

AIRCRAFT KITS

MURPHY REBEL



The Murphy Rebel is an all-metal, 3 seat, high wing aircraft constructed using semi-monocoque construction techniques. Built for strength and longevity, the Rebel is designed to endure tough bush plane-like conditions with low maintenance costs. Designed by Darryl Murphy, the Rebel was designed to accommodate a variety of powerplants including the Rotax 912, Lycoming O-235 and Lycoming O-320. The Rebel is easily stored or trailered due to its removable wings and folding tailfeathers. The cabin is a comfortable 44" wide and provides a large wrap around instrument panel, skylights, and large doors. Pre-aligned punched holes make eliminate the need for jigs & special tools, making the Rebel a simple aircraft to build. The Rebel is at home on floats and skis as on standard wheels. Aircraft Spruce is a prime supplier of materials and components used in Rebel kits.

For further information contact **Murphy Aircraft Mfg. Ltd., Unit #18155 Aitken Rd., Chilliwack, British Columbia, Canada V2R 4H5. Ph: (604) 792-5855.**

RAN'S S-16 SHEKARI



The S-16 Shekari is a kit aircraft with the quick build built in. Features an unusual blend of construction concepts to both enhance performance and shorten build time. The S-16 is based around a welded steel tube "cockpit cage" with composite fuselage shells. The vertical and horizontal stabilizer surfaces are molded into the fuselage shells with internal aluminum ribs and spars. The wings are conventional aluminum construction and come with holes matched drilled between ribs and skins. The result is nearly jigless construction. The fuselage comes with all key holes located. The S-16 exhibits excellent performance and handling using a variety of engines. The original flew on the Rotax 912 HP producing a 145mph cruise. The 912 was dropped in favor of the Lycoming IO-320.

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For further information contact **RANS: 4600 Highway 183 Alternate • Hays, KS 67601 Phone: (785) 625-6346 • www.rans.com**

BARRACUDA



The Barracuda, made entirely of spruce and plywood, is a fast, high performance, side by side two-place with retractable, tricycle gear. Rated for limited acrobatics, it has a 200 MPH cruise speed and 2,100 FPM rate of climb with a Lycoming 0540 Engine. Designed by RAF pilot, Geoff Siers, to fly like a fighter, power may vary from 200 to 300 horsepower. A stall speed of 62 makes landing easy. The comfortable 40 inch wide cockpit, with the sound deadening properties of wood, makes it a wonderful cross-country tourer. The structure is elegant and simple, like a model airplane, with no complex jiggling. The Barracuda won the "most outstanding new design" at Oshkosh. Aircraft Spruce & Specialty Co. is the distributor for materials kits and component parts. For further information and plans, contact

Siers Flight Systems, Inc., 20613 36th Place West Lynnwood, WA 98036

Phone: (425) 478-3655 • barracuda@siersflight.com
Plywood Kit..... P/N 01-00577
Spruce Spar Kit P/N 01-00617

STALLION



The Stallion will carry 6 people and or/cargo (1,600 lbs. useful load) over a long distance and at an operating and fuel cost that no other kit or factory can match. Not even a twin engined aircraft. And this for an acquisition price 1/3rd that of a factory airplane. Compare the specs of the Stallion to any other aircraft and see why everyone agrees that it is the aircraft for the next century and beyond. With a cruise speed of 200+ knots at 9,000 feet, the Stallion burns 13.8 gph of fuel for 16.7 miles/gallon. with 180 gallons the Stallion has a coast range. For loading, a large 74 inch by 36 inch removable panel is located on the right side. Normal access is achieved from the left side, clamshell door. The pilots seat is moved forward to allow easy access to the back seats and it is moved back to allow access to the pilot and copilot seat. The top of the left door hinges up to allow taxing with the left door open and the bottom door hinges down and provides a step for both the back and front seats. All seats are attached with quick release pins and can be removed in seconds for carrying cargo. The high wing allows excellent visibility of the ground from the air. Some of the other features of the high wing include reduced aerodynamic drag compared to low and mid wing aircraft and gravity fuel feed. Information Package \$12.00. Video \$30.00 Both \$40.00. Aircraft Spruce is a prime supplier of materials & components used in the Stallion kits.

Contact **Aircraft Designs, Inc. : 5 Harris Ct. Bldg. S., Monterey, CA 93940 • Phone: (831) 621-8760 • Fax: (831) 621-7376 Email: jets@mbay.net**

FLY BABY



This plane is a structurally simple and easy-to-fly airplane designed to the requirements of the Experimental aircraft Association for home construction and storage in a space 7' x 8' x 20', which is equivalent to the standard home garage. Great emphasis has been placed upon safe flight characteristics and good low speed performance for takeoff and landing at some sacrifice of high speed. The

structure has been designed for standard airplane engines from 65 to 85 horsepower and the aerodynamic features are of sizes and proportions suited to obtaining the best all-around performance in this power range. Because of this, there is not enough advantage to be gained from using engines of significantly higher power to offset the cost and weight penalties. Increasing the power to increase the aerobatic capability is not recommended. FLY BABY will do simple recreational aerobatics very well but is not intended for rough air show or competition maneuvers.

Fly Baby Spruce Kit.....P/N 01-00977
Fly Baby Plywood KitP/N 01-00974
Fly Baby Metals KitP/N 01-00976
Fly Baby Hardware KitP/N 01-00975

Contact **David R. Bowers:**

**13730 Burke Road, Los Altos Hills, CA 94022-3549
ph: (605) 948-3229 • Http://www.bowersflybaby.com**

BAKENG DEUCE



The Bakeng Deuce is a two place parasol that is great for plain every day or weekend flying. It is of a basic aircraft design utilizing a steel tube fuselage. The structure is faired with plywood and aluminum formers which support spruce stingers. Wings are of basic wooden construction with solid spruce spars. The Deuce is a very easy aircraft to build with an excellent set of plans. It has a max. speed of 140 mph, cruises at 110-120 mph with a stall speed of 35-40 mph.

**Bakeng Deuce Airplane Factory
9850 52nd Street, Kenosha, WI 53144**

Ph: (262) 658-9286 • e-mail: acole@interaccess.com
Spruce Spar Kit P/N 02-06800