

A Piaggio Avanti Evo aircraft is shown from a low-angle perspective on a runway. The aircraft is white with a distinctive rounded nose and a large propeller. The background features a large, vibrant rainbow against a dark, twilight sky. The overall scene is bathed in a soft, blueish-purple light.

AVANTI EVO

The Piaggio Aerospace logo consists of a stylized white arrow pointing to the right, followed by the text "PIAGGIO AEROSPACE" in a bold, sans-serif font.

**PIAGGIO
AEROSPACE**



a v a n t i
evo

WELCOME TO AVANTI EVO

BUSINESS USERS DEMAND SPEED, COMFORT AND COST
EFFECTIVENESS, AND THE AVANTI EVO DELIVERS ON
ALL COUNTS





The Avanti EVO is a business aircraft like no other. Having learnt everything there is to know about aviation in its 100-year history, Piaggio Aerospace rewrote the rulebook to combine renowned Italian design with superb craftsmanship in an aircraft that simply works best for business.

The Avanti EVO is refreshingly different – not just in terms of its head-turning looks, but also in terms of superior performance and comfort.

The EVO is very much a business aircraft for the future, built on the best traditions of the past and today's state-of-the-art technology.

The EVO is one of the most environmentally friendly aircraft on the market, with reduced emissions and aircraft noise making it a logical choice.

The fastest twin turboprop ever made – faster than some jets – the Avanti EVO achieves greater speed without compromising operating costs, running at up to 30% less than a jet of the same size.

The spacious cabin is truly an office in the sky, allowing passengers to maximise their working day while also arriving fresh, prepared and ready to do business.

Unveiled in 2014, customer deliveries of the Avanti EVO began in 2015, with production now ramped up at a new facility in Italy.

The benefits of ownership are considerable. As well as flying one of the smartest, most efficient, aircraft in the skies, Piaggio Aerospace's expansive customer support and service network minimises downtime while also keeping costs under control through an innovative fixed-fee programme.

THIS IS THE AVANTI EVO ADVANTAGE.

PIAGGIO AEROSPACE
AVANTI EVO



SPEED

NOTHING IS MORE PRECIOUS IN BUSINESS THAN TIME, AND THE AVANTI EVO TURNS BACK THE CLOCK BY ARRIVING QUICKER THAN ANY OTHER TWIN TURBOPROP

In fact, the EVO is so advanced that it can even outpace jet aircraft. As they say, the world's most stylish private jet has propellers.

AIRCRAFT	TYPE	CRUISE SPEED (KTS)
Phenom 100	Very Light Jet	405
Citation M2	Light Jet	404
Piaggio Avanti EVO	Turboprop	402
King Air 350i	Turboprop	312
Pilatus PC-12NG	Turboprop	285

Those propellers are one reason why the Avanti EVO is the undisputed king of its class.

Piaggio Aerospace tasked propeller masters Hartzell with producing a new pusher for the EVO – a five-blade scimitar design in aluminium that not only makes it the world's fastest production turboprop but also reduces cabin noise by 20%.

Driven by two Pratt & Whitney PT6A-66B engines, the world's most popular engine family, the EVO is reliable, dependable and powerful.

THIS IS THE ESSENCE OF EVO – evolution, and constant improvement.

EFFICIENCY

WITH THE AVANTI EVO YOU GET JET-LIKE PERFORMANCE FOR
AROUND 30% LESS OPERATING COST





Instant response from rugged turboprop engines help the EVO fly higher, faster – climbing to a ceiling of 41,000 ft. to take full advantage of thinner, quicker air.

High fuel consumption is bad for the pocket as well as the planet, and the super-efficient EVO is an environmentally friendly aircraft that can help reduce your carbon footprint.

AIRCRAFT	CLASS	GALS/HR*	LBS CO2/HR*
Piaggio Avanti EVO	Light	100	2,110
King Air 350i	Light	136	2,870
Phenom 300	Medium	183	3,862
Learjet 75	Medium	199	4,199
Challenger 605	Medium	329	6,943
Citation X	Medium	386	8,146

* from Conklin & de Decker

The Avanti EVO looks like no other business aircraft, and that beauty is more than just skin deep. The sleek and stylish lines of the EVO produce efficiency and speed.

Laminar flow from nose to tail is achieved via a single aerodynamic curve that reduces drag and raises performance by around 34% compared to conventional designs.

The innovative Three Lifting Surface concept – consisting of forward wings, main wings and horizontal stabilisers – helps the EVO handle superbly while also making it super efficient and striking on the apron.

THIS IS THE BEAUTY OF EVO.



COMFORT

ARRIVING AT YOUR DESTINATION READY TO DO BUSINESS IS ESSENTIAL, AND THE AVANTI EVO'S UNIQUE DESIGN MEANS THE CABIN IS SUPER SPACIOUS, AS WELL AS BEING ABLE TO CARRY UP TO SEVEN PASSENGERS



The stand-up cabin height of 5 ft. 9 in. is the tallest in class, while the width of 6 ft. 1 in. is also superior to many comparable aircraft. To put that in context, the EVO cabin is a whole foot taller than that of the King Air 350i.

This blesses the EVO with the most space per seat in class, with those seats furnished in the finest Poltrona Frau leather and manufactured by expert designers Iacobucci HF.

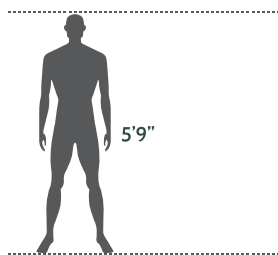
Reduced propeller noise and positioning of the engines at the rear also make the cabin quiet, so you don't need to shout to be heard.

Importantly, the cabin also has excellent pressurisation, so passengers feel like they are at sea level even when flying at 24,000 ft. At 41,000 ft., the cabin altitude registers just 6,600 ft. – boosting passenger wellbeing and helping reduce fatigue.

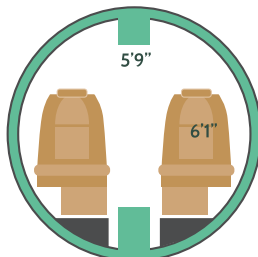
Unlike many aircraft, the EVO also comes with a restroom as standard, and there is still space for a 44 cu ft. baggage compartment.

Air conditioning has been enhanced, lighting is controllable throughout, while wifi is also available as an option.

THIS IS WHY PASSENGERS LOVE THE EVO.



Stand-up cabin for your best comfort



Avanti EVO cabin



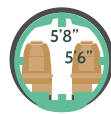
King Air 350



Citation CJ



Phenom 300



Citation X



Citation XLS+



PC-24

PIAGGIO AEROSPACE
AVANTI EVO



RANGE

THE INCREASED* RANGE OF THE AVANTI EVO MEANS IT CAN NOW TRAVEL 1,809 NM (3,350 KM) WITHOUT REFUELLING

The superb runway performance also means you can fly closer to your destination in the Avanti EVO than most jets – reducing travel time and opening up new routes.

THIS VERSATILITY MAKES EVO THE ULTIMATE BUSINESS AIRCRAFT.

AIRCRAFT	RANGE (NM)
Piaggio Avanti EVO	1,809
King Air 350i	1,806
Pilatus PC-12NG	1,650
Citation M2	1,550
HondaJet	1,223
Phenom 100	1,178

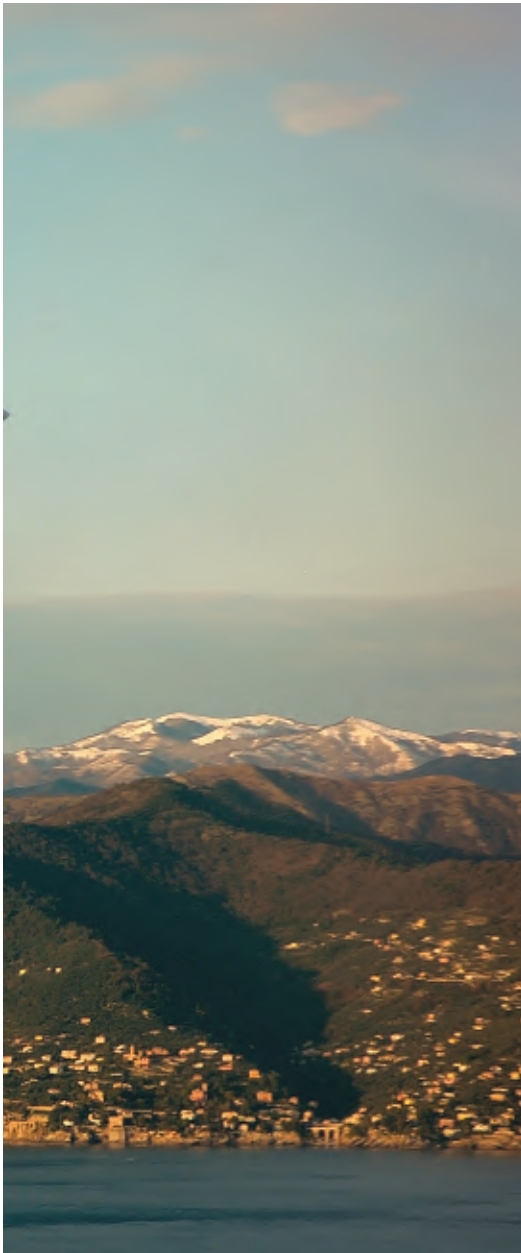
* Max Range (NBAA IFR Increased Ferry Configuration)



SPECIAL MISSION

AVANTI EVO IS USED BY ARMED FORCES, GOVERNMENT AGENCIES AND A DIVERSE RANGE OF PRIVATE OPERATORS INCLUDING AIR AMBULANCE UNITS AND BORDER PATROL UNITS





Versatile and reliable, the Avanti EVO also functions as a highly accomplished multi-utility aircraft in its special mission mode.

The ability to land on short or even semi prepared runways allows access to smaller airfields, making it ideal for humanitarian or medical missions – flying direct to the area of need.

Piaggio Aerospace now provides the Avanti EVO in MedEvac and other special missions configuration with an enlarged cabin door as an option. Five inches larger than the standard EVO cabin door, this allows for easier stretcher loading in ambulance operations.

The low ground clearance of the cabin door and unique loading ramp system reduce the workload of care assistants and cause minimal patient stress. This loading system allows the seamless boarding of patients without any need to lift or tilt the stretcher, because it is at the same height inside the aircraft as it is outside.

Once inside, the extra large cabin of the EVO make it better suited to caring for patients, while flying above the weather makes it more comfortable.

The Avanti EVO Air Ambulance can be equipped with either a dedicated aero medical interior or, with a quick change, MEDEVAC layout for maximum flexibility. In less than two hours a VIP passenger layout can be reconfigured to a stretcher layout for medical evacuation missions.



CUSTOMER SERVICE

PIAGGIO AEROSPACE CUSTOMER SERVICE PROVIDES
CLIENTS WITH A WIDE ARRAY OF AFTER SALES SUPPORT



As the original manufacturer, Piaggio Aerospace's essential understanding of its aviation products and of the needs of its Customers, ensure the most qualified support for your aircraft.

Headquartered in Genoa, Italy and with a branch in Ft. Lauderdale, FL, the Customer Service team is united by a genuine passion for aviation, Piaggio products, and a common goal to help Customers fly safely and efficiently.

Support solutions range from basic services – including spare parts, engineering services, flight and maintenance crew training – up to integrated lifecycle solutions. New solutions are introduced on an ongoing basis, producing a suite of service offerings that

include upgrades, maintenance programme enhancements and retrofits for the P.180.

The main spares distribution centers and factory-owned service center are located in Europe and North America—where the majority of the P.180 fleet is currently operated. There is also a steadily increasing global network of partners and authorized service facilities to ensure EVO operators are closer to spares and repairs as and when they are required.

Forward Wing Care is a new optional per-flight-hour program specifically designed for the Avanti EVO factory-new aircraft providing long-term comprehensive airframe maintenance support and expanded parts coverage.

For new deliveries, this five-year support solution ideally complements the warranty coverage offered by Piaggio Aerospace and its partners.

With Forward Wing Care, the customer is buying budgeting peace of mind, with value added to protect the investment in the aircraft as an asset.

PIAGGIO AEROSPACE
AVANTI EVO



SPECIFICATIONS

EXTERNAL DIMENSIONS		
Span	14.345 m	47.06 ft.
Length	14.408 m	47.27 ft.
Height	3.980 m	13.06 ft.
CABIN DIMENSIONS		
Height	1.75 m	5.74 ft.
Width	1.85 m	6.07 ft.
Length	4.55 m	14.92 ft.
Max Seating Capacity		8+2 crew
Typical Executive Payload		6+1 crew
BAGGAGE COMPARTMENT		
Volume	1.00 m ³	35 ft. ³
Length	1.70 m	5.58 ft.
Maximum Weight	159 kg	350 lb
PRESSURISATION		
Differential	0.62 bar	9.0 psi
Sea Level Cabin up to	7,315 m	24,000 ft.
WEIGHTS		
Max Take-off Weight	5,489 kg	12,100 lb
Max Landing Weight	5,216 kg	11,500 lb
Max Zero Fuel Weight	4,445 kg	9,800 lb
Standard Empty (Shuttle Configuration)	3,561 kg	7,850 lb
Max Fuel Capacity	1,271 kg	2,802 lb
Fuel with Max Net Payload	1,066 kg	2,350 lb
Max Net Payload	794 kg	1,750 lb
Net Payload with Max Fuel	589 kg	1,298 lb
Max Fuel Capacity (Increased Range Configuration)	1,451 kg	3,200 lb
POWERPLANT		
2x Pratt & Whitney Canada PT6A-66B Engines 850 shp/634 kW each (ISA, sea level), flat-rated from 1,630 hp		
2x Hartzell 5-blades Scimitar Propellers		
PERFORMANCE		
Maximum Speed @ 9,000 lb (at 31,000 ft. ISA)	745 km/h	402 KTAS
MMO		0.70 Mach
Max Range (NBAA IFR, Ferry Conf. LRC)	2,813 km	1,519 NM
Max Range (NBAA IFR, Increased Ferry Conf. LRC)	3,350 km	1,809 NM
Service Ceiling	12,497 m	41,000 ft.
Rate of Climb (MTOW, 12,100 lb)	844 mpm	2,770 fpm
Take-Off Distance (SL, ISA, MTOW, to clear 50 ft.)	974 m	3,196 ft.
Landing Distance (SL, ISA, 50 ft., MLW, no reverse)	1,000 m	3,282 ft.

PIAGGIO AEROSPACE

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