCOME ON BOARD

# GREAT MINDS NEED PLENTY OF HEADROOM.

The PC-24's cabin volume tops business jets costing almost twice as much. But while offering space is one thing, making intelligent use of it is quite another.

The interior of the PC-24 has been designed from the outset for quick and easy reconfiguration – an option not found in many other business jets. Each passenger seat features quick-change capability enabling its addition or removal in just a few minutes. The aft partition is movable so you can

easily enlarge the passenger cabin or increase the baggage compartment volume for each and every flight. The PC-24 features a fully enclosed, externally serviceable private lavatory that is highly discreet and seamlessly integrated into the forward area of the cabin. Being a Super Versatile Jet, the PC-24 will find popularity in a number of other roles – like cargo, medevac, commuter, or governmental special-mission applications, just to name a few.



WELCOME ON BOARD

## A JET SO PRIVATE, EVEN THE BAGGAGE HAS ITS OWN DOOR.

Every iconic product incorporates at least one hallmark feature that dramatically differentiates it from the competition. Introducing the world's first business jet with a standard pallet-sized cargo door. Its dimensions are simply outstanding, and its advantages are equally impressive. But the biggest door is useless when there is

no space behind it. The volume of the PC-24's baggage compartment surpasses what is available on aircraft costing millions more to buy and operate. Your valuable belongings will always be carried in a heated and fully pressurized cabin section, which is accessible at any time during the flight. That's how a business jet becomes a Super Versatile Jet.



WELCOME ON BOARD

# DESIGNED FOR 45,000 FEET AND TWO HANDS.

All Pilatus aircraft are certified for single-pilot operation. And the PC-24 is no exception to this rule. The cockpit layout is efficient and intuitive. From the comfort of his seat, the pilot finds an environment that has been designed specifically to reduce workload and improve safety while providing full

situational awareness under all circumstances. Simply put, the PC-24 is the perfect combination of single-pilot operational know-how, and state-of-the-art avionics technology. And of course the PC-24 can also be flown by two pilots – should you prefer a little company.



NEW YORK CITY, USA | 40°44'50"N | 74°2'46"W

WHY OWN A PC-24?

# TEN REASONS.

## REASON 1

No other business jet can operate from runways as short as 2,690 feet (820 m).

## REASON 2

No other business jet has been designed to operate from paved and even unpaved surfaces – this gives you access to more than 21,000 airports worldwide.

## REASON 3

No other business jet offers this much cabin space at this price level.

## REASON 4

No other business jet features a more capable standard cockpit environment at this price level.

## REASON 5

No other business jet includes a generous cargo door that makes loading quick and easy.

## REASON 6

No other business jet features a comparable all-internal, pressurized and in-flight-accessible baggage compartment.

## REASON 7

No other business jet gives you more operational flexibility and mobility.

## REASON 8

No other business jet is made in Switzerland.

## REASON 9

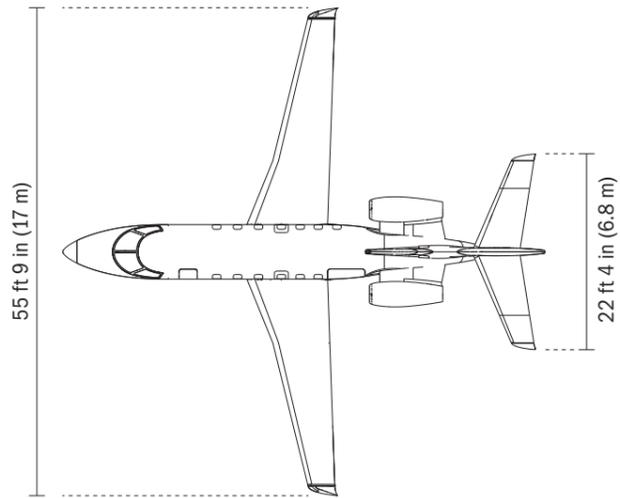
No other business jet is a Super Versatile Jet.

## REASON 10

No other business jet lets you fly Crystal Class.

FACTS AND FIGURES

# DIMENSIONS AND WEIGHTS.

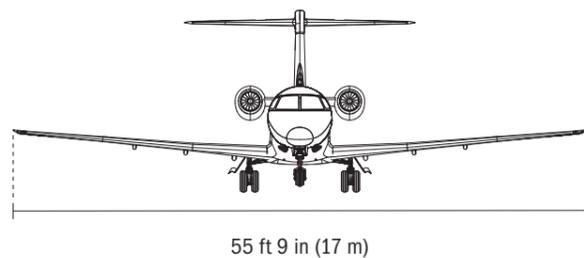
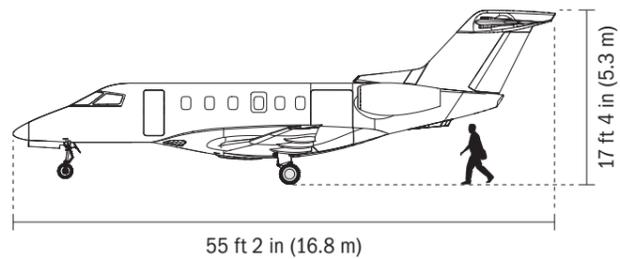


## DIMENSIONS (EXTERIOR)

Wing Span	55 ft 9 in	17.0 m
Length	55 ft 2 in	16.8 m
Height	17 ft 4 in	5.3 m
Horizontal Tail Span	22 ft 4 in	6.8 m

## DIMENSIONS (INTERIOR)

Cabin Length (Cockpit / Cabin Partition to Aft Pressure Bulkhead)	23 ft 0 in	7.0 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 ft <sup>3</sup>	14.2 m <sup>3</sup>
Baggage Compartment Volume (Aft Partition In Fwd Position)	90 ft <sup>3</sup>	2.5 m <sup>3</sup>
Baggage Compartment Volume (Aft Partition In Aft Position)	51 ft <sup>3</sup>	1.4 m <sup>3</sup>
Passenger Door Height	4 ft 5 in	1.34 m
Passenger Door Width	2 ft 0 in	0.6 m
Cargo Door Height	4 ft 3 in	1.30 m
Cargo Door Usable Width	4 ft 1 in	1.25 m



## WEIGHTS

Maximum Ramp	17,750 lb	8,050 kg
Maximum Takeoff	17,650 lb	8,005 kg
Maximum Landing	16,250 lb	7,370 kg
Maximum Zero Fuel	13,450 lb	6,100 kg
Usable Fuel (888.5 U.S. gal)	5,965 lb	2,705 kg
Maximum Payload	2,500 lb	1,135 kg
Maximum Payload With Full Fuel	915 lb	415 kg

## ALTITUDE

Max Certified Altitude	45,000 ft	13,716 m
Max Altitude Single Engine Operation	26,000 ft	7,925 m

## POWERPLANT

Manufacturer	Williams International
Model	FJ44-4A
Max Takeoff Thrust (Per Engine)	3,400 lbf
Automatic Thrust Reserve allowing thrust increase to	3,600 lbf
Engine Control through Dual-Channel FADEC	
Possibility to cool or heat the aircraft on the ground under its own power (Quiet Power Mode™)	
TBO / HSI / Inspection	5,000 / 2,500 / 300 hrs

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

## FACTS AND FIGURES

# PERFORMANCE.

## TAKE-OFF DISTANCE

Balanced Field Length <i>(MTOW, ISA, Sea Level, dry paved runway)</i>	2,690 ft	820 m
Balanced Field Length <i>(MTOW, ISA+20°C, 5,000ft, dry paved runway)</i>	4,430 ft	1,350 m

## RATE OF CLIMB

Sea Level	4,075 fpm
FL 300	1,850 fpm
Time to climb Sea Level to FL 450 <i>(direct climb)</i>	30 min

## CRUISE

Maximum Cruise Speed <i>(FL 300)</i>	Min. 425 kTAS
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## PAYLOAD / RANGE

(NBAA IFR RESERVES OF 100 NM  
+ 30 MIN VFR, LRC, SINGLE PILOT OPS)

Max Payload <i>(2,500 lb)</i>	1,190 nm	2,200 km
6 passengers <i>(1,200 lb payload)</i>	1,800 nm	3,330 km
4 passengers <i>(800 lb payload)</i>	1,950 nm	3,610 km

## LANDING

Distance over 50 ft obstacle <i>(MLW, ISA, Sea Level, dry paved runway)</i>	2,525 ft	770 m
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## STALL SPEED

Landing configuration <i>(MLW, ISA, Sea Level)</i>	81 kIAS
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## WING AREA AND LOADING

Wing Area	332.6 ft <sup>2</sup>	30.91 m <sup>2</sup>
Wing Loading	53 lb /ft <sup>2</sup>	259 kg /m <sup>2</sup>

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## FACTS AND FIGURES

# AVIONICS AND MISCELLANEOUS.

## PILATUS ACE™ AVIONICS SYSTEM

ACE™ stands for “Advanced Cockpit Environment”  
System specifically developed for the Pilatus PC-24

Key Features:

- 4 screen layout with 12 in screens
- 1 x IRS / 1 x AHRS
- SmartView™ Synthetic Vision System
- TCAS II, Graphical Flight Planning, Autothrottle and LPV are all part of Standard Equipment
- Optional Equipment will include Enhanced Vision System and RNP < 0.3 capability

Systems management providing control and monitor functions  
ON/OFF switching of systems through Electronic Power Distribution Units *(EPDU)*

Display of system status and synoptics

## PROGRAM MILESTONES

Roll-out	Q3 2014
First Flight	End 2014
EASA and FAA Type Certification /	
First Deliveries	Beginning 2017

## PRESSURIZATION

(8.78 PSI CABIN PRESSURE DIFFERENTIAL)

Cabin Altitude at 23,500 ft <i>(7,163 m)</i>	Sea Level
Cabin Altitude at 45,000 ft <i>(13,716 m)</i>	8,000 ft 2,438 m

## KINDS OF OPERATIONS

VFR / IFR Day/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

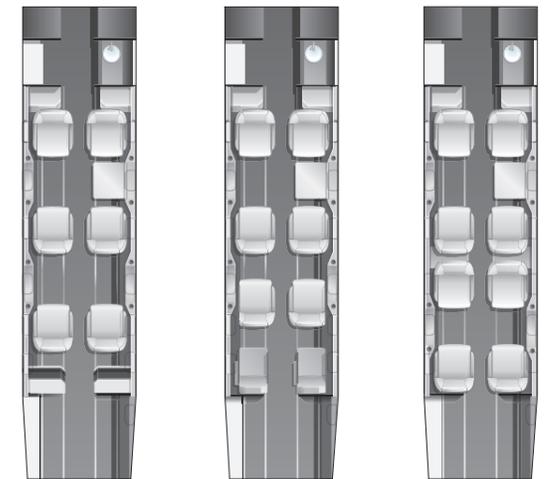
## MISCELLANEOUS

Airframe Maintenance Schedule	600 hrs /Annual
Design Service Life	30,000 hrs /30,000 landings
Certification	EASA CS 23; FAA FAR 23, Commuter Category
Dual Wheel Main Landing Gear; Low Pressure Tires <i>(72 psi)</i>	
Single-point Pressure Refueling Port	

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FACTS AND FIGURES

# INTERIOR CONFIGURATIONS.



1 2 3

## 1 EXECUTIVE (SIX-SEATER)

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

## 2 EXECUTIVE (SIX SEATER PLUS TWO – QUICK CHANGE)

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

## 3 EXECUTIVE (EIGHT-SEATER)

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

## 4 COMMUTER

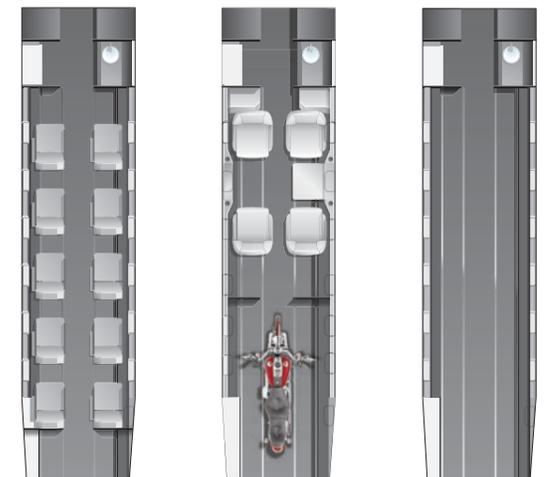
A true workhorse, it will transport passengers and their gear to the most remote locations – quickly and safely.

## 5 COMBI

Whether it's a critical spare part or simply your motorbike – travel in style and leave nothing behind.

## 6 CARGO

So many options: ambulance operations, special missions, cargo – let us know how you plan to use the PC-24's cabin.



4 5 6



JUST LAND WHEREVER YOU WANT.

CONTACT US

# FLY CRYSTAL CLASS.

PLEASE CONTACT US FOR MORE  
INFORMATION.

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