

Legacy.

Heart of a Sport Plane.
Soul of a Rocket.



Fifteen years of development with input from the builders and flyers of its predecessor. Now, sweet perfection and blinding speed.

You climb at a rate of 2500 fpm to 10,000 feet, level off, then swallow up a 1100 mile route at 276 mph on a single tank of gas. You want to pinch yourself. But you are 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. And with simple, straightforward instructions as well as optional one-week to ten-week builder's 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 sq. ft
Aspect Ratio	7.95 : 1
Empty Weight	1500 lbs
Gross Weight.....	2200 lbs
Std. Fuel Capacity	65 gal
Useful Load	700 lbs
Baggage Capacity.....	90 lbs
Trailer 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 @ 8000 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	3000 fpm
Gross	1950 fpm	2200 fpm
Take Off Roll @ sea level	850 ft	800 ft
Landing Roll	900 ft	900 ft
Stall Speed VsO	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, 6-cylinder, fuel injected, 2-blade constant speed propeller.



PERFORMANCE FROM THE GROUND UP

Legacy FG.

Gear and Cost Stays Down.
Speed and Fun Stays Up.



Our fixed gear version of the wildly popular Legacy is the answer to budget-minded first-time builders. 200mph+ is easier and more affordable than ever.

When it comes to the Lancair Legacy FG, the enthusiasts have weighed in, and so too have the economists. Guess what? They are the same people. And for good reason. Just check the specs. This fixed gear beauty cruises at 210 mph, with a range of over 1300 miles on one tank of gas. Go with an optional turbo-normalized engine and expect to see those cruise speeds jump up to 260 mph at altitude! All of the components of high performance are here—speed, control, comfort and, best of all, economy, thanks to its elegantly simplified design and the cost efficiency of a kit. Lancair instructions are industry-renowned for their intelligence and simplicity. And our optional builder's assistance programs, ranging from one week to ten weeks, can dramatically cut the time to the first flight in your new fixed-gear Legacy FG.

Specifications

Length	22 ft
Wingspan	25.5 ft
Wing Area	82.5 sq. ft
Aspect Ratio	7.95:1
Empty Weight	1450 lbs
Gross Weight	2200 lbs
Std. Fuel Capacity	65 gal
Useful Load	750 lbs
Baggage Capacity	90 lbs
Trailer Width	120 in

Cabin Area

Seats	2
Width	43.5 in
Width (interior rear)	43 in
Height (interior)	44.5 in

Legacy Performance

	T10-360	10-360
Cruise (typ @ 8000 ft)	210 mph	210 mph
Cruise (typ @ 24,000 ft)	260 mph	n/a
Fuel Consumption (typ)	10 gph	10 gph
Range (w/res)	1550 sm	1450 sm
Endurance (w/res)	6 hrs	6 hrs
Rate of Climb @ sea level		
Solo	1600 fpm	1600 fpm
Gross	1000 fpm	1000 fpm
Take Off Roll @ sea level	1500 ft	1500 ft
Landing Roll	1900 ft	1900 ft
Stall Speed V _{SO}	65 mph	65 mph
Wing Loading	23 lbs/sq ft	23 lbs/sq ft
Power Loading	12.2 lbs/hp	11 lbs/hp
G loading (utility)	+4.4, -2.2	+4.4, -2.2

Superior T10-360-AA1B 180 H.P. @ 2700 rpm, 4-cylinder, turbo-normalized fuel injected, 2-blade constant speed propeller

Lycoming IO-360-A1B6 200 H.P. @ 2700 rpm, 4-cylinder, fuel injected, 2-blade constant speed propeller