

The Horizon 2

The Horizon 2 was designed with the larger pilot in mind, so the cockpit has ample room for a 6'6" person weighing 280 pounds. The tandem seating arrangement eliminates the cheek to cheek seating in most other two-place aircraft. The wing of the Horizon 2 features a modified GA (W)-2 airfoil combined with slotted flaps and ailerons, giving the plane more control and less drag at all airspeeds. The wing is a quick-folding wing allowing the HORIZON 2 to be stored in a small place.



Courtesy of Mr. Gutierrez

You were so pleased with the Horizon 1, we introduced the Horizon 2, but they are two totally different planes.

The Horizon 2 is only similar to the Horizon 1 in that they are both tandem, two place, high wing aircraft, but that's where the similarity ends. The Horizon 2 has a uniquely shaped fuselage, which gives it a cleaner, more efficient aerodynamic design accounting for the 20 mph increase in cruise speed over the Horizon 1. The aerodynamic design also allows an unusual 360 degree field of vision allowing the pilot a breathtaking view.

Specifications	
Wingspan	26'
Wing Area	113.6 sq. ft.
Wing Load @ Gross	9.3 lbs/sq. ft.
Wing Cord	54"
Height	70"
Length	19'8"
Seats	2/tandem dual controls
Fuel Capacity	13 gal.
Design Loads	+4 -2.5g
Engine	65-115 hps
Gross Weight	1,050 lbs
Empty Weight	570 lbs

Flight Performance	
Velocity-Never Exceed	120 mph
Top Level Speed	110 mph
Cruise Speed	95-100 mph
Stall Speed	35-38 mph
Climb Rate	800-900 fpm
Takeoff Run	250-500'
Landing Roll	250-350'

Engine Recommendation: Continental (65, 85, or 100 hp)