



ECLIPSE
AEROSPACE

ECLIPSE 550 JET COMPARISON CHART

Comparison Item	FLY TODAY			FLY TOMORROW?					
	JETS	TURBO PROPS	JETS OF THE FUTURE						
	Eclipse 550	Cessna Mustang Embraer Phenom 100 Beechcraft King Air C90 EADS Socata TBM 850 Piper Meridian	Cirrus Vision Diamond Jet HondaJet						
Price (2011 Economics)	\$2.695MM	\$3.198MM	\$3.91MM	\$3.77MM	\$3.29MM	\$2.0715MM	\$1.72MM?	\$1.99MM	\$4.5MM
Year Available	2013	Now	Now	Now	Now	Now	2014?	2013?	2013?
Max Cruise Speed	375 kt	340 kt	390 kt	272 kt	320 kt	257 kt	300 kt	315 kt	420 kt
NBAA IFR Range w/ 4 Occupants	1,125 nm	1,050 nm	1,048 nm	1,005 nm	1,150 nm	579 nm	800 nm	856 nm	1,180 nm
Max Altitude / Ceiling	41,000 ft	41,000 ft	41,000 ft	30,000 ft	31,000 ft	30,000 ft	25,000 ft	25,000 ft	43,000 ft
Cruise Fuel Flow	48-59	75-91	78-127	50-91	38-65	20-36	N/A	40-80	N/A
Available Payload w/ Max Fuel	636	590	580	737	624	318	N/A	500	644
Takeoff Distance	2,433 ft	3,110 ft	3,400 ft	2,552 ft	2,035 ft	1,650 ft	N/A	2,372 ft	3,120 ft
Landing Distance	2,790ft	2,390 ft	3,000 ft	2,363 ft	1,840 ft	1,020 ft	N/A	N/A	2,500 ft
Time to Climb to 37,000 ft	25 min	20 min	23 min	Unable	Unable	Unable	Unable	Unable	N/A
All Engine Rate of Climb*	3,424 fpm	3,010 fpm	3,033 fpm	1,470 fpm	1,550 fpm	1,540 fpm	3,000 fpm	1,666 fpm	3,990 fpm
One Engine Inop. Rate of Climb	989 fpm	870 fpm	844 fpm	474 fpm	Emergency Landing	Emergency Landing	Emergency Landing	Emergency Landing	N/A
One Engine Inop. Service Ceiling	35,000 ft	26,900 ft	26,860 ft	19,170 ft	Emergency Landing	Emergency Landing	Emergency Landing	Emergency Landing	N/A
Flight Time	1 + 48	1 + 56	1 + 50	2 + 22	1 + 59	2 + 32	N/A	N/A	N/A
Fuel Used	885 lbs	1,133 lbs	1,213 lbs	1,315 lbs	900 lbs	661 lbs	N/A	N/A	N/A
Mission Fuel Cost **	\$798	\$1,021	\$1,094	\$1,218	\$811	\$596	N/A	N/A	N/A
Specific Range ***	0.678	0.530	0.495	0.444	0.667	0.908	N/A	N/A	N/A
Flight Time	3 + 15	3 + 19	3 + 04	3 + 56	3 + 15	4 + 34	N/A	N/A	N/A
Fuel Used	1,140 lbs	1,717 lbs	1,870 lbs	1,996 lbs	1,430 lbs	920 lbs	N/A	N/A	N/A
Mission Fuel Cost **	\$1,028	\$1,548	\$1,686	\$1,799	\$1,289	\$829	N/A	N/A	N/A
Specific Range ***	0.877	0.582	0.535	0.501	0.699	1.087	N/A	N/A	N/A

INFORMATION NOT CERTIFIED BY THE FAA

COST

PERFORMANCE

600 NM MISSION

1,000 NM MISSION

* At Sea Level

** Fuel Cost at \$6.04 per gallon

*** Distance Flown / Total Fuel Burn = Nautical Miles / Pounds of Fuel