

PHENOM 100[®]
BY EMBRAER

IT'S ALL ABOUT LOOKING AT THINGS IN A NEW WAY

The Phenom 100 sets new standards. An entry level jet with next generation technology, it brings a whole new definition of style, comfort, performance and reliability to its category.

And that's not just our opinion. Just two years after its certification, the Phenom 100 had more yearly deliveries than any other executive jet in the world. The market seems to agree that the Phenom 100 truly is a phenomenon.







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“FLY THE PHENOM 100
AND THE COMPETITION.
THE DECISION IS EASY.
I’M SITTING IN MY OFFICE
RIGHT NOW TRYING TO FIND
A REASON TO GO FLY”

KEITH CHRISTENSEN, OWNER

TAKES EXPECTATIONS AND EXCEEDS THEM

As soon as you walk up the steps and through the unique airstair door, you know that this jet is in a different class. The interior is stunning and spacious. Then there's the clean-sheet design, which allows for a totally balanced performance.

Not only is the Phenom 100 the fastest jet in its class, but it's also versatile and can take off and land even on the shortest runways. And with the same DNA as our commercial jets, the Phenom 100 was designed to perform like a pro.



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ENJOY A MORE INTELLIGENT LUXURY

When we were designing the interior of the Phenom 100 with BMW Group DesignworksUSA, we set ourselves a challenge. To create the highest and widest cross section in the category and offer up to eight occupants unprecedented space.

We succeeded. Conventional and circular fuselages were left behind, to create an innovative Oval Lite® cross section, which allows you to enjoy more head and leg-room. But we didn't stop there. The interior is bathed in light, thanks to the fact that the Phenom 100 has the largest windows in its class. And unlike the competition, there's also a rear lavatory with a hard partition door for complete privacy. As for luggage, pack whatever you need; the Phenom 100 has the most spacious baggage compartment among entry level jets.







“EMBRAER COLLABORATED WITH
BMW GROUP DESIGNWORKSUSA TO
CREATE AN ERGONOMIC INTERIOR FOR
BOTH THE COCKPIT AND THE CABIN.
EVERY CURVE AND SURFACE REFLECTS
A CAREFUL EFFORT TO MAXIMIZE
COMFORT AND UTILITY”

ROBB REPORT MAGAZINE, BEST OF THE BEST 2010 EDITION

DESIGNED BY YOU, FOR YOU

Beautiful details affect your mood and thoughts as you fly. And that affects how you feel, and perform on the ground. Embraer and BMW Group DesignworksUSA have applied this profound power in the cabin of the Phenom 100, creating 7 stylish collections combining several variations of materials. So you can create the perfect environment to make every flight a relaxing and luxurious experience.



THE ONYX COLLECTION

Energizing and enthusiastic, Onyx combines a retro feel with 21st century textures and materials.



THE CITRINE COLLECTION

A more relaxed palette helps reduce tension. Passengers will find the colors change with the varying light during the flight.



THE OBSIDIAN COLLECTION

Classically inspired, this palette is all about solidity, reassurance and leadership.



THE AGATE COLLECTION

Liberating, clean, crisp and uncluttered. This is an environment for the meeting of unfettered minds.



THE TOURMALINE COLLECTION

Youthful, entrepreneurial, spirited and unexpected. Tourmaline is the palette of big plans and boundless energy.



THE QUARTZ COLLECTION

Subtle colors appeal to the eye and the touch. This palette is calming and comforting to body, mind and soul.

THE TOPAZ COLLECTION, SHOWN TO RIGHT
Sophisticated, yet strong, Topaz is a welcoming palette that will suit people who prefer warmer colors.



THE BEAUTY IS IN THE DETAIL

Our engineers considered every last detail of the interior, to ensure it offered unsurpassed comfort and style.

Clean, simple, lines create a feeling of lightness, serenity and space. So you have the freedom to work, or simply relax and enjoy some music. With every technology at your fingertips, you can choose how to enjoy your time in the air.

From the comfortable, handcrafted leather seats, to the chrome cup holders that have been carefully recessed to ensure an effortless symmetry; you'll find the beauty really is in the detail.





AVIONICS THAT ARE IN A CLASS OF THEIR OWN

Our whole aim was to make the Phenom 100 fully operational for a single pilot. It's why we made the cockpit all-glass, dark and quiet – and developed the Prodigy™ Flight Deck 100. The result is the most highly intuitive and professional cockpit available among entry level jets.

For navigation, pilots can count on a next generation Flight Management System, which is capable of supporting WAAS/LPV and RNP approaches. This means that performance is optimized and that the Phenom 100 is ready for future navigation requirements.

Human-machine interface capabilities are by far the most advanced in the market. Thanks to exclusive features like Graphical Flight Planning pilots can enjoy quicker and more intuitive flight planning. Also, the smart use of systems' automation has vastly reduced the number of panel switches and pre-flight checks.

To improve situational awareness the list of features is extensive; simply take a look at the points opposite. Even the colors on the displays have been carefully considered to make them easy to understand.

- Synthetic vision
- Weather radar with vertical scanning capability
- Dedicated systems synoptic pages
- Integrated EICAS messages
- Electronic checklist
- Charts and maps
- Satellite weather
- Traffic and TAWS information with map overlays
- Dedicated voice aural warning messages



CHRONO

START STOP-RESET





“THE PHENOM 100 IS VERY
EASY TO FLY, HAVING ONE OF
THE MOST INTUITIVE COCKPITS
OF ANY BUSINESS AIRCRAFT YET
PRODUCED, DOCILE HANDLING
MANNERS AND SIMPLE,
RELIABLE SYSTEMS”

FRED GEORGE, BUSINESS & COMMERCIAL AVIATION MAGAZINE

A close-up, low-angle shot of the tail section of a dark blue aircraft. The tail fin is prominent, with the text 'PHENOM 100' and 'BY EMBRAER' printed in white. A small white rectangular panel is visible on the tail fin. The aircraft's wing is visible at the top, and a portion of the fuselage with orange and white stripes is seen in the bottom left corner. The background is a clear blue sky with some light clouds.

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JUST KEEPS GOING AND GOING

Thanks to our commercial aviation experience, we completely understand the concept of high utilization design, delivering reliability, simple maintenance, extended economic life and low operating costs.

The proven maintenance methodology, MSG-3 ensures a scheduled plan of 600 hours or 12 months between inspections. As for economic life, the Phenom 100 was designed, from scratch, to deliver 35,000 cycles. An impressive 20,000 more than its nearest competitor's original design.



GO FURTHER, FASTER

So why is the Phenom 100 top of its class when it comes to performance? Is it because of its docile flying characteristics? Or because it can fly over 1,000 nm (1,850 km), taking off from runways as short as 3,000 ft (900 m)?

Maybe it's the single-pilot workload philosophy with integrated avionics? Perhaps it's a combination of all the above, which allows the Phenom 100 to deliver a truly balanced performance. Plus, it gets you to more places 50 knots faster than the closest competitor's jet, using less fuel, even when you compare it to a Turboprop.



“EVERY FLIGHT IS A JOY!
I CAN'T THINK OF ANY
REASON WHY ANYONE WOULD
CHOOSE A COMPETITIVE
ALTERNATIVE TO THIS
REMARKABLE AIRPLANE”

STEVEN HAMERSLAG, OWNER



LOOKING TO THE FUTURE

At Embraer we make every effort to protect the environment. The Phenom 100 meets ICAO Stage 4 noise regulations and complies with the world's most noise-restrictive airports. It also produces 35% less CO₂ than older aircraft and up to 12% less than current competitors, figures we're constantly working to improve.





ALL THE SUPPORT YOU NEED

Since 1969 Embraer has developed commercial and defense aircraft that have thrived in a competitive market. We are now a global company with offices in North America, Brazil, Europe, Singapore and China.

Part of our success was down to the fact that we pride ourselves on delivering excellent customer support. Maybe that's why more than 90 airlines, from over 50 countries are flying Embraer Commercial Aircraft.

It was only natural for us to take this expertise and develop a specific program for the executive jet market, which is customized to each client's needs. Worldwide distribution centers guarantee maximum parts availability through immediate access to our parts pool and on-site stocks. And because perfection is our philosophy, our executive jets exclusive service centers are constantly evolving and growing to ensure our support network continues to get even better.



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WE KNOW WHERE WE WANT TO BE
NOW WE'D LIKE YOU TO JOIN US

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