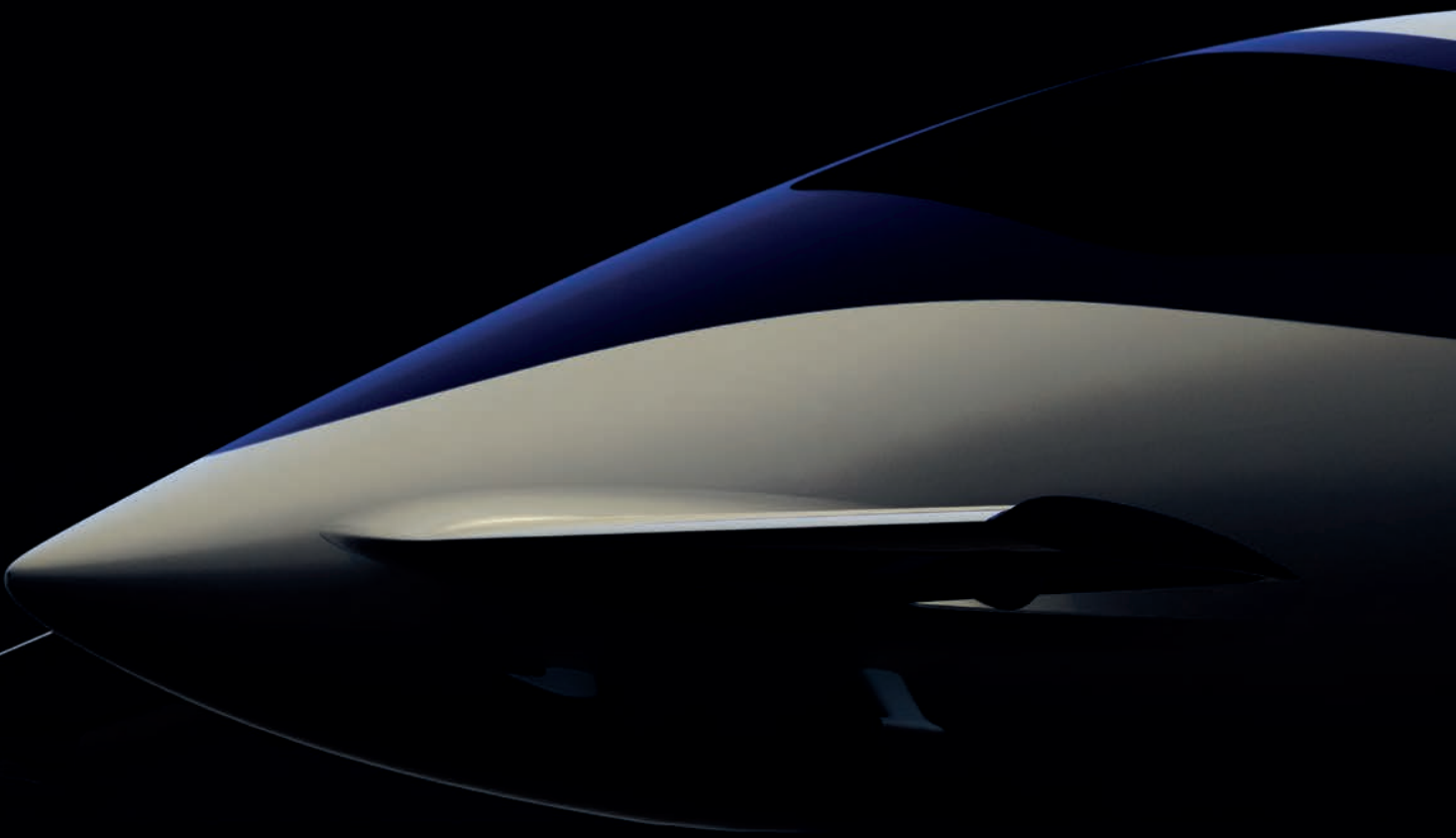


*a v a n t i*  
**evo**



  
**PIAGGIO  
AEROSPACE**







## PIAGGIO AEROSPACE AVANTI EVO SPECIFICATIONS

(subject to change)

### Performance

Maximum Speed (at 31,000ft ISA)	402 KTAS (745kmh)
Maximum Ceiling	41,000ft/12,500m
Rate of Climb (MTOW 12,100lb)	2600fpm/793mpm
Takeoff Dist. (SL, ISA, to clear 50ft)	3262ft/994m
Landing Dist. (SL, ISA, 50ft ,MLW, no reverse)	3282ft/1000m

### NBAA IFR Maximum Range

Standard Configuration	1500nm/2722km
Increased Range Configuration	1720nm/3185km

### External Dimensions

Wing Span (inc winglets)	47ft 0.9in/14.35m
Length	47ft 3.2in/14.41m
Height	13ft 0.7in/3.98m

### Passenger Cabin Dimensions

Height	69in/1.75m
Width	73in/1.85m
Length	179in
Volume	375ft <sup>3</sup> /10.62m <sup>3</sup>

### Baggage Compartment

Total Length	67in/1.70m
Total Volume	44.15ft <sup>3</sup> /1.25m <sup>3</sup>

### Engines

2 x Pratt & Whitney Canada PT6A-66B  
Power 850shp/634kw each (flat rated from 1630hp)

### Weights and balances

Max. Take-Off Weight	12,100lb/5511kg
Max. Landing Weight	11,500lb/5216kg
Max. Zero Fuel Weight	9800lb/4445kg
Empty (Standard Config.)	7850lb/3561kg
Empty (Increased Range Config.)	7900lb/3583kg
Max. Fuel Capacity (Standard Config.)	2802lb/1271kg
Max. Fuel Capacity (Increased Range Config.)	3200lb/1451kg
Useful Load (Standard Config.)	4100lb/1860kg
Useful Load (Increased Range Config.)	4050lb/1837kg
Useful Load (Standard Config.)	1750lb/794kg
Max. Payload (Increased Range Config.)	1700lb/771kg
Maximum Seating Capacity	9+2 crew



## A legend becomes even greater

**AVANTI EVO IS THE LATEST CHAPTER IN THE STORY OF THE AIRCRAFT WHICH REWROTE THE RULEBOOK ON AVIATION ELEGANCE AND PRACTICALITY.**

Avanti EVO blends the very best of Italian style, peerless craftsmanship, and intelligent thinking to create an aircraft that stands alone for its values. With greater range, faster climb, reduced fuel costs, a lower noise footprint, added safety systems, and a more luxurious cabin, Avanti EVO is yet another step forward.

Revel in the performance of the fastest twin turboprop in the world, exceeding 400KTAS – faster than many jets and at a fraction of the direct running costs. Add to that a significantly improved service and support network, an innovative new maintenance program that can keep costs under control better than ever, and Avanti EVO stands alone for intelligence and elegance.

The remarkable new Avanti EVO – a true evolution of a legend.

## Reaching your destination faster

**IN BUSINESS AVIATION SPEED MATTERS. IT FREES HOURS IN YOUR DAY, CUTS TIME IN THE AIR, AND GIVES YOU GREATER CONTROL OF YOUR WORK AND PERSONAL LIVES.**

Piaggio Aerospace's commitment to design perfection yields rewards in allowing speeds in the realm of jets – as you would expect from the world's fastest twin turboprop – but with the reduced fuel flow and operational costs, the instant throttle response, and the rugged usability that makes turboprops so attractive.

With a maximum speed of 402kts (463mph, 745kmh) and improved climb performance to its ceiling of 41,000ft, Avanti EVO is even better for you and your passengers. Turboprop power means reduced fuel, maintenance, and training costs – so Avanti EVO is even better for your budget.

AIRCRAFT	TYPE	CRUISE SPEED (KTAS)
King Air 250	Turboprop	305
King Air 350i	Turboprop	312
Phenom 100	Very Light Jet	390
Citation CJ2+	Light Jet	413
Citation CJ3	Light Jet	417
Phenom 300	Light Jet	450
Avanti EVO	Turboprop	402



## Lower emissions, lower costs

NEVER HAS THE PRESSURE ON AVIATION TO LEAD THE WAY IN REDUCING THE IMPACT OF TRANSPORT ON THE ENVIRONMENT BEEN SO HIGH, AND AVANTI EVO FLIES THE FLAG PROUDEST OF ALL FOR ITS ADVANCES.

Its beautiful shape aids huge fuel savings and lower emissions compared to aircraft in the same class, figures vastly more pronounced when compared to jet rivals. Avanti EVO is a truly green flying machine.

A cut in carbon footprint means Avanti EVO is a sensible and conscientious choice for operators and buyers worldwide, in transport and also in special missions such as flight inspection and medevac, and reflects the savings on budget into the wider world too.

With Avanti EVO you can feel good about your choice in the air and on the ground.

AIRCRAFT	CLASS	GALS/HR	LBS CO <sub>2</sub> /HR
<i>Gulfstream G450</i>	<i>Heavy</i>	400	8468
<i>Falcon 2000S</i>	<i>Heavy</i>	283	5990
<i>Challenger 605</i>	<i>Heavy</i>	358	7113
<i>Citation X</i>	<i>Medium</i>	295	6245
<i>Learjet 60XR</i>	<i>Medium</i>	204	4318
<i>Citation CJ3</i>	<i>Light</i>	149	3154
<i>Learjet 45</i>	<i>Light</i>	198	4191
<i>Avanti EVO</i>	<i>Light</i>	100	2110

## Distinctively intelligent

THE INSTANTLY RECOGNIZABLE LINES OF AVANTI EVO ARE THE PRODUCT OF COUNTLESS HOURS OF RESEARCH AND DEVELOPMENT TO CREATE THE PERFECT FLYING MACHINE. MORE THAN JUST BEAUTIFUL AND DISTINCTIVE, AVANTI EVO REPRESENTS SOME OF THE MOST ADVANCED AERODYNAMIC CONCEPTS AND MANUFACTURING TECHNIQUES IN ALL OF AVIATION.

The design aids its historic efficiency and speed, enhances safety, helps the pilots throughout flight, and actively benefits its passengers too. So not only is it a thing of remarkable beauty, it is a thing of remarkable intelligence and capability.

From nose to tail, a single elegant aerodynamic curve aids laminar flow that reduces drag and raises performance by around 34% compared to conventional aircraft, underscored by the innovative 3LS 'Three Lifting Surface' concept that makes the Avanti EVO so outstandingly good to fly.





## A space for living

**CREATION OF THE MOST AERODYNAMIC AIRFRAME BRINGS BENEFITS INSIDE AND OUT TO AVANTI EVO, SO PASSENGERS GET AN ELEVATED EXPERIENCE IN FLIGHT.**

The stand-up cabin height of 5ft 9in (1.75m) and width of 6ft 1in (1.85m) is the biggest in class, roomier than some very expensive jets and with a restroom as standard.

Able to carry up to 9 passengers in 5 different floorplans, the volume of 375ft<sup>3</sup> (12.88m<sup>3</sup>) means the most space per seat in class, appointed with the finest Poltrona Frau leather.

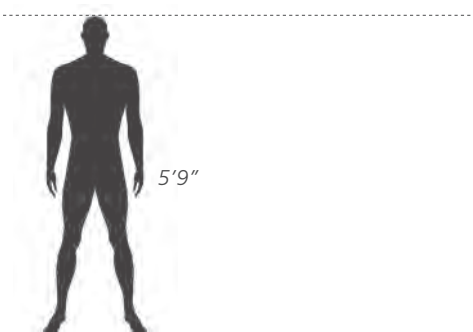
Low noise levels of just 68dB – barely that of a natural conversation – ally to a sea-level cabin altitude all the way to 24,000ft (7315m), rising to only 6600ft (2012m) cabin altitude at the aircraft's 41,000ft ceiling, greatly boosting passenger wellbeing.

Meanwhile, a generous baggage compartment measures 44.15ft<sup>3</sup> (1.25m<sup>3</sup>), and can accommodate golf bags or skis.

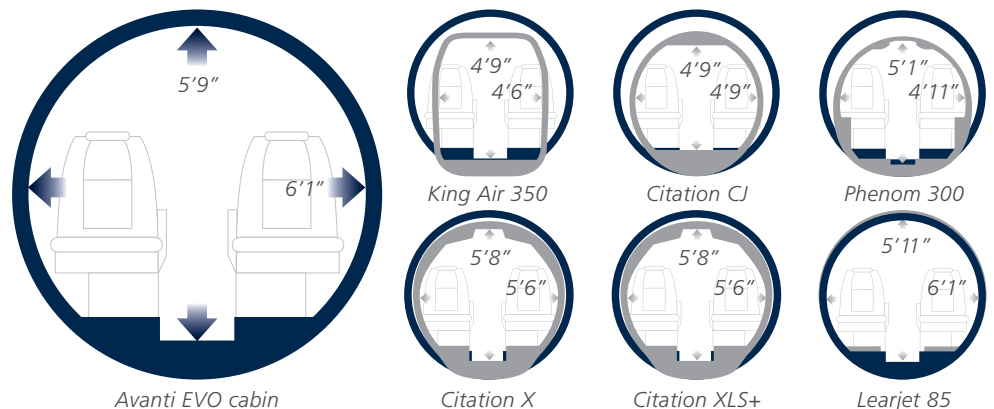
## A space for working

**NEW VIP SEATING FROM EXPERT DESIGNERS IACOBUCCI HF BOOSTS CABIN COMFORT AND USABILITY, DESIGNED TO MOVE FORE AND AFT AND SIDE TO SIDE, RECLINE FULLY, ROTATE 180°, AND ALLOW OCCUPANTS TO MAXIMIZE THEIR WORKING AND LIVING SPACE.**

Allied to an improved full cabin air conditioning and ventilation system, adjustable lighting throughout, improved connectivity for devices (including optional Inmarsat satellite link), and the Avanti EVO builds on its reputation as being one of the most comforting aircraft in which to fly.



Stand-up cabin for your best comfort





## Further than ever before

---

**AVANTI EVO BRINGS GREATER RANGE AND FLEXIBILITY TO GIVE OPERATORS AND PASSENGERS MORE OPTIONS AND FLEXIBILITY THAN EVER BEFORE.**

A new Increased Range Configuration option raises range to a huge 1720nm (1979 miles, 3185km) to allow transcontinental travel, and US coast-to-coast flights with just a single fuelling stop.

Meanwhile Avanti EVO's remarkable airfield performance brings runways of under 1000m into profile, and its steep approach and climb certification means airfield and destination options are wider than those available to any jet or airliner, and closer to final destinations.

## Safer than ever before

---

**AVANTI EVO PILOTS HAVE THE ULTIMATE PLACE TO CONCENTRATE ON THE BEST FLIGHT AND SAFEST OPERATIONS, CENTERED AROUND THE RENOWNED ROCKWELL-COLLINS PRO LINE 21 FLIGHTDECK.**

Fully compliant with EASA CS-23 and FAR Part 23 standards including day, night, VFR, IFR, and flight into known icing, for one or two pilots, it is a benchmark for capability and safety in even the most challenging conditions.

Critical information is always available and flight management, flightplanning, navigation, and comms systems are always accessible, hardware including weather radar is state of the art, and it is fully geared up for Next Gen ops.

Elsewhere, operational safety is aided by the addition of new anti-skid braking, digital steering, better ground lighting, and a host of other intelligent improvements.

Wherever you fly in Avanti EVO, and wherever you look, the story is of Perfection Through Evolution.

## CONTACT US

### PIAGGIO AEROSPACE CORPORATE LOCATIONS

#### **Piaggio Aerospace**

Viale Generale Disegna 1  
17038 Villanova d'Albegna (Savona, Italy)  
Phone +39 0182 266050  
Fax +39 0182 267051  
marketing@piaggioaerospace.it  
www.piaggioaerospace.it

#### **Piaggio America, Inc.**

1515 Perimeter Rd.,  
West Palm Beach, FL 33406  
Phone +1 561 253 0104  
Fax +1 561 253 0238  
info@piaggioamerica.com

#### **Helpdesk & Customer Support**

customersupportdesk@piaggioaerospace.it  
Italy (toll free): 800 180 910

Manufacturer reserves the right to alter, amend and improve specification and componentry of the aircraft at any time at their discretion. Issue Number V2

