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- **The low wing "*LoCamp*™";**
- **The parasol wing "*HiCamp*™";**
- **The biplane "*BiCamp*™";**

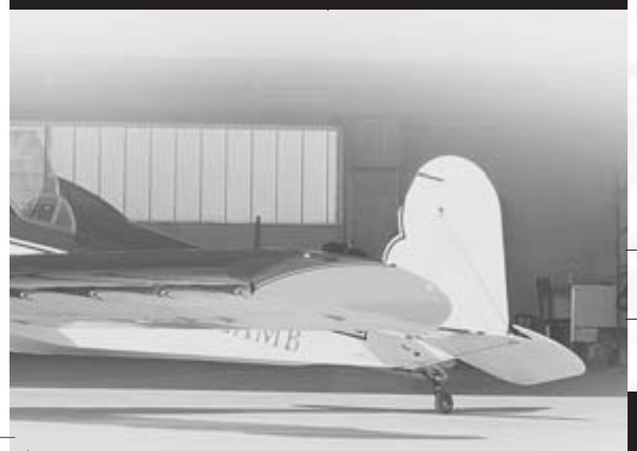
Our aircraft may look romantic, but under the skin they are modern state of the art machines.

All parts are **CAD** designed and produced by CNC/laser cutting equipment to exacting tolerances and perfect finish.

The LoCamp and HiCamp models are readily available as standard 49% kit; The Sport Pilot version is under certification and production positions are available for reservation.

The looks, the quality and the value together for your ultimate flying pleasure.

OLD-FASHIONED AIRCRAFT



Kit Description:

The kit comes complete from firewall to tail;
- Fuselage, Tail, Landing Gear: steel structure completely finished and TIG welded; no additional welding necessary;
- Spar caps completely riveted ready for assembly;
- Pre drilled aluminum Wing Ribs;
- 6.00x6 wheels and hydraulic brakes;
- Covering material (Dacron) and finishing tapes;
- Steel Firewall;
- Aluminum Fuel Tanks with fuel level indicator;
- Pre-cut steel/aluminum tangs, brackets;
- Machined parts ready for assembly;
- Polycarbonate Windscreen;
- Ready to install hand made Italian leather finishing;
- Fiberglass Head Rest;
- Complete AN hardware;
- Electric flap/trim actuator;
- 2 Seats with 4 point Harness; **$: 19.950**

Firewall Fwd. Kit: (less Engine):
- Engine Mount, TIG welded
- Cowling;
- Wooden Propeller;
- Complete Fuel System, including Gascolator and electric Fuel Pump;
- Oil System;
- Oil Tank;
- Complete Hardware kit;

Firewall Fwd. Kit for Rotec R2800 Engine **$: 7.500**
Firewall Fwd. Kit for Mikron IIIC Engine **$: 7.125**

Engine:
- Rotec R2800: **$: 14.250**
- Rotec R2800 Exhaust Collector Ring **$: 2.000**
- Parmatechnik Mikron IIIC: **$: 15.600**

Options:
- Full epoxy coating to steel structures; **$: 1.500**
- Wheel Fairing; **$: 225**
- Classic style Engine Instruments Set (5 Pcs): **$: 1.350**
- Passenger seat Instrument panel with electronic Tachometer: **$: 235**
- Passenger Brake sys. **$: 175**

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Aerolab

LoCamp
SPORT CAMPER

ONLY FOR LOVERS OF OLD - FASHIONED AIRCRAFT

Aerolab

was born in 2001, just after the first rumours about the new Sport Pilot Rule.

The firm was founded by **Francesco Rizzi**, Airbus Captain for Alitalia and EAA member since 1989.

The enterprise is supported by a group of financial partners. Our mission is to produce charming flying machines with a soul as standard equipment.

With the Sport Camper™ family of aircraft you may choose between three different aerodynamic layouts:

ONLY FOR LOVERS OF

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LoCamp
SPORT CAMPER

GENERAL DESCRIPTION AND DATA TYPE
Two seat, low wing, single engine in tractor configuration.

DESIGN FEATURES
The untwisted, cantilever main wing features a rectangular planform with rounded tips, 3°dihedral from fuselage centerline and classical NACA4416 wing section at full span. The empennage features flat horizontal and vertical tail surfaces.

FLIGHT CONTROLS
Push-pull rods for ailerons and elevator, 3/32" steel cables for rudder control. The aircraft is trimmed by the electrically actuated stabilizer. The wing flaps are electrically actuated as well.

STRUCTURE
The wing structure features a classical twin aluminum spar; the spars, the molded wing ribs and flap/aileron components are made from sheets of Al 6082-T6 or 6061-T6. All aluminum parts are CNC machined and protected by Alodine; a further layer of wash primer is applied where the fabric is glued to the structure. LH and RH wings are mated to the fuselage through a center spar; the mating is achieved through conical pins. All the wing, flaps and ailerons are covered by fabric, riveted to the ribs. The fuselage structure features a TIG welded chromium molybdenum steel truss with integral wing fittings, vertical stabilizer, plywood frames and fabric covering. All the steel tubes are internally protected by a MIL-SPEC anti-corrosion treatment that leaves a waxy protective layer over the surface.

LANDING GEAR
Tail-wheel tricycle type; fixed main gear on steel struts with rubber shock absorber, hydraulic disk brakes and 6.00x6 wheels. The swiveling tail-wheel is connected to the rudder; it can be disconnected on the ground by removing a quick connect pin.

ACCOMODATION
Tandem configuration with individual open cockpits (pilot in the rear seat); central stick controls, rudder pedals and throttles for both seats. Two luggage compartments, both with 44 lbs (20 kg.) capacity, one in the front and one in the rear.

SYSTEMS
The 14 VDC electrical system is powered by one engine driven alternator/generator and provides power for the flaps, trim, fuel pump and radio rack. The fuel is kept in two internally fitted aluminum tanks (one in each wing root), total capacity 31,6 US gallons (120 liters).

POWERPLANT
The airframe can be equipped with different engines; at this time we provide firewall forward kits for the following engines: radial ROTEC R2800 (rated power 110 HP) and the MIKRON MIIIC (rated power 80 HP). We are evaluating the LOM M132A (rated power 120 HP).
The engine drives a 2 blade wooden propeller.

External Dimensions:

WING SPAN	29'10" ft	9,10 m
WING GROSS AREA	143,3 sq/ft	13,5 m^2
WHEEL TRACK	5'6" ft	1,68 m
PROPELLER DIAMETER	72"	1,829 m

Weights and Loadings

EMPTY WEIGHT (ROTEC R2800)	848 lbs	385 kg
USEFUL LOAD	472 lbs	214 kg
MAX T-O WEIGHT	1320 lbs	599 kg

Performances, Rotec R2800 110 hp engine

	MPH
Never-exceed speed (VNE)	132
Max level speed @ S/L	121
Maneuvering speed (VA)	90
Max cruising speed @ S/L (75%)	106
Stalling speed clean @ S/L (Vs1)	45
Stalling speed full flaps @ S/L (Vs0)	41
Max rate of climb @ S/L, MTOP	800 ft/min
Maximum ceiling (without oxygen)	12,000 ft
T-O distance @ S/L	820 ft
Landing distance @ S/L	656 ft
Max range (with 30 min reserve)	360 nmi
G limits	+4/-2