

PHENOM 300[®]
BY EMBRAER

IT'S WHERE YOU WANT TO BE

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PHENOM

THE ULTIMATE EXPRESSION OF THE LIGHT JET CATEGORY

When Embraer entered the executive market our ambition was to exceed expectations and create jets that redefined their categories. Welcome to the Phenom 300. With best-in-class performance, comfort and utility, it stretches the limits of the light jet category. An executive jet that is truly designed for the 21st century.



WHATEVER YOUR EXPECTATIONS ARE PREPARE TO EXCEED THEM

The first clean-sheet light jet design in a generation, the Phenom 300 sets new standards.

Our engineers meticulously considered every tiny detail to make it as close to perfection as possible. Take the door. A simple twist of the embedded handle will release the massive airstair, which lowers to the ground with perfect balance. Then there's the interior. Beautifully designed together with BMW Group DesignworksUSA, passengers can travel in total comfort and style.

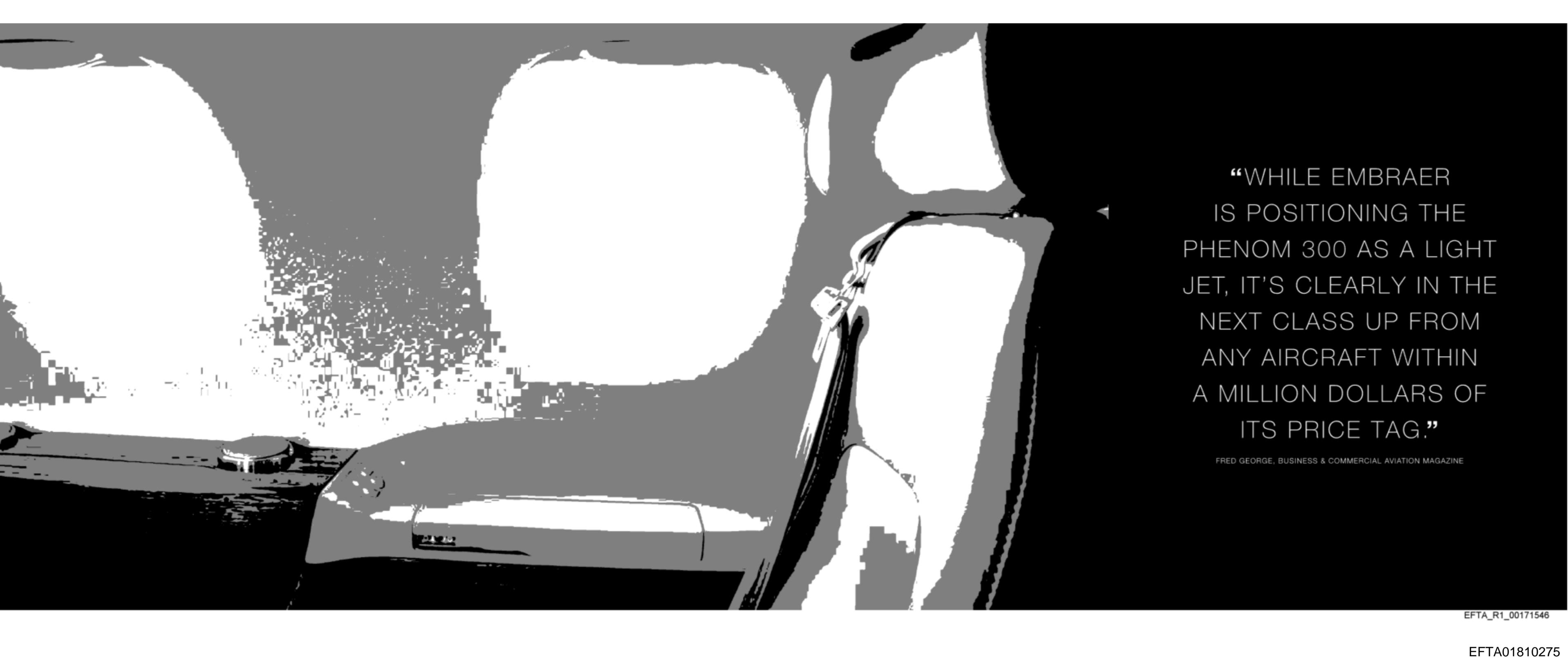
But there's much more to the Phenom 300 than exquisite looks. This is a jet that has been designed to outperform the competition in just about every area. Bigger, faster, with a lower cabin pressure altitude and the latest technology, the Phenom 300 makes complete business sense in today's economic climate.



REDEFINING COMFORT

When we created the cabin for the Phenom 300, we wanted to offer up to eleven people unprecedented room. However, our aim wasn't just to create a luxurious interior; it was to use space more intelligently.

And this meant breaking with convention. Instead of creating a circular fuselage, we redefined the shape and invented the Oval Lite[®] cross section, so passengers can sit up straight or stretch out. But it's not just the cabin that's spacious. The jet has the largest cockpit, galley and windows in its class. Even the baggage compartment has more space than any other light jet.



“WHILE EMBRAER IS POSITIONING THE PHENOM 300 AS A LIGHT JET, IT’S CLEARLY IN THE NEXT CLASS UP FROM ANY AIRCRAFT WITHIN A MILLION DOLLARS OF ITS PRICE TAG.”

FRED GEORGE, BUSINESS & COMMERCIAL AVIATION MAGAZINE

MIX AND MATCH TO CREATE YOUR OWN UNIQUE INTERIOR

Studies have shown that your surroundings can affect your emotions, your heart rate, even your blood pressure. But everybody is individual and different designs have different effects.

Nobody understands this better than BMW Group DesignworksUSA. So they helped us develop a design idea that allows you to craft your own unique interior, by mixing and matching different materials.



GALLEY

The largest fully capable galley in its class includes a specially designed in-built 'Hot Jug', so you can enjoy delicious fresh coffee.



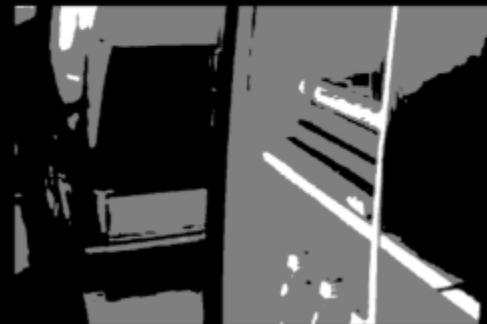
BASIN

A generous, ergonomic basin means you can freshen up during the flight.



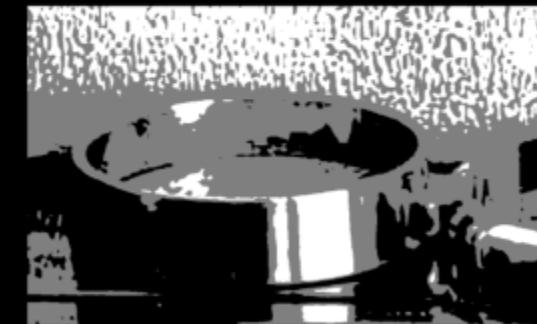
LAVATORY

The lavatory is separated from the cabin by a hard partition door and has two windows – a feature not found in any other light jet.



WARDROBE

At the front of the plane, in addition to the galley, there's more space for carry-on and laptop bags, refreshments, books or whatever you need to store.



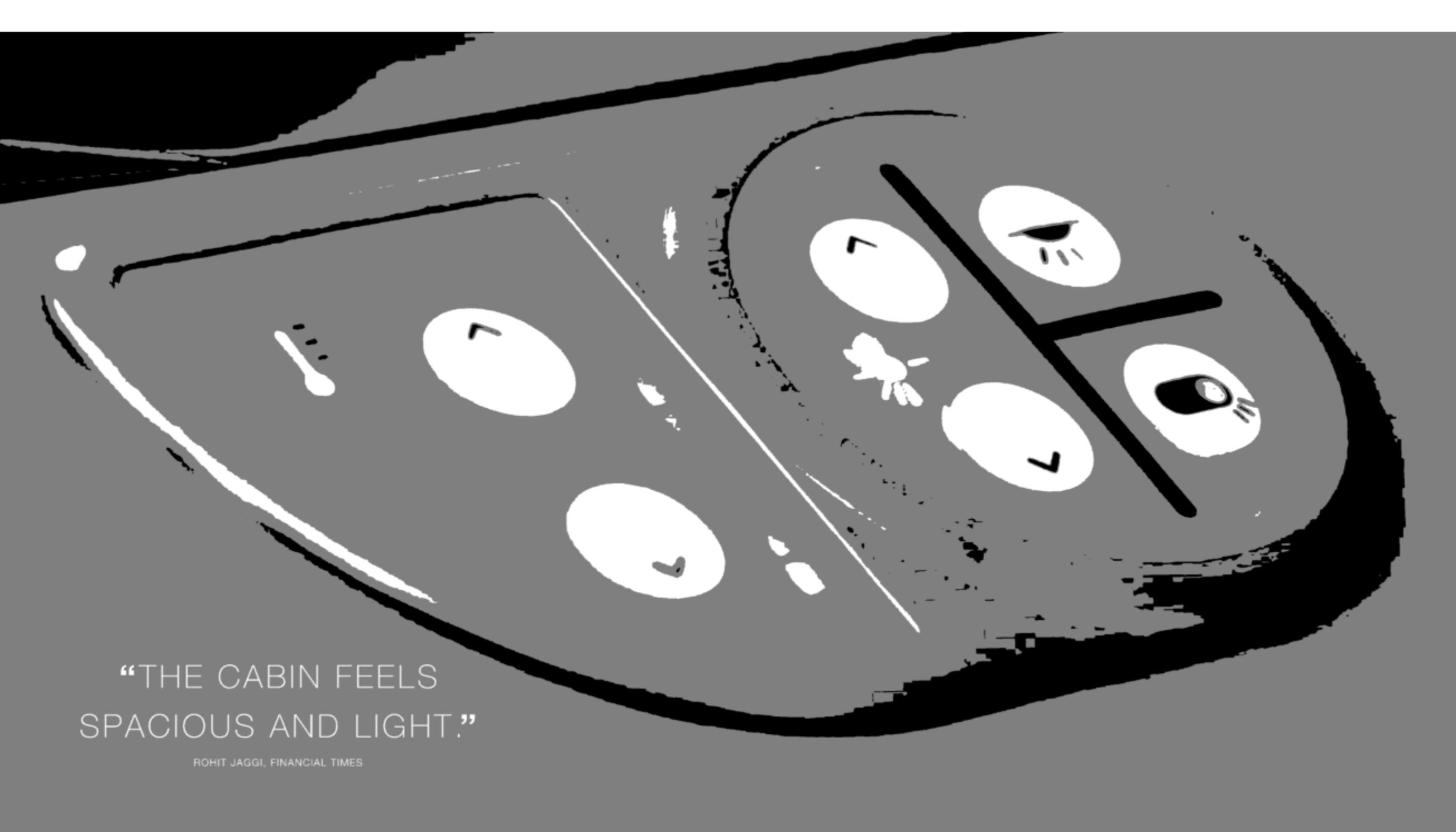
FINISHING

Take a closer look. You'll see that every single detail has been superbly designed and finished, right down to the chrome plated cupholders.



SEATING

We wanted you to travel in total comfort. So unlike other jets in its category, the Phenom 300 has seats that can recline to create a bed, swivel, plus slide forward and back. Effortlessly.



“THE CABIN FEELS
SPACIOUS AND LIGHT.”

ROHIT JAGGI, FINANCIAL TIMES

“THE CABIN’S COOL,
CLEAN LINES AND APPEARANCE
ARE REMINISCENT OF
UPSCALE AUTOMOBILES.”

MARK HUBER, BUSINESS JET TRAVELER MAGAZINE

VIRTUALLY A MIND READER

Embraer's commercial heritage has allowed our engineers to produce the most highly intuitive and professional cockpit available among light jets. The Prodigy™ Flight Deck 300.

Our aim was to cut workload to a minimum, so there was more time to focus on the overall situation. For navigation, pilots can count on a next generation Flight Management System, which is capable of supporting WAAS/LPV and RNP approaches. This not only optimizes performance, but also means that the Phenom 300 is ready for future navigation requirements.

Simplicity is key. The number of panel switches and pre-flight checks has been massively reduced thanks to the smart use of systems' automation. Our engineers have also ensured the human-machine interface capabilities are the most advanced in the market. Exclusive features, such as Graphical Flight Planning, save time and make flight planning more intuitive.

To improve situational awareness the list of features is extensive; simply take a look at some examples opposite. The Phenom 300 stretches the limits of the light jet segment, making it a joy for single pilots to fly.

- 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





“BIGGER, FASTER, STRONGER
AND MORE SOPHISTICATED,
THE 300 IS A WHOLE DIFFERENT
CLASS OF AIRPLANE.”

ROBERT GOYER, FLYING MAGAZINE



A NATURAL PERFORMER

Powered by Pratt & Whitney Canada engines, the Phenom 300 can easily be flown by a single pilot and delivers a truly outstanding performance.

It can take off at Maximum Gross Weight, even out of challenging airports at high elevations and hot temperatures, yet still climb direct to 45,000 ft, where it can avoid turbulence or air traffic. Plus, with an initial climb rate of 4,000 fpm, it reaches typical cruising altitudes in less than 15 minutes.

All this power is combined with excellent fuel consumption and a refined aerodynamic design. The Phenom 300 uses 14% less fuel when compared to its nearest recently certified competitor and still delivers a superior high speed of 453 knots or 839 km/hour.

This efficiency is boosted by the very latest technology. The brake-by-wire system is lighter and has fewer components, plus provides better braking efficiency.

From every perspective, you will find that the Phenom 300 is a natural performer.



READY AND WAITING FOR YOU

The Phenom 300 was designed with the same high reliability and simple servicing philosophy as an airliner. From the very start it has been carefully engineered to feature technology previously unheard of in a light jet.

Dispatch times are fast. The Phenom 300 has an externally serviced lavatory and uniquely features standard single-point refueling, so tanks can be filled in just 12 minutes. SmartProbe™, a technology usually only available in much larger aircraft, means fewer maintenance procedures and more precise air data information.

Designed for high utilization, the Phenom 300 has an economic life of 35,000 hours and a scheduled maintenance plan of 600 hours or 12 months between inspections. So it spends more time where it's supposed to. In the air.

WE'RE COMMITTED TO DOING OUR BIT

At Embraer we take the impact we have on the environment seriously. The Phenom 300 meets ICAO Stage 4 regulations and complies with the world's most noise-restrictive airports. It also produces up to 29% less CO₂ than older aircraft and 14% less than current competitors.* It's just part of our endeavor to create a more sustainable future.



* Source: Business & Commercial Aviation Magazine – April 1982, May 2010.

DELIVERING EXCELLENT CUSTOMER SUPPORT IS IN OUR BLOOD

Embraer has developed commercial and defense aircraft since 1969 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 is 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 Jets.

Naturally when we moved into the executive jet market, we wanted to deliver the same high standards, so have developed a specific program 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 we consistently strive for perfection, we are always improving and adding to our service centers, so our support network continues to go from strength to strength.



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

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