

The canopy kit is supplied as a "ready-to-install" component. The windshield and the dual gull-wing doors are already fitted to the molded fiberglass assembly - the whole canopy assembly being ready to simply place on top of the fuselage assembly. In addition to supplying all the pre-formed and cut parts for the aircraft, positioning holes (rivet and bolt holes) have been pre-jigged and pilot drilled at the factory. All the builder has to do is line the parts together, and finish drilling and riveting the assembly together. Surprisingly, there is very little need for measuring and setting up, reducing the need for actual blueprints, making the project suitable for the true amateur builder.

Assembly of the kit is divided into many small modular projects, allowing the builder to focus on one small section at the time before moving on to the next. For instance, the wing is divided into numerous sub-sections. This modular sequential approach minimizes required workspace, and also allows builders to buy the kit sections as they progress through the project.

BASIC HAND TOOLS: Tape Measure, Electric Hand Drill, Hand Rivet Puller, Cleco Temporary Fasteners, Sheet Metal Snips, Hand Files, etc.



ZODIAC CH-640

Kit completo

Ref.: 83 - 678 - 2733

PVP	1,00 €
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ZODIAC CH640-Quick build kit

Kit completo

The manufacturing and aircraft assembly experience of Zenair Ltd. makes it logical for the company to offer quick-build kits for the CH 640 design, since it already assembles the CH 2000 / Alarus production aircraft at its facilities. The company is offering Quick-Build kits for the Zodiac CH 640 which drastically reduce kit building time and complexity, and is also planning to offer builder assistance programs at its Eastman, Georgia factory to help customers complete and fly their aircraft in record time. These kits are made and assembled at the Zenair factory using many of the same jigs and procedures for the Zenith CH 2000 / Alarus certified production aircraft.

Designer Chris Heintz' extensive light aircraft engineering experience has allowed the development of an aircraft that minimizes the actual number of parts in the aircraft (thus saving the builder cost and assembly labor) and Zenair's comprehensive aircraft manufacturing experience and capability allows us to do factory sub-assemblies and components for the basic kit parts. Our basic philosophy with the kit is to provide all the parts and components ready for assembly, so that they require only basic skills and tools to be put together. If an assembly requires a special jig or critical measurements, the assembly is pre-jigged or built at the factory or supplied with the jig with the kit. Critical and time-consuming assemblies, such as the control systems, are completed at the factory and supplied ready for final assembly.

Customers will find the ZODIAC CH 640 kit to be easy and enjoyable to build, even for novice first-timers, and it should take less time to put together than most two-seat kit aircraft on the market.

Ref.: 83 - 678 - 2734

PVP	1,00 €
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Avioneta z0679

Producto nº

679



The following performance and specification figures are based on the production prototype STOL CH 801 equipped with the Lycoming O-360-A engine (180 BHP: 400 lbs. with accessories and fixed-pitch Sensenich 76-EM8-0-54 metal propeller).

SPECIFICATIONS:STOL CH 801
LENGTH:24 Ft. 6 In., 7.5 m.
HEIGHT:10 Ft. 0 In.,3.0 m.
WING SPAN:31 Ft. 4 In.,9.55 m.
WING AREA:167 SQ.FT.,15.5 m.sq
WING CHORD:5 Ft. 3 In.,1.6 m.
HORIZONTAL TAIL SPAN:8 Ft. 4 In.,2.57 m.
HORIZONTAL TAIL AREA:25 SQ.FT.,2.7 m.sq..
EMPTY WEIGHT:1,150 LBS.,522 kg.
DESIGN GROSS WEIGHT:2,200 LBS.,1,000 kg.
USEFUL LOAD:1,050 LBS.,478 kg
FUEL CAPACITY (Standard)
- Fuel weight (Standard):30 Gal. (x 15)
= 176 LBS.,112 l. (2 x 56) = 80 kg.
FUEL CAPACITY (Extended Range Option)
- Fuel weight (Extended Range Option) 60 Gal. (4 x 15)
= 352 LBS.,224 l. (4 x 56) = 160 kg
DESIGN PAYLOAD
- Occupants + Baggage / Cargo:800 LBS. = 200 lbs X 4,360 kg. = 90 kg. X 4
WING LOADING:12.9 LBS/FT²,62.5 kg/m²
POWER LOADING:11.95 LBS/BHP, 5.44 kg/BHP
CABIN WIDTH:44 INCHES,112 cm
CABIN LENGTH:78 INCHES,198 cm.

DESIGN LIMITATIONS:

POWER:150 - 240 BHP.
MAX. INSTALLED POWERPLANT WEIGHT:440 lbs.200 kg.

MAX. TAKE-OFF WEIGHT
(MTOW):2,200 lbs.,998 kg.
DESIGN LOAD FACTOR (ultimate)
@ 2,200 lbs.+ 5.7, - 2.8
MAX. WING LOADING (@ 2,200
lbs.):13.2 PSF,64.4 kg/m²
MAX. FLAP EXTENDED SPEED:80
MPH,129 km/h
MAX. CRUISE SPEED - VC:120
MPH,193 km/h
NEVER EXCEED SPEED
(VNE):150 MPH,240 km/h
Large Views: Side | Front | Top
PERFORMANCE
Lycoming O-360, 180-hp,Typical
Load: 500 Lbs
1,650 Lbs.Gross Weight: 2,150
Lbs.
TAKE-OFF ROLL:290 Ft.,88
m.,390 Ft.,119 m.
MAX LEVEL SPEED:112 MPH,181
km/h,110 MPH,178 km/h
CRUISE SPEED
(75% power @ 7,000 Ft.),106
MPH,170 km/h,105 MPH,169 km/h
STALL SPEED (Flaps Down):35
MPH,56 km/h,39 MPH,64 km/h
STALL SPEED (Flaps Up):43
MPH,69 km/h,48 MPH,77 km/h
RATE OF CLIMB:1,200 FPM 6.1
m/s,720 FPM,3.7 m/s
SERVICE CEILING:16,000+
Ft.,4,875+ m.,14,000 Ft,4,267 m.
ENDURANCE (Standard):3.0
Hrs.,3.0 Hrs.
ENDURANCE (Extended Range
Option):6.0 Hrs.,6.0 Hrs.
RANGE (Standard):320 Miles,515
km.,315 Miles,507 km.
RANGE (Extended Range
Option):640 Miles,1,030 km.,630
Miles,1,015 km.



STOHL CH 801
Kit completo

Ref.: 83 - 679 - 2736

PVP	1,00 €
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Producto nº

680

The SUPER ZODIAC features tapered and shortened 'speed wings' to achieve a higher cruise speed. The wing span is reduced to 23 feet, and the wing area is lowered to 98 sq. feet, with the airfoil tapering to a 34 inch chord at the wing tip. The speed wings have full-length ailerons for very responsive controls. The SUPER ZODIAC has the same fuselage and tail sections as the CH 601 HD model; the only difference being the outboard wing panels. The outboard wings of the SUPER ZODIAC and the ZODIAC CH 601 HD can actually be interchanged.



Engine Limitations: 65 - 115 hp, up to 265 lbs. installed. Alternative engines will affect performance, specifications and flight characteristics of the aircraft. Also, the weight and balance of the aircraft may be adversely affected by alternative engines, and the original fuel system may not be adequate or suitable for some engines. Most alternative engines require a custom engine mount and engine cowl.

The sleek lines of the SUPER ZODIAC give the image of a high performance composite aircraft, while providing the durability and simplicity that only an all-metal aircraft can offer. The SUPER ZODIAC is one kit plane you won't easily outgrow!

NOTE: Specification and performance figures are based on standard factory prototype test results, with standard Rotax 912 powerplant, and are subject to change and revision without prior notice.

PERFORMANCE SINGLE

800 LB. DUAL
1,050 LB.
TOP SPEED (mph) 150 150
CRUISE (mph) 135 135
VNE (mph) 160 160
STALL SPEED (mph) 48 54
RATE OF CLIMB (FPM) 1,300 1,100
TAKE-OFF ROLL (ft.) 450 550
LANDING DISTANCE (ft.) 550 550
SERVICE CEILING (ft.) 12,000+
12,000+
RANGE (std., SM) 540 540
RANGE (with wing tanks, SM) 950
950
LOAD FACTOR (G) +/- 9 +/- 6.8

SPECIFICATIONS Super ZODIAC CH 601 HDS

WING SPAN 23 FT.
WING AREA 98 SQ.FT.
LENGTH 19 FT.
EMPTY WEIGHT 570 LB.
USEFUL LOAD 630 LB.
GROSS WEIGHT 1,200 LB.
WING LOADING 12.2 psf
POWER LOADING 15 LB./HP
DESIGN LOAD FACTOR +/- 6 "G"
CABIN WIDTH 44 INCHES
FUEL CAPACITY (std) 16 Gallons
(US)
- with Optional Wing Tanks 30
Gallons (US)



Super Zodiac CH 601HDS
Kit completo

Ref.: 83 - 680 - 2737

PVP 1,00 €





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Avioneta z0681

Producto nº

681

Popular since 1984, the ZODIAC CH 601 HD is the updated model of the original ZODIAC CH 600, which was designed by Chris Heintz as a low-cost primary trainer aircraft. New improvements to this model include a wider 44-inch cabin and a large rear baggage compartment. Standard equipment in the kit includes wing baggage lockers, hydraulic disk brakes, electric trim tab, tinted canopy, and much more. Designed to meet the requirements of the demanding sport pilot, the aircraft offer great performance and capabilities, and is easy-to-fly with pilot-friendly characteristics, including a low landing (stall) speed. The aircraft has excellent cross-country flying capability as well as short-field performance of well under a thousand feet.

Engine Limitations: 65 - 115 hp, up to 265 lbs. installed. Alternative engines will affect performance, specifications and flight characteristics of the aircraft. Also, the weight and balance of the aircraft may be adversely affected by alternative engines, and the original fuel system may not be adequate or suitable for some engines. Most alternative engines require a custom engine mount and engine cowl.

NOTE: Specification and performance figures are based on standard factory prototype test results, with standard Rotax 912 (80-hp) powerplant. Standard atmosphere, sea level, no wind. All technical data, specification and performance figures subject to change without notice.



PERFORMANCE:

SINGLE @ 800 LB. 362 kg. DUAL @ 1,050 LB. @ 476 kg.

TOP SPEED: 135 mph, 217 km/h

CRUISE: 120 mph, 193 km/h

VNE: 150 mph, 240 km/h

STALL SPEED: 40 mph, 64 km/h

RATE OF CLIMB: 1,400 fpm, 7.1 m/s

TAKE-OFF ROLL: 360 ft, 110 m

LANDING DISTANCE: 450 ft, 137 m

SERVICE CEILING: 12,000+ ft, 3,600+ m

RANGE (std.): 480 s.m., 772 km

RANGE (with wing tanks): 800 s.m., 1285 km

LOAD FACTOR (ultimate): +/- 6.8 G, +/- 6.8 G, +/- 6.8 G

SPECIFICATIONS ZODIAC CH 601 HD:

WING SPAN: 27 FT., 8.2 m.

WING AREA: 130 SQ.FT. 12 m.sq.

WING AIRFOIL: NACA 65018 mod.

WING CHORD: 4' 1", 124.5 cm.

WING ASPECT RATIO: 5.58

HORIZ. TAIL SPAN: 7' 6", 228 cm.

RUDDER TIP HEIGHT (tri): 6' 10", 208 cm.

CABIN TOP HEIGHT: 5' 6", 168 cm.

LENGTH: 19 FT. 580 cm.

EMPTY WEIGHT: 570 LB., 257 kg.

USEFUL LOAD: 630 LB. 285 kg.

GROSS WEIGHT: 1,200 LB. 544 kg

WING LOADING: 9.2 psf 45 kg/m.sq.

POWER LOADING: 15 LB./HP, 6.8 kg./HP

DESIGN LOAD FACTOR: +/- 6 "G", +/- 6 "G"

CABIN WIDTH: 44 INCHES, 112 cm

**FUEL CAPACITY (std):16 Gallons
(US) ,60.5 l.
- with Optional Wing Tanks :30
Gallons (US),113 l.**



**Zodiac CH 601 HD
Kit completo**

Ref.: **83 - 681 - 2738**

PVP	1,00 €
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Avioneta z0682

Producto nº

682

A lightened version of the ZODIAC CH 601 HD, the basic CH 601 model was developed specifically for the Advanced Ultralight (AULA) category in Canada and other European countries, where the CH 601 can be used as a trainer and personal aircraft. An Advanced Ultralight category is really more than an ultralight - it would better be described as a primary aircraft category.

With a reduced gross weight, this model's specifications are very similar to those of the CH 601 HD model. With a lighter gross weight (useful load), a lower empty weight is achieved using lighter materials in selected areas.

Registered as an advanced ultralight, the basic CH 601 makes an ideal low-cost trainer and personal aircraft. As a certified design, factory pre-assembled aircraft is available direct from the manufacturer.

Engine Limitations: 65 - 100 hp, up to 225 lbs. installed. Alternative engines will affect performance, specifications and flight characteristics of the aircraft. Also, the weight and balance of the aircraft may be adversely affected by alternative engines, and the original fuel system may not be adequate or suitable for some engines. Most alternative engines require a custom engine mount and engine cowl. Zenith Aircraft Company does not manufacture or directly support engines.

NOTE: Specification and performance figures are based on standard factory prototype test results, with standard Rotax 912 powerplant, and are subject to change and revision without prior notice.



**PERFORMANCE: SINGLE 800 LB.
DUAL 1,050 LB.
TOP SPEED (mph):135 135
CRUISE (mph): 120 120
VNE (mph): 150 150
STALL SPEED (mph):39 44
RATE OF CLIMB (FPM):1,400
1,200
TAKE-OFF ROLL (ft.):360 430
LANDING DISTANCE (ft.):450 550
SERVICE CEILING (ft.):12,000+
12,000+
RANGE (std., SM): 480 480
RANGE (with wing tanks, SM):820
820
LOAD FACTOR (G):+/- 7.9 +/- 6.0**

**SPECIFICATIONS ZODIAC CH 601
(UL):
WING SPAN: 27 FT.
WING AREA: 130 SQ.FT.
LENGTH: 19 FT.
EMPTY WEIGHT:550 LB.
USEFUL LOAD:508 LB.
GROSS WEIGHT:1,058 LB.
WING LOADING:8.0 psf
POWER LOADING:13.2 LB./HP
DESIGN LOAD FACTOR:+/- 6 "G"
CABIN WIDTH:44 INCHES
FUEL CAPACITY (std):16 Gallons
(US)
- with Optional Wing Tanks: 30
Gallons (US)**



Zodiac CH 601UL
Kit incompleto



Ref.: 83 - 682 - 2739

PVP	1,00 €
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683

SPORT PILOT READY*:

The ZODIAC XL kit aircraft meets the definition of a Light-Sport Aircraft as defined the NPRM "Certification of Aircraft and Airmen for the Operation of Light Sport Aircraft. " As the new category is still in the proposal (NPRM) stage, the design is currently available only in kit form for registration in the "Experimental - amateur-built" category. A Sport Pilot may fly any aircraft that meets the definition of a Light Sport Aircraft, and such aircraft does not need to change its certification category be operated by a Sport Pilot.

The following figures are based on prototype test results of the ZODIAC XL with the Rotax 912S (100-hp) and the Jabiru 3300 (110-hp) engines. These figures are for the proposed "Sport Pilot / Light-Sport Aircraft" category, with a gross weight of 1,232 lbs. As the following figures show, the ZODIAC XL has been optimized for this new category. Figures are based on initial flight test data. Demo flights in the aircraft can be arranged by appointment to verify performance figures.

NOTE: Specification and performance figures are based on standard factory prototype test results, and are subject to change and revision without prior notice



SPECIFICATIONS:FAA proposed 'Light-Sport Aircraft' Limitations ZODIAC XL

Rotax 912S (100-hp) ZODIAC XL:
Jabiru 3300 (110-hp @ 3000 rpm):

WING SPAN: 27 FT. 27 FT.

LENGTH: 20 FT. 20 FT.

WING AREA: 132 SQ.FT. 132 SQ.FT.

HORIZONTAL TAIL SPAN: 7 FT. 7 IN. 7 FT. 7 IN.

RUDDER TIP HEIGHT (tri-gear): 6 FT. 6 IN. 6 FT. 6 IN.

EMPTY WEIGHT: 690 LBS. 695 LBS.

USEFUL LOAD: 542 LBS. 537 LBS.
MAX. GROSS WEIGHT:1,232 LBS. 1,232 LBS.

WING LOADING: 9.33 psf 9.33 psf
POWER LOADING:12.3 LBS./HP 11.2 LBS./HP

DESIGN LOAD FACTOR "G": +/- 6.4 ultimate +/- 6.4 ultimate
CABIN WIDTH:44 INCHES 44 INCHES

FUEL CAPACITY (wing tanks): 2 x 12 Gallons = 24 Gallons 2 x 12 Gallons = 24 Gallons

PERFORMANCE:FAA proposed 'Sport Plane' Limitations ZODIAC

XL Rotax 912S @ 1,232lbs:

ZODIAC XL Jabiru 3300 @ 1,232 lbs:

MAX. NORMAL CRUISE SPEED (VH) 115 kts. / 132 :mph132 mph 132 mph

CRUISE (75%): 128 mph 130 mph
VNE:180 mph 180 mph

STALL SPEED - no flaps45 kts. / 52 mph 51 mph 51 mph

STALL SPEED - flaps down:39 kts. / 45 mph 43 mph 43 mph

RATE OF CLIMB:980 fpm 1245 fpm

TAKE-OFF ROLL: 490 feet 465 feet
LANDING DISTANCE:500 feet 500 feet

RANGE (standard, no reserve,

s.m.):650 miles 662 miles
ENDURANCE (standard, no
reserve):4.9 hours 4.8 hours



Zodiac CH 601XL

Kit incompleto

Ref.: **83 - 683 - 2740**

PVP	1,00 €
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Proven Lycoming O-235 Power

Accesorio Montado

Over the past 65 years, Lycoming has produced more than 260,000 piston aircraft engines. With a reputation for performance and reliability, Lycoming piston engines power more than 85% of the new general aviation aircraft produced worldwide.

Whether you buy a factory-new, remanufactured or overhauled engine, Lycoming engines provide a history of performance and reliability, with worldwide parts and warranty support from Textron Lycoming.

The four cylinder, direct-drive, air-cooled engine offers a 2,400 hour TBO.

The four cylinder, direct-drive, air-cooled engine offers a 2,400 hour TBO.

Model Compression HPRPMHeight

(in.) Width

(in.) Length

(in.) DryWt.

(lbs.)

O-235-N2C 8.10:1 116 2800 22.4 32.0 29.1 218

Ref.: **83 - 683 - 2742**

PVP	1,00 €
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Zodiac XL Habiru3300

Accesorio Montado

ENGINE DETAILS: JABIRU 3300

Four Stroke

Predicted Performance Points

120 hp @ 3300 rpm
110 hp @ 3000 rpm
100 hp @ 2750 rpm
93 hp @ 2551 rpm
90 hp @ 2475 rpm
80 hp @ 2200 rpm

Ref.: 83 - 683 - 2741

PVP 1,00 €



6 Cylinder Horizontally Opposed

Weight: 180 lbs. (81 kg.) incl. Exhaust, Carburetor, Starter Motor, Alternator & Ignition System & Accessory pack

Machined Aluminum Alloy Crankcase

Overhead Valves (OHV) - Push Rod Operated

Wet Sump Lubrication

Direct Propeller Drive (no reduction unit)

Dual Transistorized Magneto Ignition

Alternator - 20 Amp

Electric Starter

Mechanical Fuel Pump

Naturally Aspirated - One Pressure Compensating Carburetor

Specifications: Jabiru 3300

Displacement: □ 3300 cc. (200 cu.in.)

Bore: □ 97.5 mm.

Stroke: □ 74 mm.

Compression: □ 8.3 : 1

Prop Rotation: □ Clockwise

Firing Order: □ 1 - 4 - 5 - 2 - 3 - 6

Power Rating: □ 100 hp @ 2750 rpm (see above)

Fuel Consumption @ 75%: □ 5.0 US Gal/Hour (gph)

Fuel: □ 100/130 Avgas or 92+ octane Mogas

Oil: □ Aeroshell W100 (or equivalent)

Oil Capacity: □ 3.5 qts. (3.75 l.)

Spark: □ NGK D9EA (common automotive)

The case & internal parts are machined from solid steel bar or aluminum billet. Oil sump is only cast part.

Ignition: Dual separate magnetos with redundant distributors & plugs. No points! No battery power required for operation. Spark plugs are NGK and commonly available.

Engine TBO: The engine has a published TBO of 2,000 hours.

Warranty: One year from delivery. Delayed warranty start available on request .

All engines include: Starter, Exhaust System, Alternator, Regulator, Starter Solenoid, Cooling Ducts, Prop Guides, Oil Cooler Kit, Engine mount Bushings and mounting hardware.



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Avioneta z0684

Producto nº

684

The ZODIAC XL is a completely new model of the ZODIAC kit aircraft series, optimized for the proposed Sport Pilot category. The ZODIAC XL features a completely new wing design, landing gear and fuselage. The tail sections are the only component common with all ZODIAC models.

The ZODIAC XL design is the product of extensive research and development, and the result of professional engineering by Chris Heintz, a leading designer of light aircraft. The modern design makes use of advanced technologies, while using professional design concepts and simple systems for easy assembly and maintenance. A professional design, the ZODIAC structure has undergone a complete and rigorous flight test and design stress analysis. Developed for the first-time builder and demanding recreational pilot, the ZODIAC aircraft is designed to be easy to build and to maximize flight performance and efficiency.

Simple systems, modern materials, and design ingenuity minimize required maintenance, and make the ZODIAC simple to build and fly, affordable, and very durable. . . an aircraft you'll be proud to own and fly for many years.

While the ZODIAC XL design is new, the simple construction techniques that have made the ZODIAC famous have remained the same. In fact, many design features of the new ZODIAC XL make it the quickest and easiest ZODIAC model to build.

The handling characteristics of the ZODIAC XL are very good and quite similar to previous ZODIAC models, with just slightly higher roll control forces (this was predictably the result of a larger chord aileron). The XL's new airfoil section is thinner than previous ZODIAC models, and was chosen for reduced drag (higher top end speed). Wing flaps were added to minimize stall speed with the new lower-drag airfoil. Following flight testing of the prototype ZODIAC XL by designer Chris Heintz, aircraft stability within the useful center of gravity (CG) range was found to be very satisfactory, and incipient spin tests did not show any tendencies toward a flat spin. Spin recovery is conventional and fast.

Throughout construction of the ZODIAC XL kit aircraft is 'modular' each section of the aircraft is built separately on the workbench. Many builders thus choose to buy 'component kits,' purchasing kit sections as they progress through the project. The modular construction of the kit means that required workshop space is minimal most builders construct the kit in a single-car garage or basement workshop.

Once all the airframe sections have been assembled, the wing and tail sections are bolted to the fuselage and the landing gear, controls, and fuel systems are installed. The wings are designed for easy removal for occasional trailering of the aircraft.



Zodiac XL
Kit completo

Ref.: 83 - 684 - 2744

PVP	1,00 €
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Avioneta z0686

Producto nº

686

Premolded Airframe Composite Parts
Wing - Top/Bottom, Left/Right Skins
Flaps - Top/Bottom, Left/Right
Ailerons - Top/Bottom, Left/Right
Horizontal Stabilizer - Top/Bottom Skins
Elevator - Top/Bottom, Left/Right Skins
Fuselage - Top/Bottom
Forward/Aft Spar Shear Panels
Wing Tips/Wing Tip Mounts
Fuel Vents
Vertical Stabilizer - Left/Right Skins
NACA Scoop
Rudder - Left/Right Skins
Wing Fillets/Fairings
Instrument Panel w/Aluminum Inserts
Dust Cover
Cabin Door, Stiffener and Frame
Prepreg Panels
Baggage Access Door
Rear Inspection Cover
Overhead Air Console
Cowl, Top/Bottom
Nose & Main Wheel Pants
Landing Gear Systems
Main Gear Axles and Mounts
Main Gear Legs, Weldments, Back-up Plates
Nose Gear Strut, Bearing Blocks & Drag Links

Rudder Control Steering/Braking Systems
Cleveland Wheels and Brakes
Tires & Tubes
Master and Slave Brake Cylinders
Rudder Bar and Pedal System
Rudder Lead Weight
Brake Lines and Fittings
Aileron/Elevator/Control Stick Systems
Control Horns & Bellcranks
Pushrods, Torque Tubes, Rod Ends & Bearings
Control Stick Dual Assembly
Aileron/Elevator Trim Tab System
Aileron/Elevator Lead Weights
Flap Control System
Flap Control Horns and Bellcranks
Flap Pushrods, Rod Ends, Bearings
Flap Switch
Flap Motor Assembly
Flight Trim Systems
Electric Trim Actuators (2)
Electric Trim Controls & Enunciators
Fuel System
Fuel Selector Valve
Fuel Drains
Fuel Lines and Fittings
Fuel Slosh Doors & Strainers
Fuel Tank Fittings & Return Assembly

Fuel Caps
Pitot/Static System



Model: Lancair ES Lancair Super ES
**ENGINE: Continental IO-360-ES
Continental IO-550-G**
**HORSEPOWER: 210 h.p. @ 2800 rpm
300 h.p. @ 2700 rpm**
**PROPELLER: 2 blade, constant speed
3 blade, constant speed**
LENGTH: 25ft 25 ft
HEIGHT 8 ft 8 ft
WINGSPAN 35.5 ft 35.5 ft
WING AREA 140 sq ft 140 sq ft
**WING LOADING: 20.7 lbs/sq ft
21.4 lbs/sq ft**
ASPECT RATIO: 8.4:1 8.4:1
POWER LOADING 15 lbs/hp 10.7 lbs/hp
**G LOADING (Utility) +4.4, -2.3
+4.4, -2.3**
EMPTY WEIGHT 1900 lbs 2000 lbs
**GROSS WEIGHT (Normal Cat.)
3200 lbs 3200 lbs**
**GROSS WEIGHT (Utility Cat.)
3000 lbs 3000 lbs**
**FUEL CAPACITY 75 gallons (std.)
75 gallons (std.)**
USEFUL LOAD 1300 lbs 1200 lbs
**BAGGAGE CAPACITY 175 lbs
(maximum) 175 lbs (maximum)**
**CABIN WIDTH 46 in. front/43 in.
rear 46 in. front/43 in. rear**
CABIN HEIGHT 48 in 48 in
CABIN LENGTH 126 in 126 in
**SEATS 4 conventional 4
conventional**
**CRUISE TYPICAL 192-200 mph
220-225 mph**
**STALL SPEED (Dirty) 57 mph 57
mph**
**SERVICE CEILING 18,000 ft
18,000 ft**
TAKEOFF DISTANCE 600 ft 600 ft
LANDING DISTANCE 800 ft 800 ft
**CROSS WIND LANDING
Component 21 mph Component
21 mph**
FUEL CONSUMPTION @ 75% 8.5-

Heated Pitot Tube
Static Port, Lines and Fittings
Cabin Systems
Cabin Door Latch System w/Lock
Cabin Door Inflatable & Extrusion Seal
Baggage Door Latch System w/Lock
Front Seat Frames, Pans, Tracks
Seat Belts/Shoulder Harnesses
Windshield & Windows
Standard Airframe Hardware
Screws, Fittings, Washers, Nuts, Bolts,
Rivets, Nutplates, Cotter Pins, Rod
Ends, Rod End Bearings, Spacers,
Clamp, Bushings, Installation Hardware
Assembly Supplies
Construction Manual and Blueprints
Graphite Cloth/Fiberglass Cloth
Flox/Micro Balloons
Mixing Cups and Mixing Sticks
Stippling Brushes
Insta-Cure and Insta-Set
Epoxy Resin and Hardener
Structural Adhesive
Latex Neoprene Gloves & Liners
Flight Degreaser

9.5 gph @ 75% 13 gph
MAXIMUM RANGE 1450 sm (no
reserve) 1280 sm (no reserve)
RATE OF CLIMB 1250 fpm 1550
fpm

popo
Montado

Ref.: 83 - 686 - 2787

PVP	40,93 €
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Airframe Components and Systems
ES/SUPER ES
Kit completo

Ref.: 83 - 686 - 2748

PVP	1,00 €
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