

Luscombe Silvaire Model R8F Renaissance



PERFORMANCE

Cruise Speed

	ALTITUDE	Speed, Knots	Speed, Miles
75% power	8,000	130	150
75% power	1,000	120	138
65% power	8,000	120	138
55% power	10,000	110	121

Stall Speed

No Flaps	41 knots/48 mph
Full Flaps	37 knots/43 mph

Rate of Climb

Sea Level	1500 fpm
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Take Off

400 ft

Landing

500 ft

Service Ceiling

21,000 ft

SPECIFICATIONS

Structure:	Aluminum Monocoque construction
Engine Make/Model:	Lycoming O-320
HP @ rpm @ altitude:	160 @ 2700 @ Sea Level
HP for Takeoff:	160
TBO hours:	2,000
Fuel Type:	100LL
Propeller type:	Sensenich FP
Landing Gear type:	Fixed/Conv.
Max. Ramp Weight:	1400 lbs.
GROSS Weight:	1400 lbs.*
Landing Weight:	1400 lbs.
Standard Empty Weight:	990 lbs.
Useful Load-std.	410 lbs.
Payload-full std. fuel:	230 lbs.
Fuel Capacity:	30 gallons
Oil Capacity:	8 quarts
Wingspan:	35 feet
Overall Length:	20 feet
Height:	7 feet
Wing Area:	140 sq. feet
Wing Loading:	9.3 lbs./sq. ft.
Power Loading:	10 lbs./hp
Baggage Area:	75 lbs.
Seating Capacity:	2
Cabin Doors:	2
Cabin Width:	40 inches
Cabin Height:	40 inches

*** - GROSS Weight increase to 1750 lbs. in progress**

Standard features for the R8F include: The 160hp Lycoming O-320 engine, a full electrical system with starter, ammeter, navigation and landing lights, 2 point strobe wingtip anti-collision light system, ELT, transponder, combination EGT & CHT gauge system, G-meter (recording accelerometer), Mode-C VFR avionics package, oil pressure & oil temperature gauges, recording tachometer, manifold pressure gauge, airspeed, magnetic compass, sensitive altimeter, Jack Norris NNB ergonomic leather seats, vinyl & fabric cabin upholstery, polished ALCLAD aluminum exterior with "N" number & decorative fuselage stripe in a choice of colors, dual stick controls, and dual hydraulic toe brakes.

Available Options include:

- Wheel pants
- Custom exterior paint
- Interior & Panel lights
- High efficiency thermal-acoustic cabin insulation
- Complete leather interior appointments
- Full GYRO package
- IFR Avionics package
- High Performance Package
 - Blue-printed
 - Flow balanced
 - Ported & polished
 - Ultra-balanced engine
- Custom wood instrument panel overlays with integral life-time instrument lighting

Pricing will be determined at time of production