



HondaJet

The logo features a stylized, white, italicized monogram of the letters 'HJ' positioned above the brand name 'HondaJet', which is also written in a white, italicized serif font.

THE POWER OF DREAMS

At Honda, we believe in the power of dreams – an astonishing force that inspires innovation and drives accomplishment.

Our dreams compel us to design with wonder and engineer with science. For sixty years we have channeled the power of dreams toward a common goal: advancing human mobility.

Honda products have moved millions of people from place to place all over the world. But the dawn of a new century brought with it a new dream – to expand our definition of mobility beyond the bounds of land and sea.

We sought the sky. With HondaJet we achieved it.

HondaJet marks a new era in our company's history, an era in which the power of dreams will define the future of aviation – and introduce a more advanced way to fly.

We welcome you to join us.

A handwritten signature in black ink, appearing to read 'M. Fujino', with a stylized, sweeping flourish at the end.

Michimasa Fujino
President & CEO
Honda Aircraft Company



ENGINEERED FOR PERFORMANCE

An all-composite fuselage, a natural-laminar flow airfoil and nose design, and an over-the-wing engine configuration combine to enable the highest speed and best fuel efficiency in its class.



DESIGNED FOR DESIRE

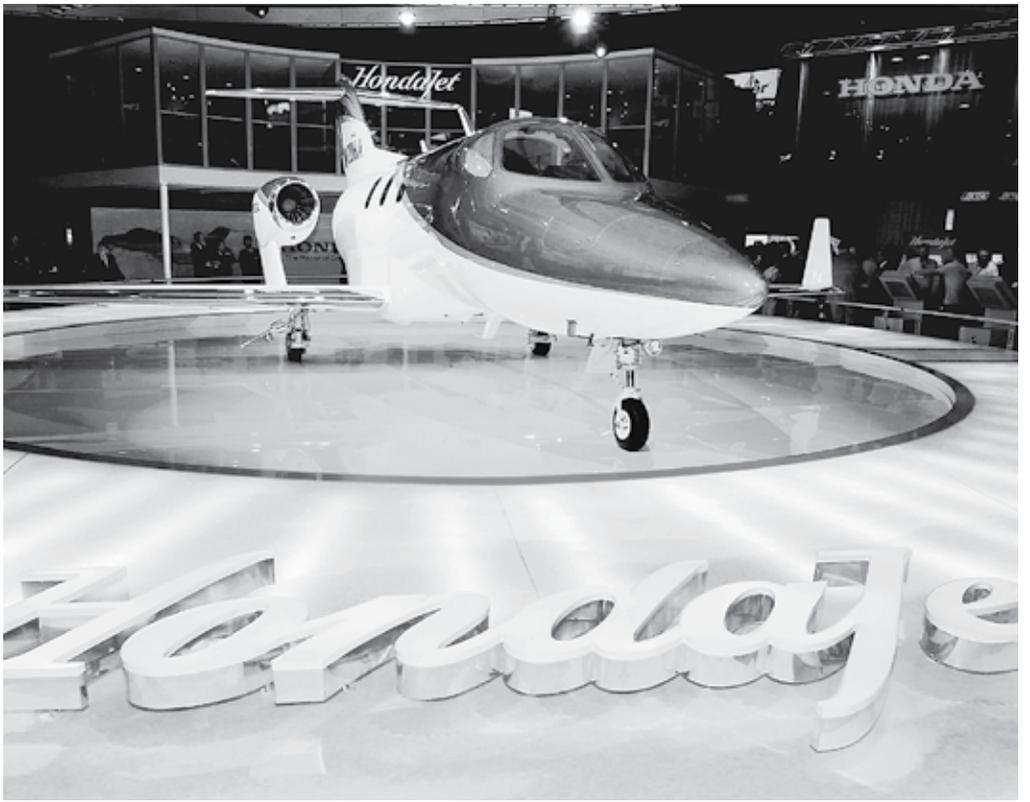
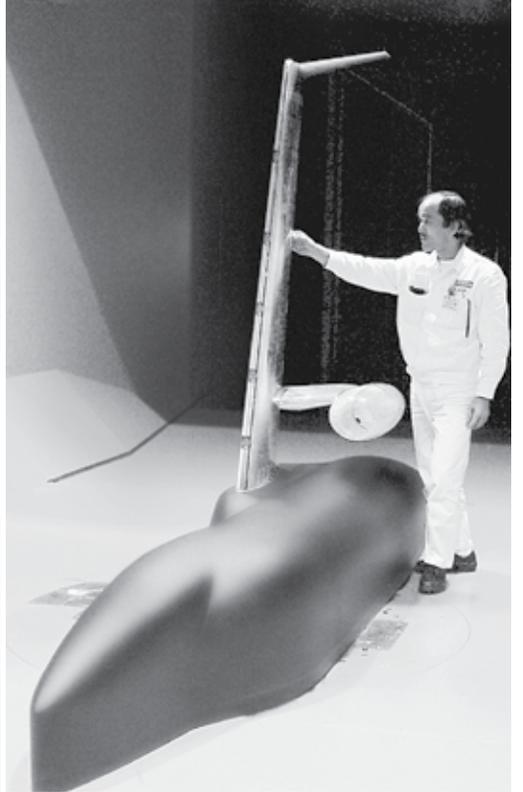
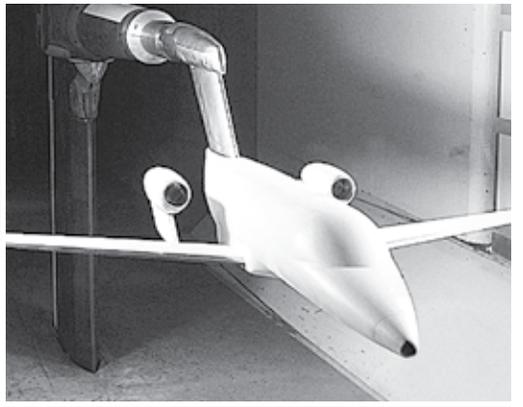
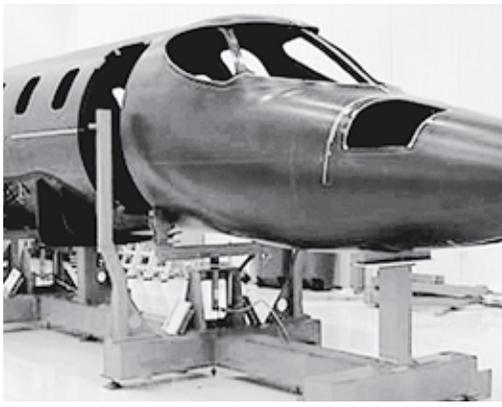
The preferred execution of onboard comfort includes a spacious, elegantly appointed cabin, handcrafted club seating, and personal seat-side amenities.



BUILT FOR PERFECTION

Innovative design, exacting development, and meticulous testing result in a new class of light jet: Advanced.





THE HONDAJET STORY

HondaJet was borne of the power of dreams – power that drove our innovations in aircraft design from thought to drawing board to flight in just seven years.

True innovation in aviation takes a deeper passion, a greater vision, and an enduring determination to set a higher standard in flight.

HondaJet began as an intellectual contemplation and developed into a series of questions: How could a light jet become more efficient, more elegant, more advanced?

Experimentation, exploration, and research ensued – and the HondaJet vision was realized through design innovations that create an integrated, advanced whole.

The realization of a dream is equal parts romance and pragmatism. For every hour spent sketching an elegant wing, equal time is logged building it.

And so HondaJet is remarkable not only in its ideation, but in its execution.

1997: A thought became a sketch.

1998: A sketch became a wind tunnel model.

1999: A wind tunnel model became

a prototype. In 2000, HondaJet's progress was such that a new research facility was established exclusively for its development.

In 2003, HondaJet undertook its inaugural flight. In 2005, it debuted before a global audience at EAA AirVenture. In 2006, the jet became available for purchase. And in 2007, Honda Aircraft Company broke ground on its world headquarters, research and development facility, and aircraft plant in Greensboro, North Carolina.

Today HondaJet is aloft, an airborne testament to the power of dreams. Its place in the sky is assured not just by aviators, but by all of us who seek to stretch the bounds of human mobility. HondaJet allows us to reach past the ordinary to a place where advanced aviation is within our grasp.



HIGHER PERFORMANCE. LOWER IMPACT.

Honda's legacy of innovative and efficient technology is driven, in so many ways, by the world around us. For sixty years, we have worked to further human mobility by combining higher performance with lower environmental impact.

HondaJet follows in that tradition with quieter operation, higher fuel efficiency, and lower emissions than any jet of its size.

Less ground-detected noise.

HondaJet's unique over-the-wing engine-mount design provides a natural sound baffle that reduces noise relative to traditional engine configurations.

Higher fuel efficiency.

An all-composite fuselage, reduced drag design, and highly efficient engines provide HondaJet with the fuel efficiency of a very light jet while offering the performance and spaciousness of a larger light jet.

Lower emissions.

HondaJet is designed to meet or exceed extrapolated Committee on Aviation Environmental Protection (CAEP) standards. It emits as little as 40% of the NO_x produced by aircraft equipped with dual 6,000 lb thrust category engines.

With these measures HondaJet sets new standards in aviation – a more mindful approach to flight, and a respect for the skies we share.

OVER-THE-WING ENGINE-MOUNT DESIGN

Advanced engineering for performance and passenger comfort

HondaJet's Over-the-Wing Engine-Mount (OTWEM) design solves two challenges, beautifully:

Wave-drag reduction is so efficient, HondaJet actually out-performs clean-wing designs.

No engine-mount fuselage encroachment creates a larger, more spacious cabin and greater cargo stowage capacity.





NATURAL-LAMINAR FLOW AIRFOIL AND NOSE

Advanced engineering for performance and efficiency

HondaJet's Natural-Laminar Flow (NLF) airfoil and nose design boosts fuel efficiency and improves performance, simultaneously:

High maximum lift coefficient and low profile drag coefficients at climb and cruise result in high fuel efficiency and class-leading performance.

Reduced sensitivity to leading-edge contamination provides improved low-speed performance.

The image shows the interior of a private jet cabin. A large, light-colored leather seat with visible stitching is on the left. To the right is a large, rounded rectangular window with a white frame. Below the window, there are two small blue circular vents. The overall lighting is warm and soft, highlighting the textures of the leather and the smooth surfaces of the cabin walls.

ALL-COMPOSITE FUSELAGE

Advanced engineering in aviation fuselage design

A light all-composite fuselage is one reason HondaJet offers both exceptional fuel efficiency and performance – and its structure allows for a more spacious cabin, as well:

Co-cured integral structure and honeycomb sandwich structures produce a lighter fuselage design for greater fuel efficiency and increased performance.

Advanced fuselage configuration contributes to larger interior cabin space for greater comfort and increased payload.

GE HONDA HF120 TURBOFAN ENGINE

Advanced engineering for performance and reliability

GE Honda HF120 turbofan engines power HondaJet to new levels of performance for speed, efficiency, and dependability:

Fluid dynamics software automatically optimizes airflow for maximized performance.

Full Authority Digital Electronic Control (FADEC) system provides superior reliability and optimal operation.





SPECIFICATIONS

FLIGHT DECK

All-glass flight deck with full information integration

Dual Primary Flight Displays (PFD)

Central Multi-Function Display (MFD)

LAVATORY

Fully private aft lavatory

Flushing toilet (externally serviceable)

Black marble vanity with elegant cobalt

blue washbasin

Coat and magazine storage areas

PASSENGER CABIN

Executive seating for four in classic club configuration and single-place divan

Fully-adjustable leather seats, folding tray tables, and power window shades

Dropped aisle enhances ease of movement about the cabin

Cabin dimensions

4.83 ft [1.47m] H x 5.00 ft [1.52 m]

W x 17.80 ft [5.43 m] L

BAGGAGE

Nose compartment

9 cubic feet of space, externally accessible

Aft compartment

57 cubic feet of space, externally accessible

P E R F O R M A N C E

Maximum Cruise Speed @ FL300	420KTAS
Service Ceiling	FL430
Rate of Climb	3990 ft/min
IFR Range	1180 nm
Take-off Distance	3120 ft
Landing Distance	2500 ft

E N G I N E S

Manufacturer / Model	GE HONDA / HF120
Output	1880 lb/each
Bypass Ratio	2.9



E X T E R N A L D I M E N S I O N S

Height	13.21 ft [4.03 m]
Length	41.70 ft [12.71 m]
Span	39.87 ft [12.15 m]

P A Y L O A D

Passengers	2 crew + 5 passengers
Baggage	66 cubic feet



HONDA
The Power of Dreams