

# 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
Trailer Width	100 in

### Cabin Area

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

### Performance

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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