

# LEGACY

Heart of a Sport Plane. Soul of a Rocket.



## PERFECTION MEETS BLINDING SPEED

You climb at a rate of 2000 fpm to 10,000 feet, level off, then swallow up a 1100 mile route at 276 mph on a single tank of fuel. You want to pinch yourself. But you're not dreaming. No, you are flying, first class, in the sleek Lancair Legacy—a combination of speed, control, comfort and economy that translates into unparalleled performance and pure flying fun. There is also an extra measure of satisfaction that comes from having built this beauty yourself. With simple, straightforward instructions as well as builder assistance programs you can dramatically cut the time to that first flight in your new Legacy.

### Specifications

Length	22 ft
Wingspan	25.5 ft
Wing Area	82.5 ft
Aspect Ratio	7.95:1
Empty Weight	1500 lbs
Gross Weight	2200 lbs
Standard Fuel Capacity	65 gal
Useful Load	700 lbs
Baggage Capacity	90 lbs
Trailing Width	120 in

### Cabin Area

Seats	2
Length	63 in
Width	43.5 in
Height	44.5 in

### Performance

	Lycoming IO-540	Continental IO-550
Cruise (typ @ 8,000 ft)	260 mph	276 mph
Fuel Consumption (typ)	13.5-15 gph	13.5-15 gph
Range (w/res)	1100 sm	1150 sm
Endurance (w/res)	4 hrs	4 hrs
Rate of Climb @ sea level		
Solo	2700 fpm	2700 fpm
Gross	1950 fpm	2000 fpm
Take Off Roll @ sea level	850 ft	800 ft
Landing Roll	900 ft	900 ft
Stall Speed Vs0	65 mph	65 mph
Wing Loading	23 lbs/sq ft	23 lbs/sq ft
Power Loading	8.5 lbs/hp	7.1 lbs/hp
G Loading (utility)	+4.4, -2.2	+4.4, -2.2

#### Continental IO-550-N

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

#### Lycoming IO-540-V4A5

260 hp @ 2700 rpm, 6 cylinder, fuel injected  
2 blade constant speed propeller



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