

Eclipse Special Edition (SE)



Factory Renewed Eclipse 500 Twin-Engine Jet



Pre-owned, factory refreshed, good as new

For the budget conscious consumer, the Eclipse SE offers the opportunity to acquire the latest capabilities in a pre-owned, factory refinished aircraft. The included 3-year warranty and maintenance plan removes the uncertainty of hidden or surprise costs in owning and operating a pre-owned jet, providing you with security and confidence in your purchase. Compare the Eclipse SE to others in its class, and realize that saving money doesn't always mean sacrificing the safety, luxury, speed, and efficiency that you expect from a jet aircraft.

Efficient, reliable, economical

The Eclipse SE is fast, efficient, quiet and comfortable, most importantly, it's safe and reliable, and includes technology on par with new aircraft. Purchasing an Eclipse SE ensures you will save time, energy and money each time you fly. The Eclipse SE has a low acquisition cost and low operating cost providing value throughout the ownership experience.

Eclipse SE Features:

All Eclipse SE aircraft are certified to 41,000 ft for Flight Into Known Icing (FIKI), and are RVSM eligible. The P610F Pratt & Whitney engines are paid current (through delivery) on a Gold Engine Service Plan (ESP). Additionally, all mandatory and recommended Service Bulletins and Airworthiness Directives for the aircraft have been completed. Your SE purchase will include one initial or recurrent type rating training credit, one year Jeppesen North America subscription, and one year of Aircraft Maintenance Manual updates. All Eclipse SE aircraft are customized to your preferences with new paint and a new interior.

Performance by Numbers

Max Cruise Speed: FL300, 4,000 lb, ISA	375 kt
NBAA IFR Range w/ Max Fuel:	1,125 nm
Max Altitude / Ceiling:	41,000 ft
Cruise Fuel Flow:	48 - 68 gph
Available payload w/ Full Fuel: (Incl. Pilot)	614 lb
Takeoff Distance:	2,433 ft
Landing Distance:	2,790 ft
Time to Climb to 41,000 ft: ISA, MTOW	34 min
All Engine Rate of Climb: ISA, MTOW	2,641 fpm
One Engine Inop. Rate of Climb: 5500 lb	539 fpm
One Engine Inop. Service Ceiling: 5500 lb	27,400 ft

Uncompromising Safety

The Eclipse SE twin-engine jet offers the an advanced cache of safety features for a single-pilot rated jet. The Integrated Flight Management System (IFMS) monitors all aircraft systems and advises the pilot when something needs attention. The IFMS automatically performs many traditional pilot's tasks, such as pressurization scheduling and fuel management, reducing pilot workload. Add to that anti-skid brakes, auto throttles, underspeed and overspeed protection, onboard and downlink radar, traffic and terrain systems, and you'll clearly see the value and safety of the Eclipse SE.

Purchase an Eclipse SE:

To contact a ONE Aviation sales representative in your area call 847.850.7560, by email at contact@ONEaviation.aero, or visit www.ONEaviation.aero



ECLIPSE

ECLIPSE JET Comparison Chart

PERFORMANCE	COST		PERFORMANCE		COST		PERFORMANCE		COST	
	Comparison Item	Eclipse 550	Citation Mustang	Embraer Phenom 100	Citation M2	Daher TBM 900/930	Piper M500	Cirrus Vision	Hondajet	
Price	\$2,995MM	\$3,465MM	\$4,161MM	\$4,655MM	\$3,798MM	\$2,276MM	\$1,966MM	\$4.5MM		
Max Cruise Speed, FL300, 4,000 lb	375 kt	339 kt	389 kt	401 kt	330 kt	260 kt	300 kt	422 kt		
NBAA IFR Range w/ 4 Occupants	825 nm	967 nm	1,050 nm	1,177nm	1,150 nm	699 nm	714 nm	1,223 nm		
Max Altitude / Ceiling	41,000 ft	41,000 ft	41,000 ft	41,000 ft	31,000 ft	30,000 ft	28,000 ft	43,000 ft		
Cruise Fuel Flow	68 gal / hr	75-91 gal / hr	78-127 gal / hr	77 - 137 gal / hr	36-61 gal / hr	20-36 gal / hr	N / A	N / A		
Available Payload w/ Max Fuel	414 lb	555 lb	602 lb	491 lb	891 lb	350 lb	N / A	644		
Takeoff Distance	2,433 ft	3,110 ft	3,123 ft	3,210 ft	2,380 ft	1,650 ft	2,036	<4000 ft		
Landing Distance	2,790 ft	2,139 ft	2,466 ft	2,340 ft	2,430 ft	1,020 ft	1,721	<3,050 ft		
Time to Climb to 37,000 ft	25 min	20 min	24 min	18 min	Unable	Unable	Unable	N / A		
All Engine Rate of Climb (@ Sea Level), MTOW	2,641 fpm	3,010 fpm	3,033 fpm	3,698 fpm	1,550 fpm	1,556 fpm	3,000 fpm	3,990 fpm		
One Engine Inop. Rate of Climb*	407 fpm	432 fpm	560 fpm	618 fpm	Emergency Landing	Emergency Landing	Emergency Landing	N / A		
One Engine Inop. Service Ceiling	35,000 ft	26,900 ft	24,045 ft	26,800 ft	Emergency Landing	Emergency Landing	Emergency Landing	N / A		
Flight Time	1 + 46	1 + 56	1 + 46	1 + 38	1 + 55	2 + 32	N / A	N / A		
Fuel Used	837 lb	1,134 lb	1,263 lb	1,362 lb	830 lb	661 lb	N / A	N / A		
Mission Fuel Cost**	\$832	\$1,066	\$1,188	\$1,281	\$780	\$622	N / A	N / A		
Specific Range ***	0.717	0.529	0.475	0.441	0.723	0.908	N / A	N / A		
Flight Time	3 + 04	3 + 19	3 + 05	2 + 43	3 + 10	Unable	N / A	N / A		
Fuel Used	1,137 lb	1,717 lb	1,874 lb	2,018 lb	1,320 lb	Unable	N / A	N / A		
Mission Fuel Cost**	\$1,072	\$1,614	\$1,762	\$1,898	\$1,241	Unable	N / A	N / A		
Specific Range ***	0.880	0.582	0.534	0.496	0.758	Unable	N / A	N / A		

1,000 NM MISSION
600 NM MISSION
Assumes 4 Passengers

* OEI Part 25 Performance calculation based on Sea Level, ISA, MTOW, Takeoff second-segment net climb
** Fuel Cost at \$6.30 per gallon
*** Distance Flown / Total Fuel Burn = Nautical Miles / Pounds of Fuel

Sources
Conklin & de Decker Associations; Business & Commercial Aviation, August 2014; Manufacturer's Aircraft specifications from their respective websites

