### Performance

**Takeoff Distance to 50 ft Sea Level, ISA to 50 ft (15 M) @ MGTOW**
- 2,394 ft

**Landing Distance, 4 Pax, NBAA IFR Reserve**
- 730 M

**Rate of Climb - 2 Engines**
- 3,456 ft / min

**Rate of Climb - 1 Engine**
- 1010 ft / min

**Time to Climb - 1 Engine**
- 29 min

**Takeoff at 5,000 ft (1,524 M) at ISA + 15˚C**
- 3,843 ft

**Single Engine Takeoff Climb at 5,000 ft (1,524 M) at ISA + 15˚C**
- 697 ft / min

**Max Cruise Speed (TAS)**
- VSO
- 375 KT

**VSO / Max**
- 73 KT

**VSO / Max**
- 695 KT / HR

**Max Altimeter**
- 41,000 ft

**Single Engine Service Ceiling**
- 35,000 ft

**Range - Max NBAA IFR 100 NM**
- 1,125 NM

**Range - Max IFR 45-Minute Reserve, 4 Occupants, 200-Lb (90KG) Pilot, Three 170-Lb (77-KG) Passengers**
- 1,300 NM

**Weight**
- Maximum Ramp
  - 6,034 lb
- Maximum Takeoff
  - 6,060 lb
- Maximum Landing
  - 5,400 lb
- Empty
  - 3,634 lb
- Fuel Capacity
  - 1,698 lb / 251 GAL
- Useful Load
  - 2,400 lb

**Engines**
- 2 Pratt & Whitney Canada PW610F Turbofans
- 900 LBF (Each)
- 4.00 KN (Each)

**Accommodations**
- Seats
  - 6 Max

**Pressurizations**
- Sea Level Cabin to
  - 21,500 ft
- Cabin Altitude at 41,000 ft
  - 8,000 ft

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1 Flaps up, gear up, sea level, 15˚C, max takeoff power
2 Flaps up, gear up, sea level, 15˚C, max takeoff power + automatic power reserve
3 Flaps up, gear up, max takeoff power + automatic reserve
4 The V SO speeds of the Eclipse 500 do not exist because they are less than V SO.

Data subject to change.

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The Eclipse Jet did more than redefine a class. It defined a new one. The light jet class of aircraft was created because the combination of weight, power, and speed that the Eclipse Jet brought into aviation had never before been seen. And the sleek new all-leather interior appointments of the Eclipse Jet redefine style.

What does this mean for you? It means that you can go wherever you want, when you want, and fly lighter and cheaper than in any other jet aircraft. And you can do this while still enjoying a jet’s capability to fly safely over any inclement weather that may pass your way.
THE ECLIPSE JET. UNLIKE ANYTHING ELSE IN THE SKY.

Once upon a time, there was a big problem in the private air travel industry. Private jet travel was reserved for the ‘elite.’ Eclipse Aerospace has changed all that. The way we saw it, why shouldn’t the convenience, performance, and safety of private jet travel be available to more people? People, for example, like you?

Our answer was a twin-engine jet that is affordable, easy to own, easy to operate, and offers performance capabilities previously found only in military and commercial aircraft.

Now introducing the Eclipse Jet: the last step on your long journey to find the perfect aircraft. The Eclipse, with its advanced, high-tech features usually seen in aircraft costing millions more, is built using innovative techniques that drive quality up and manufacturing costs down. Complete with the Avio Integrated Flight Management System (IFMS) and XM weather integration, a plush cabin with all-leather seating, superior insulation for an unbelievably quiet ride, and an IFR range of 1,125 nautical miles, the Eclipse Jet is defined by safety, comfort, and convenience.

FLY IN RELAXING COMFORT

Thoughtful, ergonomic interior appointments create a peerlessly beautiful cabin with the fit finish, and attention to detail that characterize the world’s finest aircraft. The cabin is a tasteful blend of beauty, comfort, and practicality. We use superior acoustical and thermal insulation to make the cabin of the Eclipse Jet extremely quiet, allowing passengers to carry on a quiet conversation while in flight.

FLY SAFE. FLY FAST. FLY AN ECLIPSE JET.

MYTH: JETS ARE HARD TO FLY

A surprising truth is that jets are easier and safer to fly than you may have been led to believe. With the Eclipse Jet, you enjoy twin-engine performance with an unmatched center line thrust design, making single-engine operation a non-event. Experienced pilots will marvel at the sophistication of the Avio IFMS. Those new to jet aircraft will be amazed at how easy and intuitive the IFMS is to use. But mostly you’ll love how it makes the Eclipse Jet effortlessly fun to fly.

AN ECLIPSE JET WILL HAVE A HUGE IMPACT ON YOUR LIFE. NOT THE PLANET.

We built the Eclipse Jet with an eye to the environment. It’s extremely quiet—a full 40 dB quieter than the world’s most stringent Stage 4 noise requirements. Smoke is released at a rate 50 times lower than regulatory limits. The plane is assembled using friction stir-welding, a green manufacturing process that produces no fumes. Its engine fire suppression system, PhostrEx™ is the first Halon alternative agent to be approved by the EPA and FAA in more than 50 years, and conforms to international treaties protecting the earth’s atmosphere.

MAXIMUM PERFORMANCE. MINIMUM FUEL BURN.

The Eclipse Jet operates more efficiently than any comparable jet at any altitude. Extremely beneficial at cruising altitudes, at lower altitudes it provides fuel burn rates you’d associate with a turboprop instead of a jet. Just check the numbers:

<table>
<thead>
<tr>
<th>FL200</th>
<th>FL250</th>
<th>FL300</th>
<th>FL350</th>
<th>FL400</th>
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<td>Pounds*</td>
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<tr>
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<tr>
<td>GPH</td>
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<td>2:51</td>
<td>2:47</td>
<td>2:38</td>
</tr>
</tbody>
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* Block time includes taxi, takeoff, and flight fuel.
** Flight time is measured from takeoff to landing.

With fuel prices more of a concern than ever, doing the math is simple— you want the jet with the best fuel efficiency. That makes the Eclipse Jet the only way to fly.