

ES

Efficiency and Speed. Elegance and Simplicity.

ROOM FOR FOUR

At Lancair, performance is the one measure we apply to all of our aircraft. And by *performance*, we simply mean how well a task is accomplished; not just how fast, but how efficient, how economical and how comfortable. When the task is to transport a family of four to a weekend getaway, you want the Lancair ES. This stunning four-place fixed gear aircraft boasts a high climb rate, impressive long endurance, cruise speed of 225 miles per hour and slow landing speeds. Plus—it's as easy to build as it is to fly. With top notch technical support and on-site builder assistance programs, you can dramatically cut the time to the first flight in your new Lancair ES.

Specifications

| | |
|--|----------|
| Length | 25 ft |
| Wingspan | 35.5 ft |
| Wing Area | 140 ft |
| Aspect Ratio | 9:1 |
| Empty Weight (ES) 1900 lbs (Super ES) 2000 lbs | |
| Gross Weight | 3200 lbs |
| Standard Fuel Capacity | 95 gal |
| Useful Load (ES) 1300 lbs (Super ES) 1200 lbs | |
| Baggage Capacity | 175 lbs |
| Trailing Width | 100 in |

Cabin Area

| | |
|------------------------|-------|
| Seats | 4 |
| Width (interior front) | 46 in |
| Width (interior rear) | 43 in |
| Height (interior) | 48 in |

Performance

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|---------------------------|----------------|
| Cruise (typ @ 8,000 ft) | 225 mph |
| Fuel Consumption (typ) | 13.5-15 gph |
| Range (w/res) | 1350 sm |
| Endurance (w/res) | 6 hrs |
| Rate of Climb @ sea level | |
| Solo | 2000 fpm |
| Gross | 1550 fpm |
| Take Off Roll @ sea level | 600 ft |
| Landing Roll | 800 ft |
| Stall Speed Vs0 | 65 mph |
| Wing Loading | 22.9 lbs/sq ft |
| Power Loading | 10.3 lbs/hp |
| G Loading (utility) | +4.4, -2.2 |

Continental IO-550-N
310 hp @ 2700 rpm, 6 cylinder, fuel injected
3-blade constant speed propeller



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