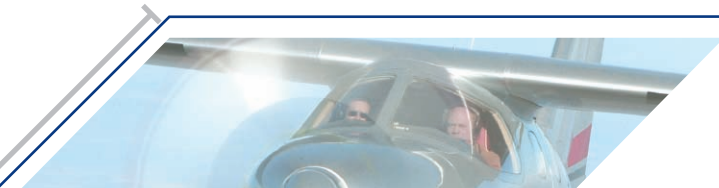
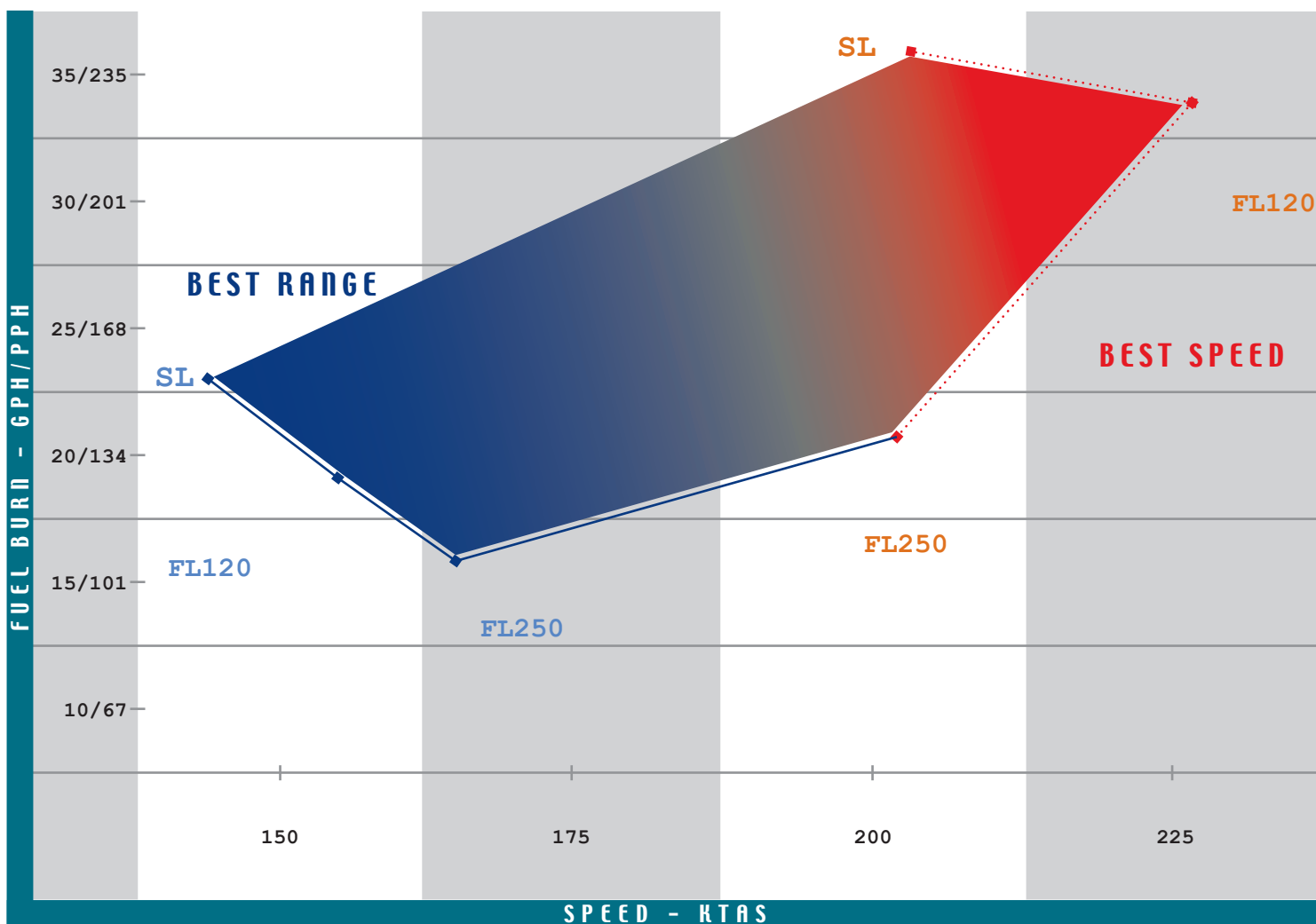


# Extra Aircraft EA-500 SPEED VS. FUEL BURN



PRESSURE ALTITUDE	BEST RANGE			BEST SPEED		
	KTAS	Fuel Burn - GPH/PPH	NM Per Gallon	KTAS	Fuel Burn - GPH/PPH	NM Per Gallon
Sea Level	145	23/155	6.3	205	36/242	5.6
FL120	158	19/129	8.3	226	34/227	6.6
FL250	165	16/105	10.3	204	21/140	9.8



\* All data for ISA conditions and mid-weight.



1653 Lititz Pike, #504 Lancaster, PA 17601-6507  
tel: 717-394-9797 fax: 717-394-5106

www.ExtraAircraft.com

# Extra Aircraft EA-500 PERFORMANCE AND MISSION PROFILE

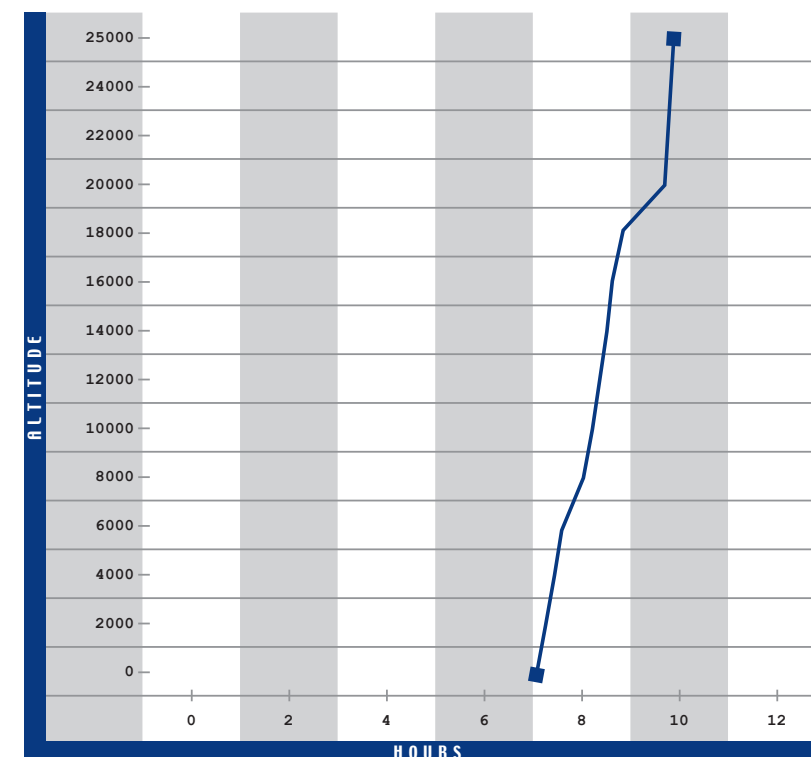


The Extra 500 defines high-performance flying. By combining the fuel-efficient Rolls-Royce Model 250 B17/F2 engine with an ultra-modern carbon-fiber airframe, Extra Aircraft has designed an aerodynamic aircraft capable of extraordinary speed, range and endurance. With a Service Ceiling of 25,000 feet, range of 1,600 nm, and useful loads over 1,600 pounds, the EA-500 offers block times comparable to faster and more expensive aircraft, resulting in time advantages.

The Extra 500 burns one-third less fuel and operates at one-third less cost than its most capable competitor aircraft. The aircraft also has the flexibility to cruise at lower altitudes without the excessive fuel consumption penalties experienced by other cabin class aircraft. These superior performance characteristics - speed, range, flexibility and efficiency - come together to create an aircraft that operates with precision and responsiveness.

### ◆ Performance (All distance and endurance numbers do not include available 45 min. fuel reserve.)

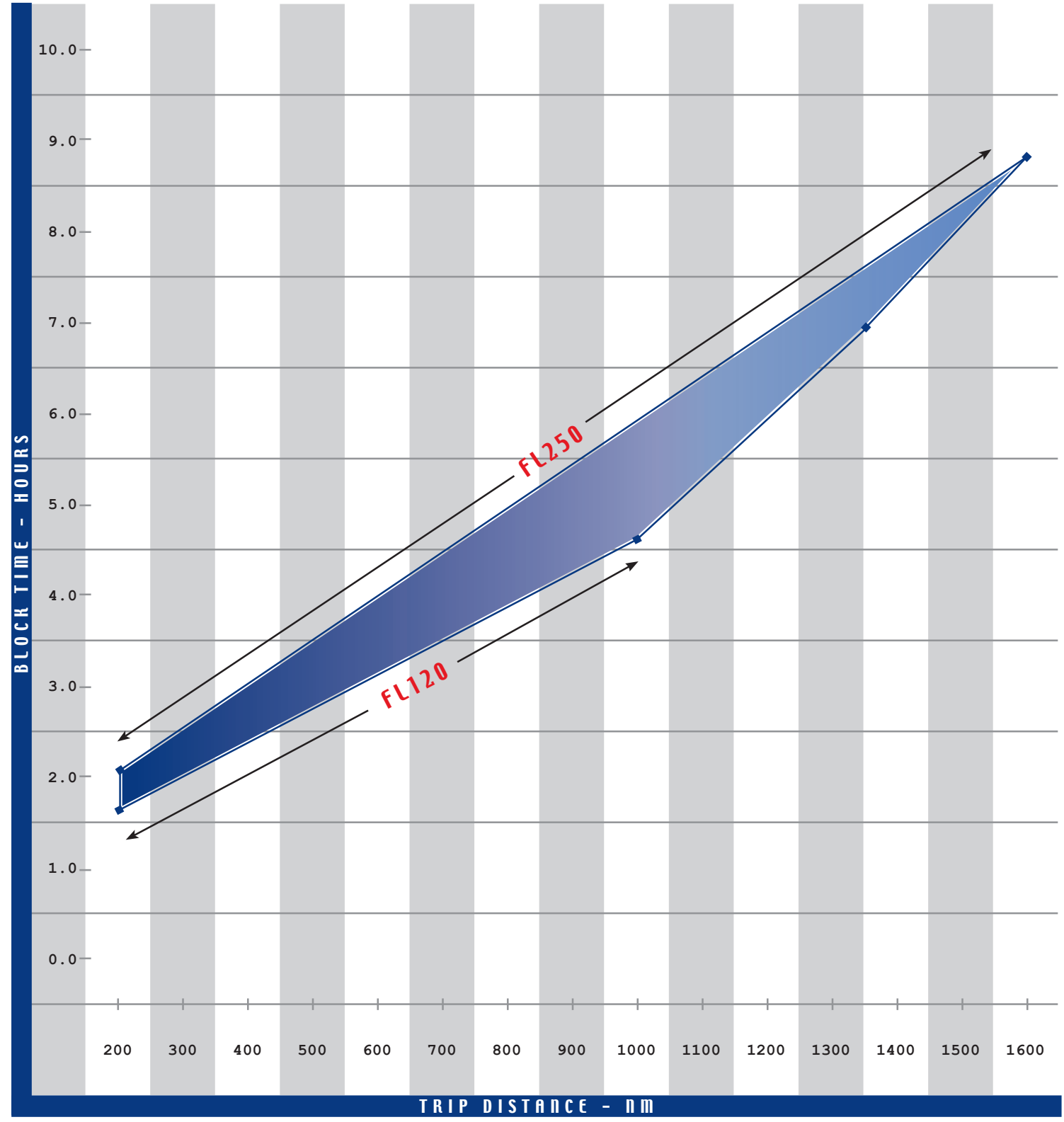
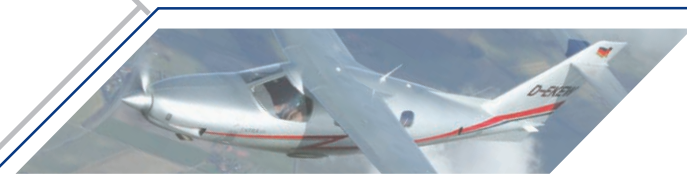
- Useful Load..... 1,610 lbs/ 730 kg
- Range (plus reserve)..... 1,600 nm
- Rate of Climb (@ MTOW-ISA)..... 1,335 fpm
- Mid-weight Cruise Speed/Endurance @ 90% Power, Best Power.. 226 KTAS/ 4.2 hr  
..... 12,000 ft
- ..... 227 pph/ 34 gph/ 127 Lph
- @ 40% Power, Best Economy..... 173 KTAS/ 9.6 hr
- ..... 25,000 ft
- ..... 105 pph/ 16 gph/ 59 Lph
- Take-off Distance, Ground Roll (@ MTOW-ISA S.L.)..... 1,250 ft/ 381 m
- Take-off Distance Over 50 ft Obstacle (@ MTOW-ISA S.L.).... 2,050 ft/ 625 m
- Landing Distance Over 50 ft Obstacle (@ MTOW-ISA S.L.).... 2,050 ft/ 625 m
- Landing Distance, Ground Roll (@ MTOW-ISA S.L.)..... 919 ft/ 280 m
- Service Ceiling..... 25,000 ft
- Cabin Altitude @ FL250..... 8,000 ft
- Demonstrated Crosswind Component..... 20 KTAS



## Extra Aircraft EA-500 ENDURANCE

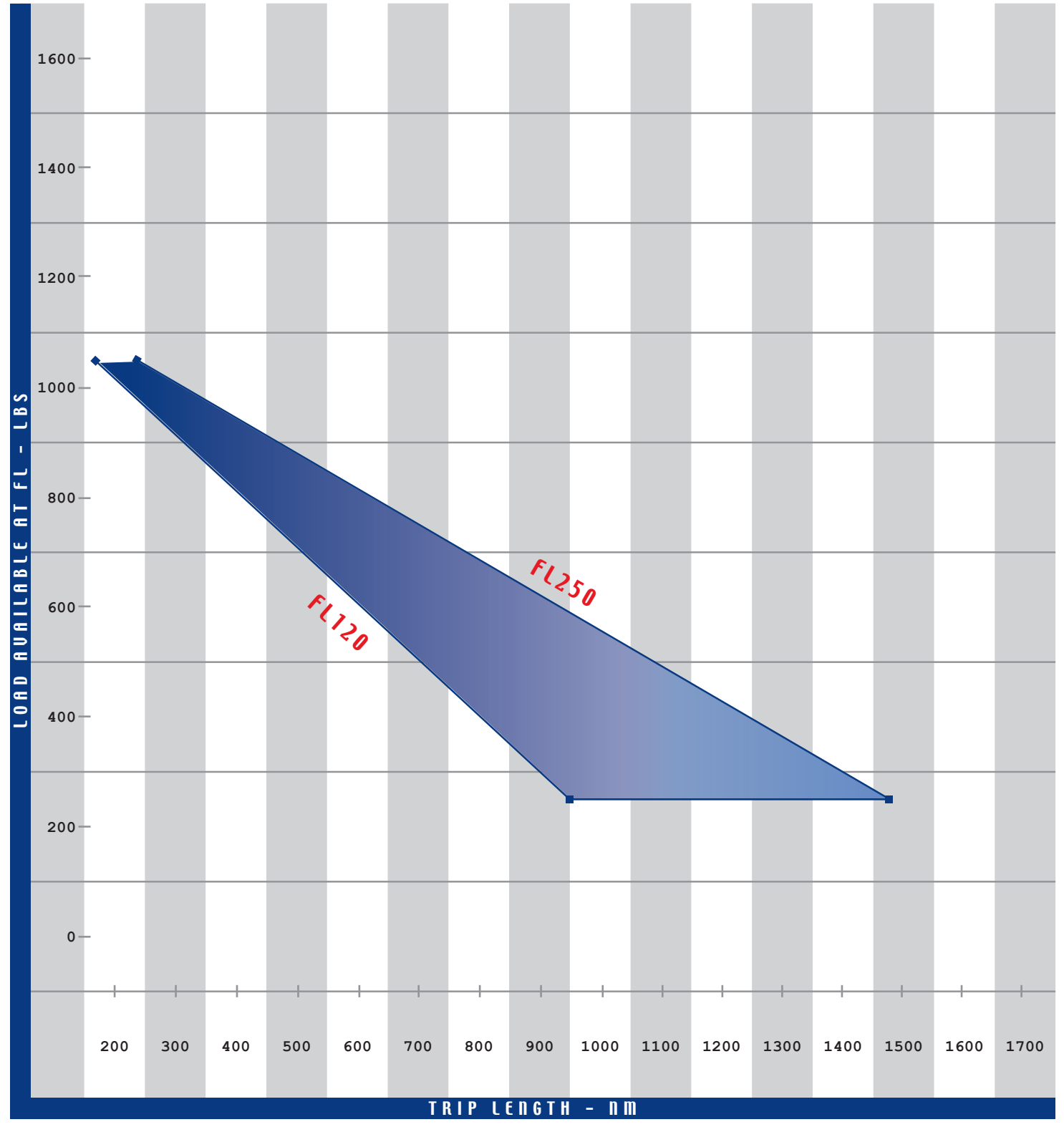


Extra Aircraft EA-500  
TRIP TIME AT BEST SPEED



\* Above performance data assumes landing with 45 minutes of fuel remaining.

Extra Aircraft EA-500  
AVAILABLE LOAD FOR A GIVEN TRIP LENGTH CALCULATED AT BEST SPEED



\* Above performance data assumes landing with 45 minutes of fuel remaining.