

 PILATUS



The Super Versatile Jet
Just The Facts

PC-24

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Highlights

A significantly larger passenger cabin than any other aircraft in the light jet category, featuring 498 cubic feet (14.10 cubic meters) total volume and a continuous flat floor

Maximum cruise speed of 440 knots (815 kilometers per hour)

Maximum range of be 2,123 nautical miles (3,931 kilometers) at long range cruise power

Forward passenger door and a huge (4 feet 3 inch × 4 feet 1 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



Cabin

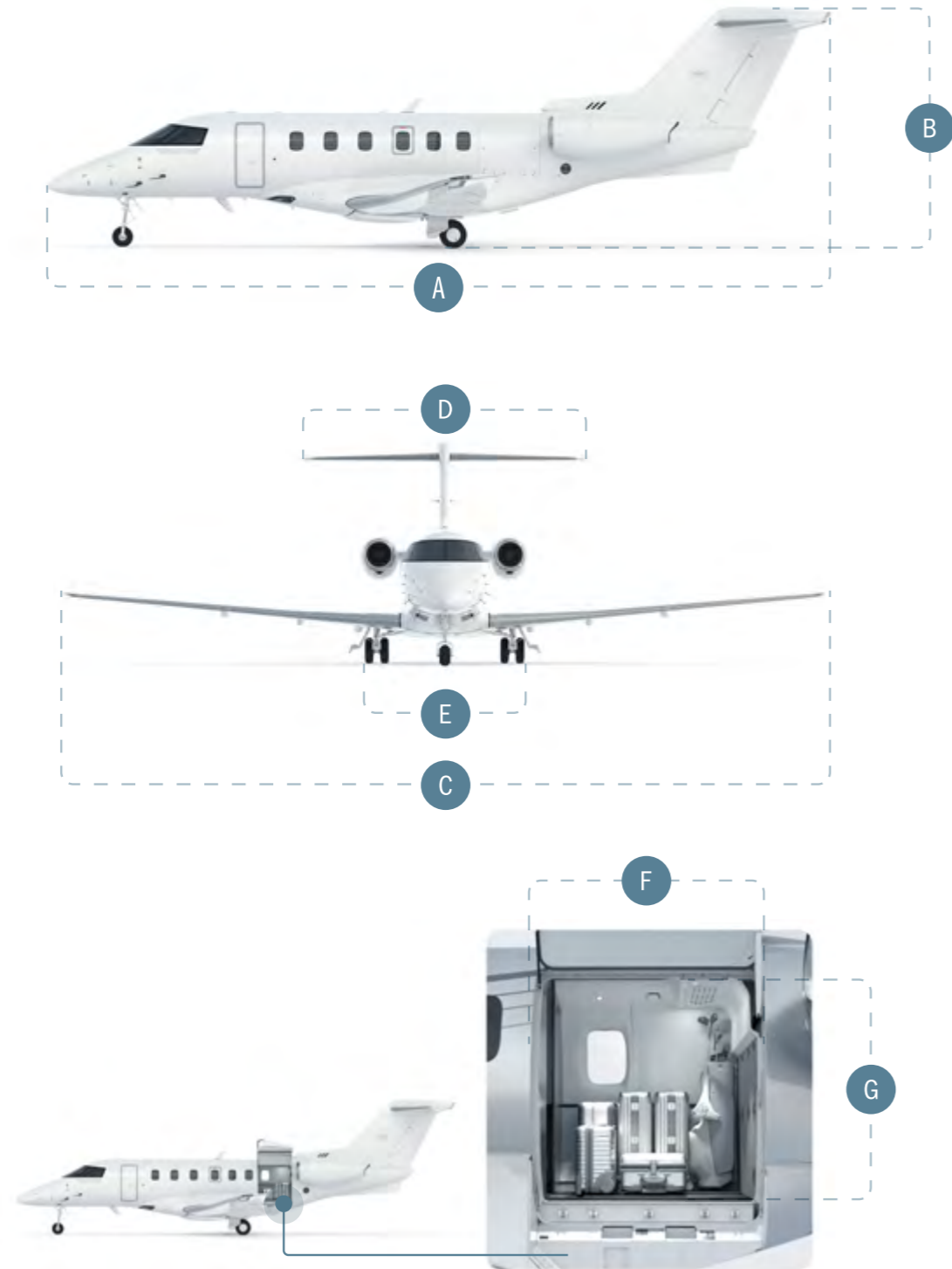


Cargo Door



Advanced Cockpit Environment

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



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	1.43 m ³

Interior Configurations



Executive 6 Seat Make the most out of the PC-24 cabin with ample space for passengers, baggage and equipment.



Executive 6+2 Seat Whenever the need arises, simply add or remove up to two seats, allowing flexible accommodations for six to eight passengers.



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



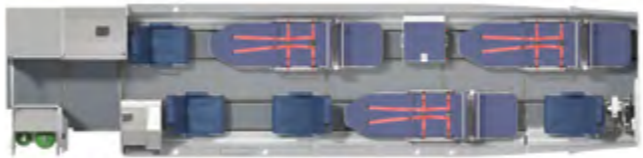
Combi Whether it's critical equipment or simply your e-bikes – travel in style and leave nothing behind.



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



Executive Double Club Divan 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.



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

Performance

	U.S.	Metric
Maximum cruise speed flight level 280	440 KTAS	815 km/h
Maximum range 6 passengers (1,200 lb/544 kg)	2,000 nm	3,704 km
Maximum payload (3,100 lb/1,406 kg)	1,154 nm	2,137 km
Ferry range <small>NBAA IFR reserves of 100 nm (185 km), LRC + 30 min, single-pilot operations</small>	2,123 nm	3,931 km
Maximum altitude	45,000 ft	13,716 m
Take-off distance balanced field length <small>Maximum take-off weight, International Standard Atmosphere, sea level, dry paved runway</small>	3,090 ft	940 m
Take-off distance balanced field length <small>Maximum take-off weight, International Standard Atmosphere +20°C, 5,000 ft/1,524 m, dry paved runway</small>	5,440 ft	1,657 m
Landing distance over 50 ft (15 m) obstacle <small>Maximum landing weight, International Standard Atmosphere, sea level, dry paved runway</small>	2,410 ft	735 m
Rate of climb sea level <small>Maximum take-off weight, International Standard Atmosphere</small>	3,960 ft/min	20.10 m/s
Rate of climb flight level 300	1,845 ft/min	9.30 m/s
Time to climb sea level to flight level 450 <small>Direct climb</small>	27.1 min	27.1 min
Stall speed <small>Maximum landing weight, International Standard Atmosphere, sea level</small>	83 KIAS	153 km/h

Loading

	U.S.	Metric
Wing	332.71 ft ²	30.91 m ²
Power	56 lb/ft ²	275 kg/m ²

Weights

	U.S.	Metric
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. gallons/3,363 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 <small>Executive configuration 6 seat, including one pilot</small>	11,559 lb	5,243 kg

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 refuelling 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

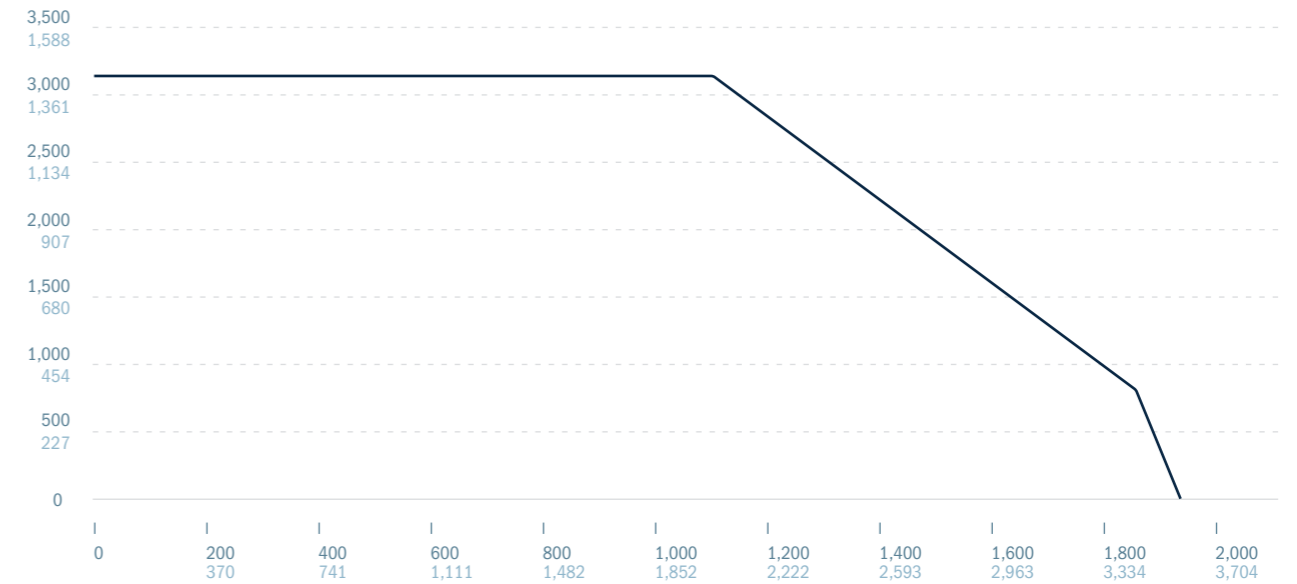
Visual Flight Rules (VFR)
Instrument Flight Rules day and night (IFR)
Private (FAR Part 91, EASA Part-NCC) and commercial (FAR Part 135, EASA Part-CAT) operations
Flight into known icing conditions
Single or dual-pilot operations
Operations from paved and unpaved surfaces
CAT II certified (optional equipment)



Range & Payload

High Speed Cruise

Payload: lb/kg

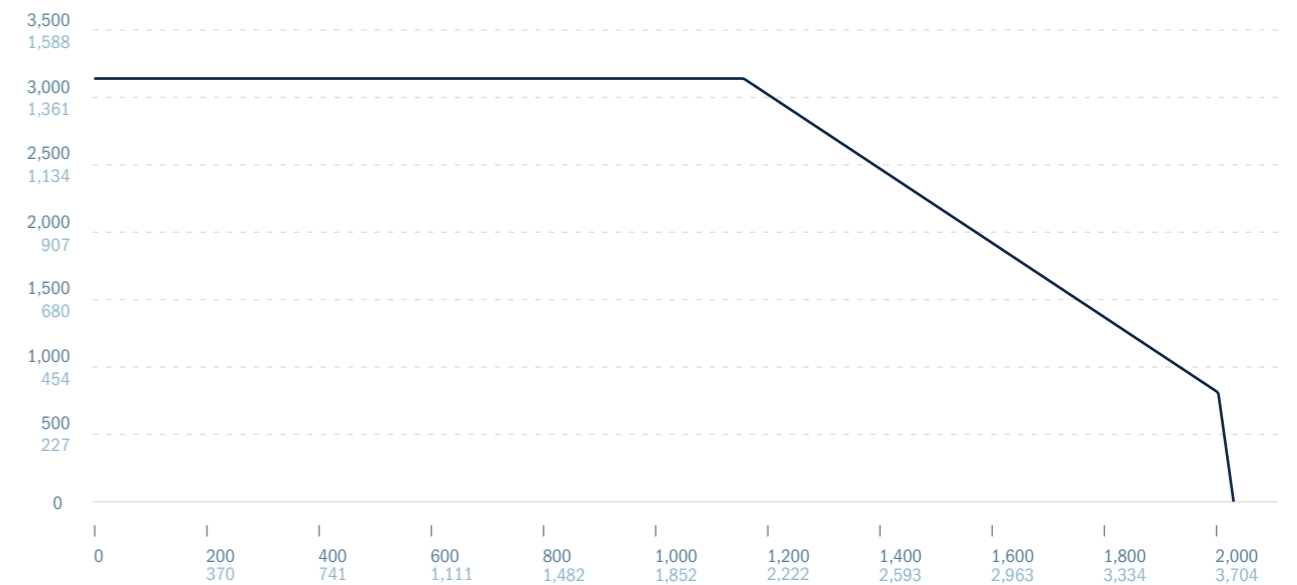


Range: nm/km

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

Long Range Cruise

Payload: lb/kg



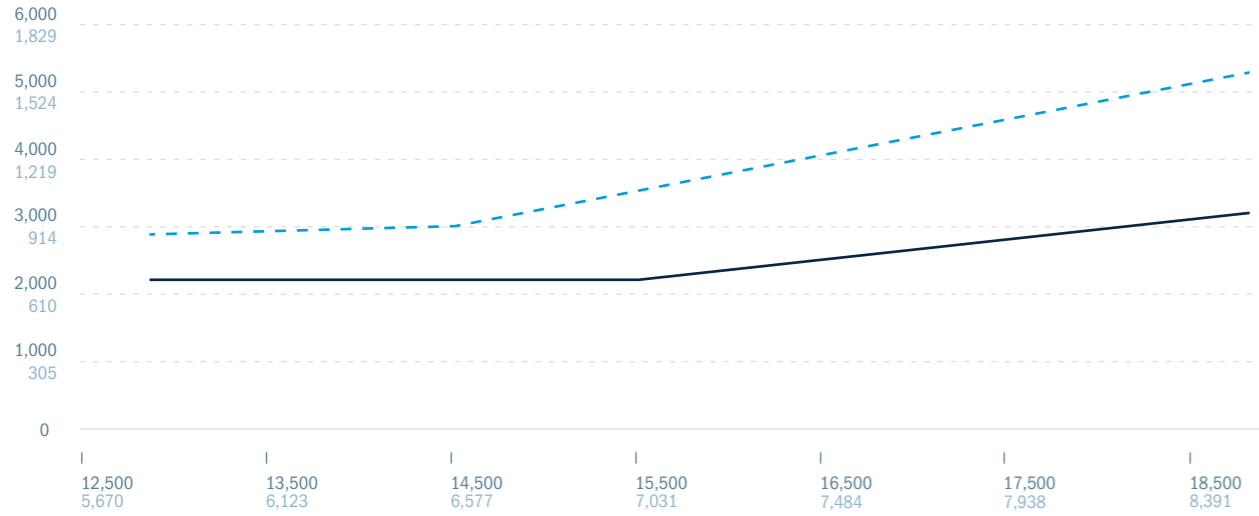
Range: nm/km

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

Runway Performance

Balanced Field Length

Take-off Distance: ft/m



Take-off Weight: lb/kg

Sea level/ISA
5,000 ft AMSL/ISA +20 °C

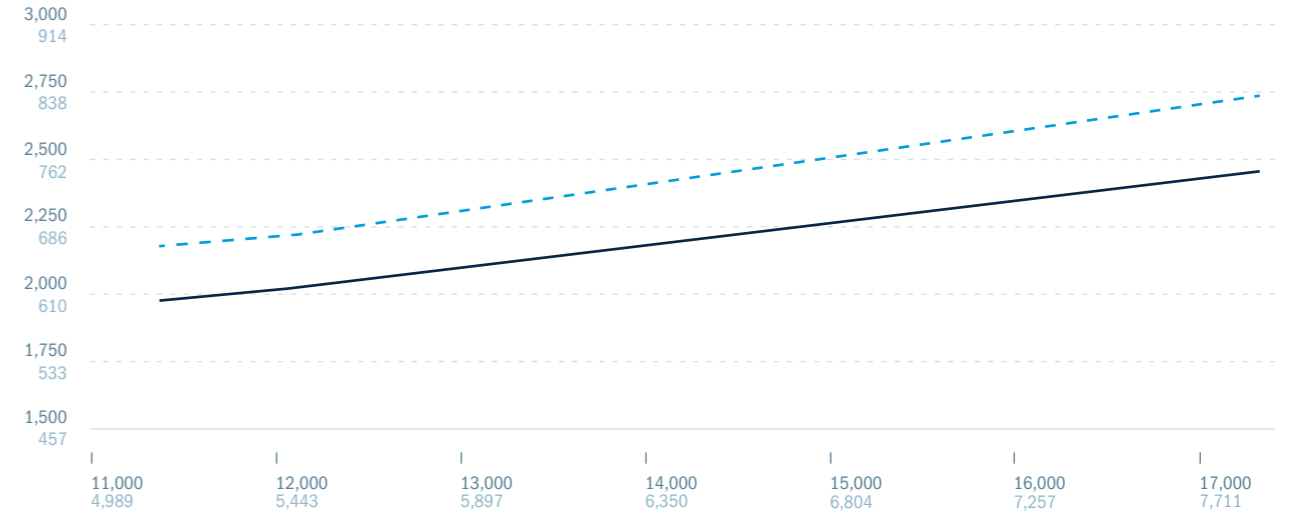
(Maximum take-off weight, dry, hard, level runway, flaps 15°, zero wind, over a 35 ft/11 m obstacle.)



3,090 ft
940 m

Landing Distance

Landing Distance: ft/m



Landing Weight: lb/kg

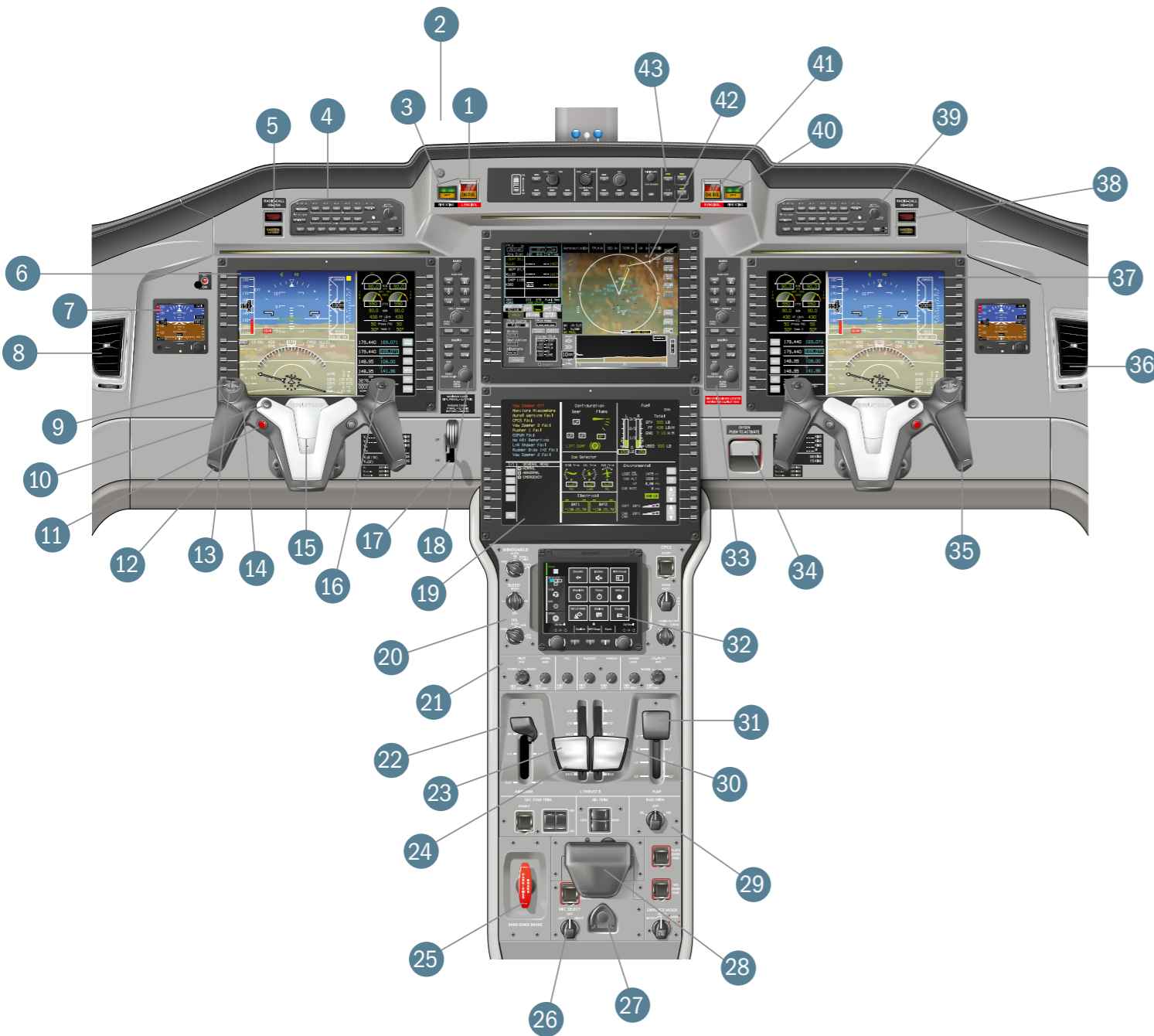
Sea level/ISA
5,000 ft AMSL/ISA +20 °C

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



2,410 ft
735 m

Cockpit



1 - Engine isolation switch

2 - Cockpit area microphone

3 - Fire extinguisher switch

4 - Audio control 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 - Tactile control steering

11 - Auto pilot disconnect/pusher interrupt

12 - Control yoke (pilot)

13 - Electronic check list button

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 - Windshield, bleed, ice protection system

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 control panel 2

40 - Fire extinguisher switch

41 - Engine isolation switch

42 - Upper multi-function display

43 - Flight controller

Fly the PC-24.

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