

AIRCRAFT KITS

POBER (CORBEN) JUNIOR ACE TWO-PLACE



This is the famous aircraft that launched an industry as well as the Experimental Aircraft Association when plans for it were published in Popular Mechanics in the early 50's. It is lightweight, easy to build, fun to fly and requires minimal maintenance. It has been modified from the original Corben

Baby Ace so that it can utilize aircraft engines. The fuselage has also been widened, the horizontal stabilizer was modified for easier construction and modern aircraft wheels and brakes are now called for. With nearly a 34' wingspan and Clark Y airfoil, the Pober Junior Ace, designed by EAA founding president Paul Poberezny, is docile in stall and landing patterns. Airframe is 4130 steel tubing, wings are all wood and the recommended powerplant is a Continental C-85. Empty weight of the Junior Ace is 750 pounds and gross capacity is 1,320 pounds. Free brochure available from **Acro Sport. Plans can be ordered from Acro Sport, Inc., Box 462, Hales Corners, WI 53130.** Order your Junior Ace materials kits from Aircraft Spruce, the approved materials supplier. Free kit list.

VULCAN C100



Vulcan C100 is a real Sport Pilot aircraft available both fixed and retractile landing gear. Designed for Italian ultralight aviators it is a very beautiful aircraft inspired to Frati's Falco line. All metal construction it can support engines from 80 hp to 150

hp. Suggested engine Rotax 912 series. **Dimensions and characteristics:** Length - 21.45 feet (6.50 m), Height - 7.59 feet (2.30 m), Wing span - 26.40 feet (8 m), Wing surface - 114.14 sq feet (10.61 sp m), Cross wheel distance - 8.25 feet (2.50 m)

Electric actuated Flaps, Retractable landing gear, pneumatic actuated Stabilizer Trim, electric actuated Engine, ROTAX 912 ULS, Propeller-Carbon composite Three blade, On round pitch variable Empty weight - 621 Pounds (282 Kg), Tanks capacity - 24.96 US gallons (96 litres)

Performances: Max horizontal speed - 140 Kts (260 Km/h), Cruise speed (75% setting) - 124 Kts (230 Km/h), Stall speed (Flaps down) - 34 Kts (62 Km/h), Climb rate - 1200 ft/min (6 m/sec), Take off run - 726 feet (220 m), Landing run - 462 feet (140 m), Max. range - 653 nm (1210 Km) (5h30' with 30' reserve), Max efficiency - 12

CORIVI AVIATION

Via Puglia, 70/D - 95125 Catania - CT (Italy)
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Phone/Fax: (0039) 095 330915



SONERAI I & II

Sonerai series aircraft are mid and low winged sport aircraft. The Sonerai I was designed by John Monnett. It was designed to meet all Professional Race Pilots

Assn. and Formula Vee Racing requirements for 1600 cc Volkswagen powered aircraft. Fuselage construction is 4130 steel tubing with a fabric covering. The aircraft has folding wings made of 2024T3 aluminum. The Sonerai has an excellent reputation for strength, speed, and agility. 6 versions of the aircraft are available including the Sonerai II, two place tandem versions and LS stretch versions. For more information on the Sonerai series of aircraft contact **Great Plains Aircraft, P.O. Box 545, Boys Town, NE. 68010. Phone (402) 493-6507, Fax (402) 333-7750.**



NEXAER LS1

The Nexaer LS1, a 2-seat composite airplane that meets Light Sport Aircraft classifications under the new FAA Sport Pilot rule and is being promoted and marketed by Sportplanes.com The LS1, manufactured by Nexaer in Colorado Springs,

Colorado, features a 54" wide cockpit, a cruise speed of 120 knots and a useful load in excess of 600 lbs. The prototype of the LS1 was unveiled at AirVenture 2005.

For further info contact Nexaer at:

7890 Cessna Drive, Meadow Lake Airport, Peyton, CO 80831
Ph: (719) 683-5060 • Fax: (719) 683-5190
www.Nexaer.com • e-mail: info@nexaer.com

NESMITH COUGAR - TWO-PLACE



The Cougar, designed by Bob Nesmith dates back to the mid fifties. It shows an obvious influence by Steve Wittman's Tailwind, featuring wide short wings (20' 6") and a one-piece steel tube landing gear. The design was modified by Leonard Eaves for an EAA design contest in 1963, principally for the purpose of including folding wings. The aircraft can be towed to and from the airport on its own landing gear. With a redline speed of 195 mph, the Cougar maintains a brisk cruise of 120 to 165 mph, depending on choice of engine which can range from 65 hp to 125 hp. Landing approach is done at 80 mph and touchdown is around 70. The Cougar is an outstanding cross country machine that utilizes traditional steel tube fuselage, Sitka wings and fabric covering. Hundreds of copies of this versatile design have been completed. Cougar info packs are available for \$10.50 and plans for \$125.00 from **Acro Sport, Inc., 462, Hales Corners, WI 53130.**

PITTS MODEL 12



The latest biplane designed by Curtis Pitts. The Pitts Model 12 is a 2 place fully aerobatic biplane designed specifically around the 360 HP (400hp) Russian built Vedeneyev M-14P (PF) radial. Stressed to +9 -7.5g at full gross weight of 2250lb with 750lb useful load. It has a 239 MPH Vne, 175 MPH Cruise @70% Power, and 64 MPH Stall Speed. 3200+ Feet per Minute Climb Rate, 300+ Deg. per Sec. Roll Rate. Aerobatic in design, the Pitts model 12 is an excellent cross country airplane with a 520 Mile Range. Aircraft Spruce is a prime supplier for Pitts Model 12 kits.

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CORBY STARLET CJ-1



The Corby Starlet is an all wood single seat, low wing cantilever monoplane. It is a very practical cross-country machine as well as being an aerobatic aircraft. The design was drawn around the use of VW powerplants up to 75 hp and 160 lbs. max. The Starlet has been awarded a Type certificate issued by the Australian Aviation Authority. For more info contact:

Corby Starlet, 1335 Robinhood Lane S., Lakeland, FL 33813
ph: (863) 644-8426

corbystarlet@juno.com • www.CorbyStarlet.com

Spruce Kit (minus spars).....P/N 02-04300
2 P.c. Spar Kit.....P/N 02-09000
Plywood Kit.....P/N 01-00381