

# NavirNet

*Representaciones y servicios  
aeronavales*



**NavirNet**

Representación y servicios  
aeronáuticos y navales

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# AIRCRAFT SPRUCE KITS

## COZY MARK IV




The Cozy MK IV is a high-performance, four-seat canard aircraft which is comfortable, efficient, and economical to build. It has a range of about 1,000 miles and a top speed of 200 mph. When constructed according to plans and operated within the approval C. G. range, the canard configuration makes it highly resistant to stalls or loss of position control. The MK IV features full dual control and two-axis trim. The composite construction is very strong, resistant to corrosion and fatigue, and offers better protection to the occupants than other types of construction. Aircraft Spruce acquired the Cozy design rights in January 2004 and is now the sole source for Cozy plans and info packs.

- Cozy Mark IV Plans .....P/N 01-00178 .....**\$500.00**
- Cozy Mark IV Info Pac .....P/N 01-00566 .....**\$10.00**
- Cozy "M" Drawings\* .....P/N 01-00570 .....**\$49.95**
- Cozy Newsletters on CD .....P/N 01-00569 .....**\$20.00**
- Cozy Owners Manual\* .....P/N 01-00565 .....**\$6.95**

\* Can only be sold to a builder, must provide plans # to order.

**FREE INSTRUCTIONAL VIDEO WITH PLANS**



Building the Rutan Composites – This step-by-step instructional program features Burt Rutan and Mike Melvill proceeding through the complete foam-epoxy-fiberglass composite construction procedure as used on the VariEze, Long-EZ, Quickie, Q2, Dragonfly, Sea Hawk, and other composite aircraft. Also included is a formation flight by the Long-EZ, Defiant & VariViggen. A must for all composite aircraft builders. 1hr, 36 mins. VHS .....P/N 13-08401 .....**\$26.95**

## COZY MATERIALS KITS

### SECTION I KITS

	Part #	Price
Foam Kit .....	01-01410 .....	<b>\$1,753.93</b>
Fiberglass Kit .....	01-01415 .....	<b>\$2,466.00</b>
Wood Kit .....	01-01420 .....	<b>\$110.53</b>
Hardware Kit.....	01-01430 .....	<b>\$170.11</b>
Metal Kit .....	01-01425 .....	<b>\$271.22</b>
Misc. Mats .....	01-01440 .....	<b>\$2,857.50</b>
Tools Kit .....	01-01435 .....	<b>\$434.45</b>
Fuel Fittings .....	01-01431 .....	<b>\$45.21</b>
Epoxy Kit .....	01-38201 .....	<b>\$328.65</b>

### SECTION II KITS

	Part #	Price
Bolts .....	01-01505 .....	<b>\$33.07</b>
Screws .....	01-01510 .....	<b>\$24.49</b>
Washers .....	01-01515 .....	<b>\$22.68</b>
Nuts .....	01-01520 .....	<b>\$60.83</b>
Nutplates .....	01-01525 .....	<b>\$22.20</b>
Rivets .....	01-01540 .....	<b>\$27.87</b>
Fittings .....	01-01535 .....	<b>\$89.82</b>
Foam .....	01-00297 .....	<b>\$319.60</b>
Expoxy .....	01-01545 .....	<b>\$221.67</b>
Metal.....	01-01530 .....	<b>\$127.79</b>
Misc .....	01-01560 .....	<b>\$1,488.57</b>
Fiberglass.....	01-00298 .....	<b>\$307.00</b>

## CHAPTER KITS

	Part #	Price
Chapter 4.....Fuselage Bulkhead.....	01-00256 .....	<b>\$509.44</b>
Chapter 5.....Fuselage Sides .....	01-00257 .....	<b>\$318.93</b>
Chapter 6.....Fuselage Assy .....	01-00259 .....	<b>\$242.85</b>
Chapter 7.....Fuselage Exterior .....	01-00260 .....	<b>\$158.65</b>
Chapter 8.....Headrest, Heatduct, Seatbelt ..	01-00261 .....	<b>\$480.94</b>
Chapter 9.....Main Gear-Brake .....	01-00263 .....	<b>\$1,403.61</b>
Chapter 10.....Canard Construction .....	01-00264 .....	<b>\$385.53</b>
Chapter 11.....Elevators.....	01-00266 .....	<b>\$48.55</b>
Chapter 12.....Canard Installation .....	01-00267 .....	<b>\$1.94</b>
Chapter 13.....Nose Gear .....	01-00268 .....	<b>\$942.69</b>
Chapter 14.....Centersection Spar.....	01-00271 .....	<b>\$573.02</b>

	Part #	Price
Chapter 15.....Firewall Accessories .....	01-00272 .....	<b>\$180.54</b>
Chapter 16.....Control System .....	01-00273 .....	<b>\$350.43</b>
Chapter 17.....Pitch-Roll-Trim .....	01-00275 .....	<b>\$71.30</b>
Chapter 18.....Canopy .....	01-00277 .....	<b>\$537.47</b>
Chapter 19.....Wings & Ailerons .....	01-00280 .....	<b>\$1,664.36</b>
Chapter 20.....Winglets & Rudders .....	01-00282 .....	<b>\$142.80</b>
Chapter 21.....Strake-Fuel-Baggage .....	01-00283 .....	<b>\$917.20</b>
Chapter 22.....Electrical .....	01-00285 .....	<b>\$864.35</b>
Chapter 23.....Engine-Prop Installation .....	01-00286 .....	<b>\$1,289.13</b>
Chapter 24.....Covers Fairing .....	01-00291 .....	<b>\$231.05</b>
Chapter 25.....Finishing .....	01-00292 .....	<b>\$841.45</b>



## CHRISTAVIA MK-1/MK-2 & MK-4

Aircraft Spruce & Specialty Co. has acquired the design rights to the popular Christavia MK1, Christavia MK2, and Christavia MK4 homebuilt aircraft from the designer, Ron Mason of Elmwood Aviation in Canada. The Christavia was designed in 1982 as a mission field workhorse. Design requirements were short take-off and landing, small engine (low fuel consumption), low stall speed, good cruise speed and rate of climb, large cabin area, low maintenance and high safety factor. The Christavia is easy to fly, and the large cabin makes long flights very comfortable. Over 1000 sets of the plans have been sold for the MK1 (two place tandem), MK2 (two place side-by-side), and Christavia MK4 (four place). Aircraft Spruce has plans available for these aircraft at \$225 per set as well as an information pack for \$10. Complete materials packages for construction of the aircraft are available from Aircraft Spruce. CHRISTAVIA MK-1/MK-2 Info Pack.....P/N 01-00662 .....**\$10.00**

### CHRISTAVIA MK-1 KIT PRICE LIST

Spruce Kit for MK-1.....01-39810	<b>\$1,020.46</b>	MK-1 SPRUCE KIT .....01-39880	<b>\$711.00</b>	Plywood Kit (MK-1).....01-39820	<b>\$293.90</b>
Alum. Sheet Kit (MK-1) ..01-39830	<b>\$650.71</b>	4130 Tube Kit (MK-1)....01-39840	<b>\$3,039.15</b>	4130Sheet Kit (MK-1) ..01-39850	<b>\$207.37</b>
Hardware Kit (MK-1) .....01-39860	<b>\$118.61</b>	MISC Kit for MK-1 .....01-39870	<b>\$3,489.89</b>		
MK-1 Plans .....	<b>\$225.00</b>	MK-1 Misc. Kit .....	<b>\$3,222.88</b>	MK-1 Aluminum Kit .....	<b>\$469.95</b>
MK-2 Supplement .....	<b>\$50.00</b>	MK-1 Plywood Kit.....01-00667	<b>\$313.90</b>	MK-1 Tubing Kit .....	<b>\$3,012.00</b>
MK-2 Plans Complete ....01-00692	<b>\$275.00</b>	MK-1 4130 Sheet Kit ....01-00669	<b>\$280.95</b>	MK-1 AN Bolt Kit.....01-00670	<b>\$96.50</b>

### CHRISTAVIA MK-4 KIT PRICE LIST

MK-4 INFO PACK .....	<b>\$6.75</b>	MK-4 PLANS .....	<b>\$225.00</b>	MK-4 4130 Tube Kit ....01-00674	<b>\$3,158.37</b>
MK-4 MISC. Kit .....	<b>\$5,927.41</b>	MK-4 4130 Sheet Kit ....01-00676	<b>\$498.65</b>	MK-4 Plywood Kit .....	<b>\$362.90</b>
MK-4 Aluminum Kit .....	<b>\$4,132.14</b>	MK-4 Hardware Kit.....01-00679	<b>\$221.56</b>		

# AIRCRAFT SPRUCE KITS

## STARDUSTER TOO SA 300



The Starduster Too was built to fill a need for a reasonably sized, 2-place, open sport biplane. Stability is good and the light wing loading makes slow landing and short-field operation outstanding. The main structure of the aircraft is built of 4130 steel tubing and sheet stock and has no machined fitting or other complicated bends. The wings have spruce spars and the ribs are made of 1/4" plywood. Construction of the plane has been kept as simple as possible. The Lycoming O-360 (180 hp or 200 hp) is the best size engine for the aircraft.

Plans .....P/N 01-00424 .....**\$150.00**  
 Info Pack ....P/N 01-00596 .....**\$10.00**

## ACRODUSTER TOO SA 750



This two-place biplane is about 10% smaller than the Starduster Too. It is a very strong machine designed to +/-9 G. It is a high performance machine meant for minimum of 180 and up to 360 horsepower. The roll rate is spectacular with four ailerons and symmetrical wings.

Plans .....P/N 01-00427 .....**\$125.00**  
 Info Pack .....P/N 01-00443 .....**\$10.00**

## STARLET SA 500



A low-horsepower, single-place parasol, this is a fun machine. Easy to build and easy to fly, it is the best of both worlds. Engines in the 65 to 85 HP range work best. Excellent visibility and a pretty design keep your excitement high.

Plans .....P/N 01-00428 .....**\$100.00**  
 Info Pack .....P/N 01-00463 .....**\$14.60**

## V-STAR SA 900



This is a low horsepower, exciting, single place biplane. Rated for +/-6 G, this machine will keep you smiling. With stall speed approaching 35 mph and horsepower in the 75 to 85 range, fun flying is not slowed at the gas pump.

Plans .....P/N 01-00429 .....**\$100.00**  
 Info Pack .....P/N 01-00471 .....**\$13.60**

## STARDUSTER ONE SA 100



This is the single place biplane designed by Lou Stolp back in 1964 that started it all. It as a very easy aircraft to fly, powered by engines in the 125 horsepower range - A fun machine! Constructed with a 4130 steel fuselage,

wood spars and ribs, and covered with fabric. The Starduster One can only classified as "classic".

Plans .....P/N 01-00425 .....**\$125.00**  
 Info Pack .....P/N 01-00568 .....**\$10.00**

## STARDUSTER KITS & COMPONENTS

PART NO	DESCRIPTION	PRICE
01-00436	.....STARDUSTER TOO AILERON FILLETS.....	<b>\$180.00</b>
01-00437	.....STARDUSTER TOO COCKPIT COWLING.....	<b>\$289.95</b>
01-00438	.....STARDUSTER TOO SA300 NOSE BOWL.....	<b>\$88.75</b>
01-00439	.....STARDUSTER TOO TDECK W/ HDREST.....	<b>\$250.00</b>
01-00440	.....STARDUSTER TOO WHL PNTS 600X6.....	<b>\$163.95</b>
01-00597	.....STARDUSTER / ACRODUSTER VIDEO.....	<b>\$15.00</b>
01-00485	.....STARDUSTER TDECK SA300 & SA750.....	<b>\$250.00</b>
01-00491	.....O-235-N2C ENGINE 4 STARDUSTER.....	<b>\$18,864.00</b>
01-00494	.....O-320-D1A ENGINE 4 STARDUSTER.....	<b>\$21,874.00</b>
01-00495	.....IO-320-D1B ENGINE 4 STARDUSTER.....	<b>\$27,163.00</b>
01-00496	.....O-360-A1A ENGINE 4 STARDUSTER.....	<b>\$23,154.00</b>
01-00502	.....STARDUSTER AILER FILLET LEFT.....	<b>\$45.00</b>
01-00503	.....STARDUSTER AILER FILLET RIGHT.....	<b>\$45.00</b>
01-00560	.....STARDUSTER TOO COBANE STRUTS.....	<b>\$371.56</b>
01-00561	.....STARDUSTER TOO I STRUTS.....	<b>\$393.90</b>
02-00052	.....STARDUSTER TOO SA300 SPAR KIT.....	<b>\$744.25</b>
02-08200	.....STARDUSTER SINGLE PLACE SPAR.....	<b>\$501.45</b>
02-08300	.....STARDUSTER TOOSPAR KIT.....	<b>\$744.25</b>
03-15700	.....STARDUSTER TOO 4130 TUBING KIT.....	<b>\$2,517.43</b>
04-00778	.....STARDUSTER FORKEND.....	<b>\$72.50</b>
04-00780	.....STARDUSTER TANK FLOPPERS.....	<b>\$50.50</b>
05-01078	.....STARDUSTER TOO SA300 CLR WNDSH.....	<b>\$96.75</b>
05-01079	.....STARDUSTER CANOPY CLR 1-PLACE.....	<b>\$350.00</b>
05-01081	.....STARDUSTER CANOPY CLR 2-PLACE.....	<b>\$738.00</b>
05-01084	.....STARDUSTER TOO SA300 TAILWHEEL.....	<b>\$303.95</b>
05-01086	.....STARDUSTER TLWHL CONN. SPRG KT.....	<b>\$19.78</b>
05-01087	.....STARDUSTER LNDG GEAR MATER. KT.....	<b>\$464.44</b>
05-01090	.....STARDUSTER TOO HORIZ TAIL ASSY.....	<b>\$568.97</b>
05-01091	.....STARDUSTER TORQUE TUBE ASSY.....	<b>\$714.00</b>
05-01092	.....STARDUSTER TOO FUSEL. MAT. KIT.....	<b>\$673.85</b>
05-01096	.....STARDUSTER TOO MAT. KIT WINGS.....	<b>\$3,120.42</b>
05-01101	.....STARDUSTER BELL CRANK ASSEMBLY.....	<b>\$302.00</b>
05-01103	.....STARDUSTER AILERON HINGE ASSY.....	<b>\$65.00</b>
05-01104	.....STARDUSTER AILERN DRV HRN ASSY.....	<b>\$50.00</b>
05-01109	.....STARDUSTER CABANE STRTS MAT KT.....	<b>\$550.00</b>
05-01112	.....STARDUSTER AIRLN SLV STRT HRN.....	<b>\$75.00</b>
05-01122	.....STARDUSTER FLYING WIRE ATTACH FITTINGS.....	<b>\$19.95</b>
05-01138	.....STARDUSTER TOO SA300 CLR BUBBL.....	<b>\$152.50</b>
05-01139	.....STARDUSTER TOO SA300 GRAY WNDS.....	<b>\$99.25</b>
05-01141	.....STARDUSTER TOO SA300 GRN WNDSH.....	<b>\$129.95</b>
05-01142	.....STARDUSTER TOO SA300 GRAY BUBL.....	<b>\$167.75</b>
05-01143	.....STARDUSTER TOO SA300 GRN BUBBL.....	<b>\$167.75</b>
05-01193	.....STARDUSTER CANOPY GRAY 1-PLACE.....	<b>\$385.00</b>
05-01194	.....STARDUSTER CANOPY GRN 1-PLACE.....	<b>\$385.00</b>
05-01195	.....STARDUSTER CANOPY GRAY 2-PLACE.....	<b>\$769.00</b>
05-01196	.....STARDUSTER CANOPY GRN 2-PLACE.....	<b>\$682.00</b>
05-01211	.....STARDUSTER TOO TIE ROD SET W/T.....	<b>\$2,983.00</b>
05-19700	.....FUEL TANK STARDUSTER I (MAIN).....	<b>\$383.95</b>
05-19710	.....FUEL TANK STARDUSTER I -INVERT.....	<b>\$487.95</b>
05-19720	.....FUEL TANK STARDUSTER I (WING).....	<b>\$335.95</b>
05-19800	.....FUEL TANK STARDUSTER II (MAIN).....	<b>\$5683.00</b>
05-19810	.....FUEL TANK STARDUSTER II INVERT.....	<b>\$584.00</b>
05-19820	.....FUEL TANK STARDUSTER II (WING TANK).....	<b>\$446.95</b>
06-00173	.....STARDUSTER TOO BUNGEE CORDS.....	<b>\$18.80</b>
06-00174	.....STARDUSTER TOO ALUM LNDGNG GR.....	<b>\$1,145.00</b>
06-00177	.....STARDUSTER TOO STEEL LNDG GEAR.....	<b>\$999.00</b>
06-00179	.....STARDUSTER 500X5 WELD-ON AXLE.....	<b>\$24.20</b>
06-03935	.....STARDUSTER II LANDING GEAR.....	<b>\$1,289.00</b>
08-00897	.....STARDUSTER TOO STD ENG MOUNT.....	<b>\$753.00</b>
08-00898	.....STARDUSTER TOO SA300 FRWL GALV.....	<b>\$335.50</b>
08-00899	.....STARDUSTER EXHAUST SYSTEM 4CYL.....	<b>\$520.00</b>
08-00901	.....STARDUSTER EXHAUST SYSTEM 6CYL.....	<b>\$630.00</b>
08-00966	.....STARDUSTER TOO FIREWALL SS.....	<b>\$335.00</b>
08-00967	.....STARDUSTER TOO FIREWALL GALV.....	<b>\$241.95</b>
09-00483	.....STARDUSTER SA300 COVERNG/PAINT.....	<b>\$2,311.39</b>
13-02417	.....STARDUSTER TECHNICAL TIPS.....	<b>\$39.60</b>
13-02427	.....STARDUSTER LOGO COFFEE MUG.....	<b>\$6.00</b>
13-02434	.....1 STARDUSTER PIN.....	<b>\$4.95</b>
13-02436	.....STARDUSTER PATCH SMALL.....	<b>\$4.95</b>
13-02437	.....STARDUSTER PATCH LARGE.....	<b>\$9.95</b>
13-02676	.....STARDUSTER DECAL.....	<b>\$6.95</b>
01-00468	.....SUPERSTARDUSTER BLDG THE GOLD6.....	<b>\$25.00</b>

**ORDER PLANS, COMPLETE MATERIAL KITS AND REQUEST FREE KIT LISTS FOR ALL STARDUSTER AIRCRAFT DIRECT FROM AIRCRAFT SPRUCE.**

# AIRCRAFT SPRUCE KITS



Introduced at the first EAA fly-in 1953, Tailwind was designed and built by legendary designer and air racer Steve Wittman. This high performance homebuilt is constructed with a steel tubing fuselage, wood wings, and fabric covering. It offers exceptional cruising speeds and is economical to operate and maintain. Aircraft Spruce acquired the rights to the Tailwind in January 1996 and is currently the exclusive distributor for plans and materials kits. Complete information package and materials list is available.

### W-10 SPECIFICATIONS

**Length:** 19' 6" **Wing Span:** 24' **Wing Area:** 90 Sq. Ft.  
**Engine:** Cont. 85, 90, 100 or 145 HP - Lyc. 108-160 HP  
**Cruising Speed (Vc):** 150 to 190 MPH

Wittman Tailwind Info Pk/Kit Price List	.....P/N 01-10003	.....\$1.95
Wittman Tailwind Plans	.....P/N 01-10007	..\$180.00*
Wittman Olds V-8 Eng. Conversion Plans	.....P/N 01-10002	....\$35.00
Wittman V-Witt Racer Plans	.....P/N 01-10009	....\$95.00*
Wittman VW Prop Shaft extension	.....P/N 01-10006	....\$19.95

### TAILWIND / V-WITT KITS

Tailwind 4130 Tube kit	.....P/N 03-15800	\$1,654.13
Tailwind Complete Spruce Kit	.....P/N 02-06500	\$1,628.33
Tailwind Spruce Spar Kit	.....P/N 02-08500	..\$326.13
Tailwind Landing Gear	.....P/N 06-00139	..\$399.00
Tailwind Tailspring	.....P/N 06-00140	....\$85.00
V-Witt Spar Kit	.....P/N 02-08600	..\$337.00

*Ask about prefabricated parts available for the Tailwind*

## BABY GREAT LAKES, SUPER BABY LAKES, AND BUDDY BABY LAKES

### BABY GREAT LAKES MATERIALS REQUIREMENTS

<b>Kit #1 Spruce and Plywood Kit</b>	.....P/N 02-03910	.....\$833.64
Complete Spruce Kit Only	.....P/N 02-03900	.....\$616.15
Spar Kit only	.....P/N 02-06700	.....\$415.80
<b>Kit #2 Wing Metals Package</b>	.....P/N 01-10020	....\$1,013.94
Includes finished parts requiring machining		
<b>Kit #3A Wing Hardware Kit (Baby Great Lakes)</b>	.....P/N 01-10030	.....\$54.10
<b>Kit #3B Wing Hardware Kit (Super &amp; Buddy)</b>	.....P/N 01-10035	.....\$58.74
<b>Kit 4130 Steel Tubing and Sheet Kit</b>		
Baby Great Lakes Kit-4A	.....P/N 03-14300	....\$1,146.01
Super Baby Lakes Kit-4B	.....P/N 03-14310	....\$1,228.41
Buddy BabyLakes Kit-4C	.....P/N 03-14320	....\$1,471.96
<b>Kit #5 Landing Gear/Brakes Kit</b>	.....P/N 01-10040	....\$1,597.24
<b>Kit #6 Wing Alignment Materials Package</b>	.....P/N 01-10050	....\$217.92
<b>Kit #7 Fuel Tank and Installation Package</b>	.....P/N 01-10060	.....\$46.14
<b>Kit #7A Fuel tank Installation Kit</b>	.....P/N 01-10070	.....\$46.14
<b>Kit #8 Flying Controls Materials Package</b>	.....P/N 01-10080	.....\$901.02
<b>Kit #9 Fairings, Firewall, Instrument &amp; Fuselage Panels w/Hardware</b>	.....P/N 01-10090	.....\$586.47
<b>Kit #10 Poly - Fiber Materials Package</b>	.....P/N 01-10095	....\$1,598.66

**ASK ABOUT THE MANY PRE-FABRICATED PARTS AVAILABLE FOR BABY GREAT LAKES AIRCRAFT.**

### BABY GREAT LAKES



The Baby Great Lakes (one place) and Buddy Great Lakes (two place) aircraft are well proven designs which are easy to construct and fly, provide classic good looks, and are aerobatic. Construction is of wood and steel tubing and plans are well presented for the first time builder. Aircraft Spruce & Specialty Company acquired all rights to these designs in May, 1996 and now offers info packs, plans, raw materials kits, and pre-fabricated kits for these fine aircraft. Contact Aircraft Spruce for information on info packs and plans.

Baby Great Lakes Info Packs	.....\$5.95
Plans for Baby Great Lakes	.....\$165.95
Plans for Super Baby Lakes	.....\$195.00
Plans for Buddy Baby Lakes	.....\$200.00

## ACROLITE



Aircraft Spruce & Specialty is the exclusive supplier of plans and materials packages for Ron Wilson's aerobatic aircraft design, the single seat Acrolite. Complete construction material packages, 16 in total, for the Acrolite can be purchased for under \$10,000.

The Rotax 912 engine is used in the prototype. The Acrolite can also be built with the Rotax 532-618.

Acrolites are designed to be a quick, easy build for beginners. The biplane cruises at 110 mph, has a range of 250 miles, takes off and lands in 500 feet and has a service ceiling of 12,000 feet. Empty weight is 495 lbs. and gross is 750. The airplane stands six feet tall, is 17' long and has 133 square feet of wing area. It is designed for sportsman aerobatics.

The Acrolite was chosen as one of two finalists in the Scratchbuild Design Contest which was sponsored by Aircraft Spruce & Specialty.

### ACROLITE KITS

Info Pack, 01-20005	.....\$10.00
Plans, 01-20090	.....\$300.00
Plans Kit includes Plans, Builders Manual, Maintenance Manual and Photo Set.	

### MATERIALS REQUIREMENTS

Kit #1 Aluminum Tube Kit, 01-20010	.....\$838.06
Kit #2 4130 Tube Kit, 01-20015	.....\$882.17
Kit #3 Aluminum Sheet and Bar Kit, 01-20020	.....\$400.38
Kit #4 4130 Sheet and Bar Kit, 01-20025	.....\$380.78
Kit #5 Aluminum Wing Kit, 01-20030	.....\$2,006.45
Kit #6 Misc. Wood Kit, 01-20035	.....\$166.21
Kit #7 Wood Wing Kit (Optional), 01-20040	.....\$1,888.82
Kit #8 Fastener kit, 01-20045	.....\$296.58
Kit #9 Control System Kit, 01-20050	.....\$516.68
Kit #10 Fuel System Kit, 01-20055	.....\$369.64
Kit #11 Misc Hardware Kit, 01-20060	.....\$88.34
Kit #12 Wheels and Brakes, 01-20065	.....\$455.45
Kit #13 Misc. Accessories Kit, 01-20070	.....\$282.82
Kit #14 Basic Instruments Kit, 01-20075	.....\$928.61
Kit #15 Covering Kit, 01-20080	.....\$639.82
Kit #16 Cowl Kit, 01-20085	.....\$138.60

# AIRCRAFT KITS

## VAN'S AIRCRAFT (RV)

Van's Aircraft, Inc. has been a leading supplier of aircraft kits since 1973. Since their first offering RV Aircraft have become known their wide performance envelope and sporty handling qualities. While the RVs are excellent cross-country airplanes, they are not simply "go-fast" machines. They are also aerobatic (except RV-9A) and have outstanding low speed characteristics and short-field capabilities; a rare combination. First and foremost, though, they are fun to fly. Their controls are light, responsive, and beautifully harmonized.

RVs are aluminum monocoque structures. The aluminum skins are supported by an internal structure of ribs, spars & bulkheads, just like production light aircraft. Conventional "AN" aircraft rivets are used to fabricate the aluminum structure. The cowling, wing tips, wheel fairings and similar non-structural fairing parts are made of fiberglass.

The latest design, the RV-9/9A, is designed to be an easy-to-fly, economical, versatile sportplane. It was designed for day-to-day flying, local trips and short cross-countries, with only occasional long flights. The performance it provides is useable every day. It's so easy to fly that low time pilots can make a quick and painless transition. Its short field performance permits it to easily use all the "fun" airports around. When it's time for that long cross-country, the RV-9/9A gets you there & back almost as quickly as many of the "go-fast" designs.

Van's is now making steady progress with a four-place airplane they've designated the RV-10. They hope to fly in the spring of 2003, and the best estimate for the aircraft to hit the market is late 2003.

### RV-9A

**Empty Weight**.....1,028-1,075 lbs.  
**Top Speed**.....170-194 mph at gross  
**Gross Weight**.....1600-1750 lbs.  
**Stall Speed**.....44 mph at gross  
**Engine**.....118-160hp  
**Take Off Distance**.....350-250 ft.



Aircraft Spruce is prime supplier of components used in RV aircraft and sold by Van's Aircraft.

For more info on the entire line of RV aircraft contact:

**VAN'S AIRCRAFT INC.**  
 14401 NE Kell Rd • Aurora, OR 97002  
 Phone: (503) 678-6545 • Fax: (503) 678-6560  
 info@vansaircraft.com • www.vansaircraft.com

## WITTMAN BUTTERCUP



We all want to fly fast and land slow. Sylvester "Steve" Wittman solved the problem. Wittman built two types of airplanes: Racing machines and Travel machines. The ancestors of these two blood lines were Chief Oshkosh and Buttercup. The Buttercup was built as a utility hauler, and there was only one made - in 1937. He flew it all over the western hemisphere, from Alaska to Bermuda, Florida to Oregon. The Buttercup almost made it into production (cancelled due to WWII) coming to the interest of Fairchild as a four-place project, called the 'Big X'. One plane was built for them by "Witt" - a 4-place, 6 cylinder, 130 HP Franklin powered prototype.

The real genius of the Buttercup design is Wittman's claim of 38 - 40 mph (indicated) slow-flight speed and a near 150 mph top speed, and all on 85 hp! The high speed is vintage Wittman, the low speed is due to an ingenious flap-coupled, retracting lead edge design (seen in today's airliners). Earl Luce of LuceAir, Inc. has 'revived' the Buttercup, featured in the April, 2003 issue of Sport Aviation. Kits and fabricated assemblies for the Buttercup are available from Aircraft Spruce. For info and plans contact:

**LuceAir • 35 Beverly Dr. • Brockport, NY 14420**  
 Ph: (585) 637-5768 • Fax: (585) 387-8920  
 www.luceair.com • e-mail: luceair@att.net

Buttercup Retrack Lead Edge Kit .....	P/N 01-00474 .....	\$322.47
Buttercup Fuselage Sides Kit .....	P/N 01-00475 .....	\$349.40
Buttercup Fuselage Completion Kit .....	P/N 01-00476 .....	\$310.74
Eppenage Vert-Hort Stabilizer Kit.....	P/N 01-00477 .....	\$263.43
Buttercup Wing Wood Kit .....	P/N 01-00478 .....	\$815.86
Buttercup Wing Metal Kit .....	P/N 01-00479 .....	\$558.28
Buttercup Flaps & Ailerons Kit .....	P/N 01-00480 .....	\$271.30
Buttercup Lift Strut Kit.....	P/N 01-00481 .....	\$783.41
Buttercup Engine Mount-Land Gear .....	P/N 01-00482 .....	\$90.65
Buttercup Controls & Finishing .....	P/N 01-00483 .....	\$153.78
Buttercup Covering Kit .....	P/N 01-00571 .....	\$2,475.05

**AIRCRAFT SPRUCE WEST**  
 CORONA, CA • (877) 477-7823

## LANCAIR AIRCRAFT



Founded in 1984 by Lance Neibauer, Lancair has become one of the most successful kit manufacturers in the world. The company manufactures a number of kit aircraft including the Lancair ES and Super ES, and the world's fastest piston-driven aircraft, the Lancair IV and IV-P. Lancair aircraft hold several world speed records as well as championships in most major cross-country air races.

In July of 1999 The Legacy 2000 was introduced as the successor to the Lancair 320/360. The Legacy provides additional passenger and luggage space as well as increased performance over the previous Lancair 360. Using a 310 hp Continental IO-550-N, the Legacy achieves cruise speeds in excess of 276 mph at 8000 ft.

In Sept of 2001 Lancair International flew their turbine engine powered Lancair IV-P. Lancair has now introduced their newest version of turbine power: The Lancair Sentry. This Walter powered Lancair IV is a military-style tandem seat aircraft with left-side throttle controls, and a rear hinge canopy.

"The airplane performs very similar to the existing Propjet model, achieving a cruise speed of almost 400 mph! "Not only does this new Lancair kit yield blood-boiling speeds similar to the IV-P Propjet model, it also offers increased yaw stability and excellent visibility out of a newly designed rear hinge canopy.

For further information on all Lancair aircraft contact:

**LANCAIR INTERNATIONAL**  
 2244 Airport Way, Redmond, OR 97756  
 Phone: (541) 923-2244.  
 www.lancair.com

## ZENITH



The ZODIAC XL is the newest model in the popular all-metal ZODIAC kit aircraft series from aeronautical engineer Chris Heintz, offering more performance and many new standard features. The all-metal, two-seat design features a new wing and canopy design, as well as many additional new features. The new XL prototype model is powered by the six cylinder Jabiru 3300, a new and affordable 110-hp engine from Australia. Lycoming O-235 (116-hp) and Rotax 912S (100-hp) engines have also been installed and flown in the prototype.

The ZODIAC XL is the perfect project for the first-time builder and the demanding sport pilot, bridging the gap between performance flying and affordable costs: Simple and quick to build — easy and fun to fly.

The new ZODIAC XL has been developed with the FAA's proposed Sport Pilot / Light-Sport Aircraft category in mind, and offers maximum performance and capability possible under the new proposed FAA category.

For detailed info on all Zenair™ kit aircraft designs contact:

**Zenith Aircraft Company**  
 Mexico Memorial Airport, PO Box 650  
 Mexico, Missouri, 65265-0650 USA.  
 Ph: (573) 581-9000 (Mon-Fri, 8-5 Central), Fax: 573-581-0011  
 info@zenithair.com • www.zenithair.com

**AIRCRAFT SPRUCE EAST**  
 PEACHTREE CITY, GA • (877) 4-SPRUCE

# AIRCRAFT KITS

## MEYER'S LITTLE TOOT



Designed by George Meyer, the Little Toot was first flown in 1957 and in the same year took the top award from mechanics Illustrated for "Outstanding Achievement in a Homebuilt Aircraft" at the 1957 EAA convention in Milwaukee. Today the aircraft is still popular in appearance and functionality. Little Toot is a Single Seat, Sports Biplane.

The fuselage is an all-metal structure with metal-covered steel tube construction from rear of cockpit forward, and metal monocoque rear of tubular fuselage cockpit forward section. It features all wood wings, two 1" thick spar structure with fabric covering. Fabric covered all metal full-length ailerons on lower wings only. No Flaps. Little Toot has super strong structure stressed to 10- and 10+ G's.

Power Plant options include 4-cylinder engines of up to 200 hp and six cylinders up to IO-540 250 horse power.

**For more info and plans contact Tommy Meyer:**

170 Park Lane, Lewisville, Texas 75077

Phone: (817) 430-3507

tommy@littletootbiplane.com • www.littletootbiplane.com

## PAZMANY PL-9 STORK



The original German Luftwaffe Fieseler F-156 Storch was an outstanding WWII airplane, designed to take off and land in extremely short distances. The Storch had a take off ground roll of 131 feet and a landing roll of 36 feet with 13 miles per hour head wind.

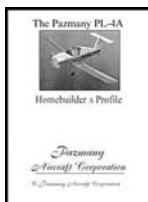
The Pazmany PL-9 Stork is a 3/4 replica. With the same flying and handling characteristics as the original German Aircraft. The PL-9 Stork is a professionally designed STOL aircraft. It has a well proven aircraft configuration designed for a number of functions such as fish spotting, forest fire detection, farm work, missionary work etc. It features a welded chrome alloy steel tube fuselage and aluminum sheet metal/fabric covered wings and empennage. The PL-9 Stork has a cruise speed of 104mph with a standard Lyc.O-320/150 hp engine. Aircraft Spruce is a major supplier of materials for the PL-9 Stork. For more information, info pack and plans, contact:

**Pazmany Aircraft Corp.**

P.O. Box 80051 • San Diego, CA 92138

Phone: (619) 224-7330 • Fax: (619) 224-7358

info@pazmany.com • www.pazmany.com



### PAZMANY PLANS

PL-9 Plans .....	P/N 13-01505 ..	\$550.00
PL-2 Plans .....	P/N 13-01506 ..	\$425.00
PL-2 Homebuilding Profile .....	P/N 13-01509 .....	\$12.00
PL-4A Plans .....	P/N 13-01507 ..	\$375.00

## SONEX



Unique in design, the Sonex is a basic and economical all metal two-place monoplane. Both taildragger and tri-gear versions are available. The Sonex is 17.5 ft. in length and has a 22 ft. wing span. It features easily removable wings for transport and storage. Designed to meet the needs of both European and domestic aviators, it can incorporate various lightweight contemporary engines of 80 – 120hp (under 200 lbs. firewall forward). Suggested engines include the 2180 VW and 80 & 120hp Jabiru engines. Outstanding performance is achieved through its clean aerodynamic shape and simple, lightweight construction.

### Sonex Kits

Wing Hardware Kit .....	P/N 01-00005 .....	\$149.99
Tri-Gear Hardware Kit .....	P/N 01-00006 .....	\$45.48
Tail Hardware Kit .....	P/N 01-00007 .....	\$21.75
Fuselage Hardware Kit .....	P/N 01-00008 .....	\$464.36
Tail Dragger Hardware Kit .....	P/N 01-00009 .....	\$18.02
Metal Kit .....	P/N 01-00010 .....	\$1,479.67
Single Stick Hardware Kit .....	P/N 01-00011 .....	\$1.32
Dual Stick Hardware Kit .....	P/N 01-00013 .....	\$11.08
2-1/4" Instrument Kit .....	P/N 01-00014 .....	\$387.30
3-1/8" Instrument Kit .....	P/N 01-00015 .....	\$222.70
Wheel & Brake Kit .....	P/N 01-00170 .....	\$209.60
Tri-Gear Nosewheel Kit .....	P/N 01-00171 .....	\$55.20
Sq. Tubing Metal Kit .....	P/N 01-00172 .....	\$83.84

**More information on the Sonex can be obtained by contacting:**

**Sonex Ltd.**

P.O. Box 2521 • Oshkosh, WI 54903-2521

Phone: (920)231-8297 • Fax: (920)426-8333

sonex@vbe.com • www.sonex-ltd.com

## EUROPA XS



Europa XS is the answer to the American pilot's desire for extra utility, speed, performance and cabin space. The construction of the Europa is greatly simplified using high-strength, pre-molded sections for safety and durability with pre-structured, panelized wings incorporating special "constructor's gel-coat finish" ready for final finish; a feature significantly reducing the complexity and building time associated with many composite airplanes. Integrating modern aerodynamic research, exceptionally quiet operation, astonishing fuel efficiency (up to 55 MPG), long-range cross country capabilities, sport flying, STOL performance and trailerability (ready in 5 min. to fly), the XS retains all the remarkable features which have made Europa famous: 160 knot cruise speed, extended range to 1,000 nautical miles (with optional auxiliary tank), gross weight to 1370 lbs with 630 lb. useful load, large cabin space and 50% more baggage area! The 80 HP Bombardier Rotax 912 engine, or turbocharged 100 HP model 914 engine, are currently Europa approved for installation.

A tricycle gear Europa is available which retains the special features of trailerability, superb performance, and economy.

Over 500 kits have been sold worldwide with over 100 kits currently under construction in the U.S.

**For more information on Europa kits contact Europa Aircraft:**

3925 Aero Place, Lakeland, FL 33811

Phone: (863) 647-5355 • Fax: (863) 646-2877

europa@gate.net • www.europa-aircraft.com

**WESTERN STATES SUPPORT AVAILABLE**

# AIRCRAFT KITS

## VOLKSPLANES VP-1 AND VP-2



Aircraft Spruce & Specialty is the exclusive distributor for VP-1 and VP-2 materials kits. The Volksplane was designed and prototyped by Bud Evans in 1968. The aircraft is inexpensive, easy to build, and fun to fly. The fuselage is all wood, with three bulkheads, four longerons, flat plywood and some vertical stiffeners. Wings are wood frames covered with fabric. The only parts requiring welding are the control stick, strut ends and stabilizer horn. The only sheetmetal work is in the elevator trim tab. Over 1000 of these single and 2-place planes are flying. The aircraft is ideally suited for Volkswagen engines in the 1500 to 1834 cc range. Plans for the VP-1 are \$57.00 and are available from Aircraft Spruce, P/N 13-11560. Aircraft Spruce can supply complete materials kits from stock. Free kit list on request.

For further information on the Evans VP-1 contact:

**Evans Aircraft**  
Box 744, La Jolla, CA 92037.

VP-1 Kits	Part No.	Price
Wood kit (VPK-1)	01-00222	\$523.35
Plywood kit (VPK-2)	01-00223	\$703.03
Metal kit (VPK-5)	01-00224	\$257.07
Hardware kit (VPK-7)	01-00228	\$367.25
Fabric kit (VPK-8)	01-00221	\$440.36
Fabric Coating kit (VPK-9)	01-00226	\$399.20
Cable Ass'y. kit (VPK-10)	01-00227	\$778.76
Wing Strut kit (VPK-11)	01-00225	\$394.85
Landing Gear (cable-braced)	06-00041	\$502.00
Landing Gear (free standing)	06-04040	\$914.00
VP-1 Plans and Handbook	13-11560	\$57.00

## BUSHCADDY



The BushCaddy was developed as a rugged Canadian bush plane that performs equally well on wheels, skis or floats. The 44 inch wide cabin, doors that swing upwards under the wings and side by side adjustable seats afford the pilot easy access and a comfortable ride. The aircraft

features good control and stability and the excellent STOL performance required of an all-terrain aircraft. Rugged yet lightweight, the BushCaddy is a kit built aircraft constructed entirely of aviation grade 2024-T3, 6061-T6 aluminum and 4130 steel. 4 models of BushCaddy aircraft are available.

For information contact **C.L.A.S.S., Inc.**  
880 St. Fereol, Les Cedres, QC J7T 1N3, Canada  
Ph: +450-452-4772 marla@bushcaddy.com • www.class-inc.ca

## GLASAIR



In 1980 the kitplane industry was revolutionized by the introduction of the Glasair - the world's first pre-molded composite kitplane. They have

remained on the leading edge of the exciting world of homebuilt aviation ever since! New Glasair - New GlaStar is now one of the largest, most well established kitplane manufacturers in the world, with more than 2,500 kits in the field and some 1,200 aircraft flying in countries around the world. Their reputation for innovative design, thorough engineering, quality components and conscientious customer service is unequalled in the industry. For more information on Glasair Aviation aircraft contact:

**Glasair Aviation LLC**  
18810 59th Ave NE Arlington, WA 98223  
Phone: 360-435-8533 extension 232  
www.newglasair.com

## SKY ARROW



The Sky Arrow is a 1,450 lb. MTOW, high wing, tandem two seat, fixed gear aircraft. The airframe is fully manufactured with composite materials (kevlar and carbon sandwich). The high-wing tandem configuration provides excellent visibility of over 300°. The Sky Arrow is fitted with either a Rotax 912 or 914 engine. Its excellent STOL performance allows take-off and landing in less than 300 feet.

The aircraft is offered to homebuilder enthusiasts as a kit which meets the FAA 49/51 percent rule. The Sky Arrow kit is composed of 10 subkits which can be bought separately and incrementally.

For info contact **Pacific Aerosystems, Inc.:**  
5760 Chesapeake Court • San Diego, CA 92123  
Ph: (858)571-1441 • Fax: (858)571-0803

## ONE DESIGN



Aircraft Spruce & Specialty Company offers a complete set of plans for the single seat aerobatic aircraft known as the One Design. Created by Dan Rihn as an economical answer for pilots wishing to fly Basic through Advanced aerobatics, the One Design features quick, easy construction and excellent performance. Wings for the One Design are all wood, the fuselage is steel truss, covered with aluminum sheet from the firewall to the rear of the cockpit. The turtle deck is also aluminum and the lower half of the aft fuselage is fabric covered. The tail is fabric covered. A one piece aluminum spring gear is used for the main wheels and a steerable tailwheel is used. Power for the One Design is obtained from a 0-360 and modified with an inverted oil system, high compression cylinders and fuel injection. Stressed for +/- 10 Gs, the One Design has a max. level speed of 184 mph, and cruises with a 75% power setting at 160 mph.

**ONE DESIGN INFO PACK** - P/N 01-06005 .....\$10.00

**ONE DESIGN PLANS** - Complete construction drawings required to build the One Design aircraft from scratch or using pre-fabricated components.

P/N 01-06010-C .....\$375.00

**Note:** A signed License Agreement is required from the builder prior to shipment of plans. Include completed License Agreement with your payment.

## ONE DESIGN RAW MATERIALS KITS

Kit Description	Part No.	Price
Aileron Kit	01-02305	\$229.09
Engine Mount Kit	01-02310	\$93.70
Elevator-Stabilizer Kit	01-02315	\$149.57
Fin & Rudder Kit	01-02320	\$89.13
Fuselage Kit	01-02325	\$473.77
Wing Ribs Kit	01-02330	\$238.07
Wing Spar & Skin Kit	01-02335	\$2,105.37
One Piece Turtledeck	01-02349	\$485.00
Matching Fairing for Turtledeck	01-02350	\$220.00

Ask about pre-fabricated parts for the One Design.

For more information on the One Design contact:

**Aircraft Spruce & Specialty Co.**  
225 Airport Circle, Corona, CA 92880-2527  
Phone: (909) 372-9555 • Fax: (909) 372-0555

## THORP S-18



The S-18 folding wing aircraft is available as a plans or kit built aircraft. It is an all metal 2-place side-by-side aerobatic plane. The basic structure is the same as the proven T-18 Thorp with a wider and longer fuselage. Revised airfoil on the folding wing. Engines approved are

0-290 thru 0-360 allowing cruise performance from 160 to 180 mph.

For more information on the S-18 contact **Classic Sport Aircraft:**  
19426 Campbell Creek Dr., Springville, CA 93265  
Phone/Fax: (559) 539-2755 • E-mail: s18thorp@lightspeed.net

# AIRCRAFT KITS

## ACRO SPORT



Designed by Paul Poberezny as a successor to the EAA Biplane, the Acro Sport offers performance and excellent aerobatic capability in the Sportsman and intermediate categories. Purposely uncomplicated and straight forward, the Acro Sport design has been chosen by hundreds of schools for project Schoolflight programs. It has a wide landing gear which provides superb ground handling and easy landing qualities. Builders can choose powerplants ranging from 85 hp to 200 hp. Features steel tube fuselage, spruce wing and overall fabric covering which makes the project an easy one for first time builders with average skills. Maximum speed for this diminutive biplane is 180 mph, it cruises at 130 and stalls at 50. It has a rate of climb of 3,500 ft/min and a range of 350 miles. Info packs are \$10.50 and complete plans are \$125.00. Order from **Acro Sport Inc., Box 462, Hales Corners, WI 53130**. Free kit list on request.

### Acro Sport Kits

Complete Spruce Kit <b>\$494.12</b>	Washer Kit ..... <b>\$5.08</b>
Spar Kit ..... <b>\$515.76</b>	Metal Kit ..... <b>\$2,527.00</b>
Rivet Kit ..... <b>\$4.18</b>	Plywood Kit ..... <b>\$675.00</b>
Misc. Hardware Kit <b>\$1,893.00</b>	Bolt Kit ..... <b>\$48.09</b>
Nut Kit ..... <b>\$4.18</b>	Miscellaneous Kit..... <b>\$724.00</b>
Landing Gear ..... <b>\$1,072.00</b>	

*Note: All additional items such as tie rods, instruments, plumbing, avionics, etc. can be found in this catalog.*

## ACRO SPORT II



This versatile biplane offers the outstanding opportunity to experience open cockpit flying with a friend. Excellent aerobatic trainer with responsive controls and docile straight and level flight characteristics. Powerplants can range from 108 hp to 200 hp. Cruise at 123 mph (180 hp), stall at 53 and max out at 152. The wide gear, large wheels and outstanding roll rate make the Acro Sport a dream on the ground, nimble in the air and a cinch for smooth landings. Designed by EAA founding president Paul Poberezny, the Acro II will accommodate pilots up to 6' 6" and 240 pounds. As with all Acro Sport projects, the fuselage is welded steel tube, wings are spruce and Stits Poly-fiber is used for covering. Information packages are available for \$10.50 and full sets of plans run \$125.00 from **Acro Sport, Inc., Box 462, Hales Corners, WI 53130**. Free kit list on request.

### Acro Sport II Kits

Metal Kit ..... <b>\$3,588.76</b>	Clevis & Cotter Pin Kit .... <b>\$4.40</b>
Complete Spruce Kit .. <b>\$1,031.33</b>	Wood & Foam Kit..... <b>\$1,843.74</b>
Spar Kit ..... <b>\$535.65</b>	Rod End Kit..... <b>\$986.30</b>
Bolt Kit..... <b>\$62.15</b>	Misc. Hardware Kit ..... <b>\$151.70</b>
Nut & Nutplate Kit ..... <b>\$51.04</b>	Miscellaneous Kit ..... <b>\$1,493.00</b>
Washer & Rivet Kit ..... <b>\$16.54</b>	Landing Gear ..... <b>\$1,165.00</b>

*Note: Additional items such as tie rods, plumbing, instruments, avionics, etc. can be found throughout this catalog.*

## POBER PIXIE - SINGLE SEAT



Few light airplanes offer builders the simplicity and payoff in fun flying that comes with the Pixie. Another superb design by founding president of the Experimental Aircraft Association, Paul Poberezny. Similar in many respects to the Heath Parasol, the Pixie is a modernization of the helmet and goggle days of the 1930's. The large wing and full span ailerons make for easy flying. With minimal tail-dragger experience, the Pixie is a breeze to handle on the ground. Landings are gentle affairs, visibility in cruise is outstanding and using it with skis adds another dimension of fun. The fuselage is 4130 steel tube, wings are Sitka spruce, covering is with Stits Poly-fiber. This is a beginner's project for construction, with performance that will satisfy any level of proficiency ...up to ATP! Plans are highly detailed and the cost level is low. Can be powered with a VW conversion or Continental A-65. It cruises at 83 mph, stalls at 30, and climbs at 500 fpm. The Pixie has a no-reserve range of 290 miles with and empty weight of 543 pounds, gross is 900. An info pack is \$10.50, plans are \$1255.00 and both can be ordered from **Acro Sport, Inc., Box 462, Hales Corners, WI 53130**. Order your Pober Pixie materials kits form the approved supplier, Aircraft Spruce. Free kit list on request.

### Pober Pixie Kits

Metals Kit..... <b>\$1,718.00</b>	Washer and Nut Kit ..... <b>\$79.00</b>
Plywood Kit..... <b>\$272.00</b>	Cable & Cable Hdw. Kit..... <b>\$208.00</b>
Spruce Kit ..... <b>\$1,313.49</b>	Misc. Hardware Kit ..... <b>\$698.00</b>
Bolt Kit ..... <b>\$68.00</b>	Miscellaneous Kit ..... <b>\$769.00</b>

## POBER SUPER ACE - SINGLE SEAT



One of the many designs to come from the drawing board of EAA's founding President, Paul H. Poberezny, the Super Ace, is an ideal project for first time builders. It offers the excitement of open cockpit flying and excellent performance. With options for 85 hp to 150 hp, the Super Ace can meet a wide range of desires. The fuselage is a traditional 4130 steel tube frame that's covered with Stits Poly-fiber. The two-piece wing is made of Sitka spruce spars, ribs formed with 1/2" x 1/2" spruce caps and covering is again Stits Poly-fiber. Wing span is 27'-3 1/2", length is 18'5" and empty weight is 685 pounds with a useful load factor of 385 pounds. Using a C-85 on the prototype, cruise speed is 90 mph. Info packs on the Pober Super Ace are \$8.00, plans are \$125.00 and can be ordered through **Acro Sport, Inc., Box 462, Hales Corners, WI 53130**. Request a free brochure on the Super Ace from Acro Sport. Order your Pober Super Ace materials kits form Aircraft Spruce, the approved materials supplier. Free kit list on request.

# 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 cost \$125.00 and 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.

## GLASS GOOSE



The Glass Goose is a refined state of the art composite aircraft available in kit form. An amphibious aircraft opens up a whole new realm of opportunities for the sport pilot. The two place aircraft has an empty weight of 950 lbs and gross weight of 1,800 lbs. The aircraft has a cruise speed of 140 mph and a range of 1000 miles. Powerplant options include 160 hp Lycoming O-320 and 185 hp Subaru engines. Estimated build time is 1000 hours. Assembly instructions are clear and concise and you do not have to worry about doing welding and machine shop work. In fact, up to the final wing attachment, you can build the Glass Goose with common hand tools in a two car garage. Glass Goose Info packs, videos and kits are available from:

**Quikkit, Inc., 9002 Summer Glen #B, Dallas, TX 75243.**  
**Phone and fax (214) 349-0462**

**e-mail: quikkit@glassgoose.com • www.glassgoose.com**

## 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.**

**AIRCRAFT SPRUCE WEST**  
**CORONA, CA • (877) 4-SPRUCE**

## 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.

**Jim Kimball Enterprises, Inc.**  
**5354 Cemetery Rd., Zellwood, FL 32798**  
**Ph 407-889-3451 • Fax 407-889-7168**

**info@jimkimballenterprises.com • www.jimkimballenterprises.com**

## 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) 646-9446 • email: CorbyStarlet@juno.com**

Spruce Kit (minus spars) .....	P/N 02-04300 .....	\$791.74
2 Pc. Spar Kit .....	P/N 02-09000 .....	\$464.07
Plywood Kit .....	P/N 01-00381 .....	\$696.99

**AIRCRAFT SPRUCE EAST**  
**PEACHTREE CITY, GA • (877) 477-7823**

# AIRCRAFT KITS

## ROTORWAY EXEC 162 F



The Exec 162F provides style, speed, comfort, safety, reliability, proven performance and an award-winning design. The Exec 162F is produced by RotorWay International, the world's oldest and largest kit helicopter company. This piston-powered rotorcraft utilizes the most sophisticated technology available with a FADEC (Fully Automated Digital Electronic Control) system controlling and monitoring engine functions of the RI 162F fuel-injected power plant. Requiring as little as 300 hours to assemble, this comprehensive kit comes complete with everything but the paint and avionics. Also available to owners are detailed construction and maintenance video series as well as a flight-transitional training program. Tours and demonstration flights are available by appointment to interested buyers by calling the factory.

**For more information contact Rotorway International:**  
 4140 W. Mercury Way • Chandler, AZ 85226  
 Phone: (480) 961-1001 • Fax: (480) 961-1514  
 email: rotorway@primenet.com

## SAFARI



Designed for the ruggedness and reliability crucial for flying in remote areas, the Safari is powered by a Lycoming 160 Hp aircraft engine, maintaining the highly trustworthy flying abilities of this classic design. Formed from 4130 Chromoly aircraft steel tubing, pre-welded at the factory; featuring the maximum viewing characteristics of the certified Bell 47 bubble, this system is driven by gear and shaft, giving maximum performance. The main and tail rotor shafts are made from Titanium. Cruising speed is 80 mph with climb rate of 1,000 fpm & an operating ceiling of 10,000ft. Max. speed is 100mph.

**For more information contact Canadian Home Rotors:**  
 P.O. Box 370 • 4 Roy Street • Ear Falls, Ontario, POV ITO, Canada  
 phone: (807) 222-2474  
 e-mail: info@acehelicopter.com • www.acehelicopter.com

## RAF 2000



The performance specs of the RAF 2000, competitive price and one of the lowest operational costs (\$20-30 per hour) make it one of the most popular auto-gyros available today. The 2-place rotorcraft is available in kit form and comes in two versions, standard and GTX SE versions. The GTX SE includes a variety of performance enhancing options. Standard engine on both models is a 130 hp four cycle Subaru EJ22. Fuel Capacity for the RAF 2000 is 23 US gallons and fuel consumption is 6 gph at 80%. Engine, propeller and instrument packages are included in RAF kits. The RAF 2000 has a dry weight of 760 lbs. Performance specs for single occupant: Min. speed: 10-12 mph; Max. speed: 100 mph; Cruise: 80 mph; Take Off Roll: 0-75 ft.; Landing Roll: 0-10 ft.; Rate of Climb: 1200 fpm.

**For further information contact Rotary AF Rotorcraft:**  
 Box 1236 1107-9th St. W., Kindersley, SK, Canada S0L 1S0  
 Phone: (306) 463-6030 • Fax: (306) 463-6032  
 raf2000@sk.sympatico.ca • www.raf2000.com

## VOLMER VJ-22 AMPHIBIAN



The Volmer VJ-22 "Sportsman" is a two-place, side by side, closed cabin, highwing monoplane, amphibious flying boat. The original Sportsman was completed December 1958. The rigid, corrosion proof hull is made of 1/16 inch and 3/32 inch aircraft mahogany plywood with 1/4 inch plywood at the step for maximum strength and covered with fiberglass for added protection. Numerous testing from calm water to five foot swells in the open sea have proven the design to be both extremely airworthy and seaworthy. Wings are wood spar and ribs, fabric covered. It takes off from water at sea level in about 20 seconds. The VJ-22 is powered by a Continental C-85, starter and gen. It has a cruising speed 85 mph and stalls at 45 mph

**Volmer Club of America, 536 Oak Ave., Bridge City, La. 70094**  
 rjaflys@aol.com • www.volmeraircraft.com

VJ-22 Spruce Kit.....P/N 02-06000.....\$1,536.26

## KITFOX



With over 3,000 planes sold and delivered, the Kitfox from SkyStar Aircraft Corp. has become one of the most popular kit aircraft in the world. The Series-5 Kitfox is offered in a Taildragger version or with a Tricycle Gear. As with the Classic 4 Kitfox, it features roomy side-by-side seating, and exceptional flying qualities. Engines are available up to the 125hp Continental IO-240B. Aircraft Spruce is a prime supplier of components used in Kitfox kits.

**For further information contact SkyStar Aircraft Corporation:**  
 3901 Aviation Way, Caldwell, Idaho 83605  
 Phone (800) 554-8369 • Fax (208) 454-6464  
 info@skystar.com • www.skystar.com

## STEWART S-51D MUSTANG



The Stewart S-51D is an all aluminum 2-place scale reproduction of the North American S-51D Mustang. The aircraft features dual controls and is fully aerobatic. The S-51D utilizes liquid cooled engines ranging from 300 to 700 hp. The 91" diameter, constant speed four-blade Hartzell propeller is driven through spur gear reduction with a 0.469 (2.13:1) ratio. Using a 400 hp engine, the S-51D duplicates S-51 performance, except for top speed.

**For more info on S-51D kits contact PrecisionAero Engineering**  
 16130 Daphne Ave., Torrance, CA 90504  
 ph: (310) 323-5165

# AIRCRAFT KITS

## SUPER CRUISER



The Super Cruiser is a 4-place aircraft with a cruise speed of 190 mph and a stall speed of 59 mph. The aircraft has a length of 25.46 ft. and wing span of 29 ft. It has a gross weight of 2500 lbs. and a useful load of 1100 lbs. The prototype is powered by a Cont. IO-360ES. Lycoming engines from 160-200 HP are recommended and build time is 1200-1500 hours. Aircraft Spruce is a prime supplier for materials used in Super Cruiser kits.

## PULSAR



The Pulsar and Pulsar XP were designed by Mark Brown and offer great lightplane performance and economy in kit cost and operating expenses. These very popular kits are available in tailwheel or nosewheel configurations, and are easy to build and fly. Aircraft Spruce is a supplier of materials & components to Skystar for use in Pulsar kits.

**For further information contact:**  
**Pulsar Aircraft Corp. • El Monte Airport**  
**4233 N. Santa Anita Ave., Box #5 • El Monte, CA 91731**  
**Ph: (626) 443-1019 • Fax: (626) 443-1311**  
**info@pulsaircraft.com • www.pulsaircraft.com**

## VELOCITY



A recent addition to the Velocity line of high performance aircraft is the Elite XL. The XL – for “extra large” – combines all the great flying qualities of the canard type airplane with the largest cabin of all kit aircraft. Larger, in fact, than almost all the general aviation aircraft, including most twins – shoulder to shoulder width of 47.5. Compare this to a Mooney at 42.5”, the Bonanza/Baron at 42”, or the popular Cessna 182 which measures 44”. Longer length also allows for full size luggage in the aft baggage compartment. A larger engine is also used in the XL to provide even more performance. Expect a 200 kt cruise (230mph) on the popular and easy-to-find Lycoming IO 540, 260HP engine. Fuel burn on this engine at 65% power will yield a range of over 1300nm (1500sm), with a 30 minute reserve, using the optional 100 gallon fuel capacity (standard fuel capacity on the Elite XL is 70 gal). The XL kit, like the standard Elite & Elite LW, is available with fixed or retractgear. Two large gull wing doors are standard.

**For further information contact Velocity Aircraft:**  
**200 W. Airport Drive • Sebastian, FL 32958**  
**Ph: (772) 589-1860**  
**info@velocityaircraft.com • www.velocityaircraft.com**

## KR-1 and KR-2

The KR-1 (single place) and KR-2 (two place) were designed in the early 1970's by the late Ken Rand. These popular aircraft combine composite and wood construction to produce fast, efficient aircraft that remain good sellers year after year.

**Contact: Rand Robinson Engineering**  
**7071 Warner Ave. #F, Huntington Beach, CA 92647**  
**Ph: (714) 898-3811**

**www.fly-kr.com • e-mail: pilot@beegroup.com**

KR-1 Complete Spruce Kit.....P/N 02-05400 .....	<b>\$725.81</b>
KR-2 Complete Spruce Kit.....P/N 02-05500 .....	<b>\$866.91</b>
KR-2S Complete Spruce Kit .....	<b>\$753.11</b>



## SKYBOLT



The Skybolt is a 2 place fully aerobatic biplane which is also an excellent cross country aircraft. It is larger and easier to handle than smaller biplanes, and construction can be completed with hand tools by first time builders. Aircraft Spruce has provided materials for many Skybolt builders around the world for over 20 years.

**Contact: Steen Aero Lab, 1451 Clearmont St NE,**  
**Palm Bay, FL 32905 • Ph (321) 725-4160 • Fax (321) 725-3058**

Complete Spruce Kit .....	P/N 02-05700 .....	<b>\$1,112.57</b>
Spruce Spar Kit .....	P/N 02-07900 .....	<b>\$874.53</b>
4130 Steel Kit .....	P/N 03-15500 .....	<b>\$2,156.08</b>

# AIRCRAFT KITS

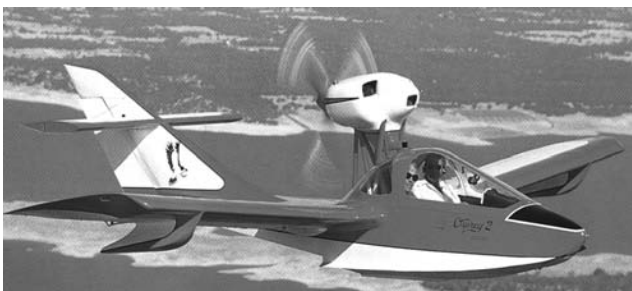
## GP-4



Designed by George Pereira, the GP-4 is a high performance two place side-by-side kit aircraft which is a fast, efficient cross country performer. Construction is primarily of wood and steel. The GP-4 is becoming the choice of many builders seeking a solid, traditionally constructed scratch built aircraft.

Complete Spruce Kit .....P/N 02-25200 .....**\$2,892.50**  
 4130 Steel Kit .....P/N 02-25210 .....**\$593.64**  
 Plywood Kit .....P/N 02-00078 .....**\$2,744.80**

## OSPREY



The Osprey is a 2-place amphibian aircraft with fully retractable landing gear. The Osprey utilizes wood and steel construction and is ideal for the first time builder seeking well presented plans, ease of construction, and the versatility of an amphibian aircraft.

**Osprey Aircraft**  
 3741 El Ricon Way  
 Sacramento, CA 95825

[gp-4@juno.com](mailto:gp-4@juno.com) • [www.ospreyaircraft.com](http://www.ospreyaircraft.com)

Complete Spruce Kit .....P/N 02-05100 .....**\$3,567.75**  
 Osprey Clear Canopy .....P/N 05-01162 .....**\$375.00**  
 Osprey Tinted Canopy.....P/N 05-01163 .....**\$425.00**  
 Picture Decal Left Black ....P/N 09-43813.....**\$8.95**

*Wing and Aileron spars are furnished to net dimensions, not beveled.*

## BREEZY



Designed by Carl Unger the Breezy was first introduced in 1965, and hailed as one of the most distinctive and unusual homebuilt designs to ever attend an EAA Fly-in. Though there have been a lot other designs, particularly homebuilts, that embody the open cockpit which trademarks a Breezy, nothing can surpass it for the view and fresh air feeling. The original Breezy was designed and built to accept a set of PA-12 wings. For that reason, there are no wing drawings with the plans. It is possible to substitute PA-14, PA-18, or J-3,4, or 5 wings. It's also possible to order wing kits that replicate a J-3 wing. Power for the prototype, which now hangs in the EAA Aviation Museum in Oshkosh, WI, is a Continental C-90. The Breezy will carry a pilot and two passengers. Contact Aircraft Spruce for FREE Kit List.Plans can be purchased through the designer for \$95.00.

**Carl Unger, 8751 S. Kilbourn, Oak Lawn, IL 60456 PH: (708) 636-8774**

Misc Hdwe kit .....P/N 01-30010 .....**\$420.42**  
 Breezy Steel Kit .....P/N 01-30020 .....**\$2,561.27**  
 Breezy Aluminum Kit .....P/N 01-30030 .....**\$129.78**

## AVIAT



Aviat offers an outstanding line of aircraft including the Husky A-1 and Pitts Special. The Husky A-1 is an exceptional STOL aircraft and the Pitts Special is one of the most successful and popular aerobatic biplanes in the history of aviation. Aircraft Spruce is a prime supplier of components used in Aviat's production.

**Aviat, Inc., 672 S. Wahington St.**  
 P.O. Box 1149, Afton, WY 83110  
 Phone (307) 886-3151

[aviat@aviataircraft.com](mailto:aviat@aviataircraft.com) • [www.aviataircraft.com](http://www.aviataircraft.com)

## LIONHEART



Lionheart is an elegant and spirited, 220+ mph, six place, long distance cruiser. Its design is inspired by the classic Beech Staggerwing. The aircraft's primary structure consists of high temperature glass and carbon composites molded in precision production tooling. Lionheart's powerplant is the reliable and powerful 450HP Pratt & Whitney R-985 Wasp Jr. Radial engine. Fuel capacity is 180 gallons with a range of around 1450nm. Payload is around 2,000 pounds. Stall characteristics are in the mid-fifty knot range. Estimated building time is 2500-3000 hours.

**Griffon Aerospace, Inc.**  
 301-C Nick Fitchard Rd. • Huntsville, AL 35806  
 Ph. (256) 859-3880 • Fax (256) 859-3497  
[info@griffon-aerospace.com](mailto:info@griffon-aerospace.com) • [www.griffon-aerospace.com](http://www.griffon-aerospace.com)

# AIRCRAFT KITS

## 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  
 Ph: (862) 658-9286 • e-mail: [acole@interaccess.com](mailto:acole@interaccess.com)  
 Spruce Spar Kit .....P/N 02-06800 .....\$496.00

## HONEY BEE



The H-2 Honey Bee is a lightweight aerobatic biplane first flown in 1986. With the H-2, designer Bert Howland introduced the technique of TIG-welding the fuselage from square 6061-T6 aluminum tubing, yielding a strong and rugged fuselage frame that weighs only 24 pounds. The airfoil on the 4 equal span wings is 6-1/2" thick and features 7 aluminum-capped foam ribs per panel with a D-cell leading edge spar and a C-section rear spar. Design load factor is +8g to -6g. Two or four aileron options are offered in the plans. With the 4 aileron option, an engine of at least 65 hp, and an inverted fuel system, the H-2 is suitable for competition aerobatics up to the IAC intermediate level. The aircraft has been powered with engines from 40 to 95 hp. Homebuilder plans cost \$250 and consist of 40 engineering drawings and designer construction notes.

## H-3 PEGASUS



The H-3 Pegasus is a low-wing, open cockpit monoplane by noted lightweight sportplane designer Bert Howland. It features a lightweight fuselage, based on TIG-welded, square aluminum tubing, that weighs only 18 pounds. The internal construction of the wings features a cantilevered design that eliminates struts and cables. Powerplant range is 28 hp to 55 hp. The prototype H-3 first flew in 1988 and won the "The Most Innovative Ultralight" award at Sun 'N Fun 1989. The design was also designated "Best Commercial Ultralight" at the 1990 event. The H-3 is not an ultralight vehicle as defined in FAR Part 103. Gross weight of the Pegasus is between 500 and 595 lbs. Pegasus plans cost \$250 and are available from Classic Aero Enterprises. Call Aircraft Spruce to obtain a complete kit list of construction materials.

**Classic Aero Enterprises**  
 343 Wrexham court #101D, Hampton, VA 23669  
 Phone (757) 851-2856  
[www.classicaero.com](http://www.classicaero.com)

## 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 engine 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 • ph: (831) 649-6212

## 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.

**Contact David R. Bowers:**  
 13730 Burke Road, Los Altos Hills, CA 94022-3549  
 ph: (206) 937-5736 • [Http://www.bowersflybaby.com](http://www.bowersflybaby.com)

## NUVENTURE



The all-metal, roomy, fast, kit-built NuVenture (formally Questair Venture) was the winner and fastest plane at the Aircraft Spruce-sponsored 1998 Sun 'n Fun Sun100 race with an average speed of 303 mph. The NuVenture flies on a Cont. 10-550-G with empty weight of 1240 lbs. The fuel tank holds 56 gallons. Vso is 61 KIAS. Range 12,000' is 1,000Nm, VFR w/reservers or a cruise of 240 KTAS of 138 ph of fuel. Aircraft Spruce & Specialty Co. is a prime supplier of components for the Nuventure.

**NuVenture • 4184 W. Kelley • Fresno, CA 93722**  
 Phone/Fax: (559) 447-1112  
[nuventureaircraft@cs.com](mailto:nuventureaircraft@cs.com) • [www.nuventureaircraft.com](http://www.nuventureaircraft.com)

# AIRCRAFT KITS

## 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 jig-less 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.

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

## DRAGONFLY



This low-cost two-place homebuilt sport plane features a canard design with exceptional stall resistance and low wing loading to produce exciting performance from a VW-based design. Won the "Best New Design" award at Oshkosh in 1980. Cruise speed is 165 MPH on only 3.5 GPH. The clear, concise plans are written for first-time builders and factory assistance and builder support are excellent. Aircraft Spruce & Specialty Co. is a factory authorized distributor for Dragonfly kits and materials. For Dragonfly plans, contact:

**Slipstream Ind. • W 8407 Cottonville Dr. • Wautoma, WI 54982**  
**Ph: (920) 787-5886 • Fax: (920) 787-5715**  
**www.slipstreamind.com • e-mail: flygenesis@aol.com**

## HB207 ALFA



The Alfa is a European kit built aircraft. The Alfa is an all-metal low-wing, tri-cycle gear airplane with side-by-side seating. The aircraft is 19.35ft in length and has a wing span of 29.5 ft. Suggested engine for the plane is a 110 HP Volkswagen Porsche G 2 2.400 air cooled boxer engine. The HB207 cruises at 140 kts with an fuel burn of 3.5 US Gal/hr and stalls (flaps down) at 40 kts. It features a 5 blade constant speed prop, retractable landing gear, and detachable wings.

**For more info contact Alfa Service Team GmbH:**  
M hlgarten 22, D-99094 Erfurt M bisburg Germany  
Ph +49-4403-939-187 • Fax: +49-4403-64929  
vertrieb@hb207alfa.com • www.hb207alfa.com

## 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.**

## 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 O540 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., P.O. Box 6533,**  
**Lynnwood, WA 98036-0533 425-478-3655**  
**barracuda@siersflight.com www.siersflight.com**

Plywood Kit ..... P/N 01-00577 ..... **\$2,242.78**  
Spruce Spar Kit ..... P/N 01-00617 ..... **\$672.35**

## CELERITY



The Celerity is a high performance, 2-place side-by-side kit airplane with fully retractable landing gear, including the tail wheel. It can also be built with fixed tricycle gear. Constructed primarily of wood with fiberglass covering, the graceful Celerity cruises in the 200 mph range on 160 hp and has a range of over 900 miles. Engines range from 150 to 180 hp. The Celerity has a wing span of 25ft. and it is 21ft, 10" in length. The builder has the choice of carrying all the fuel in the wing, or sleek tip tanks can be installed. Complete landing gear assemblies and other finished components are available from Mirage Aircraft. Five construction videos are also available. The Celerity was designed by Larry Burton, who flew the prototype in 1985 and won an Oshkosh workmanship award that same year. The prototype has accumulated over 900 hours. It is designed to be built by the average person, with average skills, at low cost, yet perform as well as the most expensive kit airplanes in its class. "Fast with class!" is the motto. Complete Celerity materials kits are available from Aircraft Spruce. Request free kit list. Celerity Plans are available from:

**Mirage Aircraft, Inc.**  
**1625 Avenida De Las Americas, Tucson, AZ 85704**  
**Ph: (520) 219-5836**  
**celernity1@mindspring.com • www.mirage-aircraft.com**

# AIRCRAFT KITS

## CULP SPECIAL



Everything about the Culp Special was meant to bring about that 1930's airshow airplane feeling. Working with Hale Wallace of Steen Aerolab, Steve Culp redesigned the Skybolt and developed the modifications necessary for this round engine aircraft. The Culp Special is a fully aerobatic bi-plane using a 360 hp 9-cylinder Russian M-14P radial engine, the same engine used in the Sukhoi and Yak series aircraft. The aircraft is built using tube, wood and fabric construction materials. The two seat aircraft has an empty weight of 1480 lbs., a cruise speed of 150 mph and range of 600 sm. Aircraft Spruce is a major supplier of materials for the Culp Special. For more information on plans and kits contact:

**Culp Specialties, 1530 Airport Dr #3, Shreveport, LA. 71107.**  
**Phone: (318) 222-0850**  
**culpspecial@yahoo.com • www.culpspecialties.com**

## FOUR WINDS AIRCRAFT



Four Winds aircraft are a revolutionary new design offering performance, passenger comfort, and safety. The combination of a composite fuselage, a 4130 chromoly steel cage, a strutless, high performance wing make the aircraft one of the fastest, safest, all around useful 4-place, piston-powered aircraft available. This four seater has a door for each seat allowing great access for people and cargo, making it a true sport utility vehicle. The Fourwinds is available with three different engine options: Lyc.IO-360, 200hp Franklin Engine or Turboprop and it comes in retractable, taildragger and float versions.

**For more info contact Four Winds Aircraft, LLC. at:**  
**1501 Airway Cir., New Smyrna Beach, FL 32168**  
**Phone: (386) 426-7795 • Fax: (386) 426-5339**  
**Info@FourWindsAircraft.com • www.fourwindsaircraft.com**

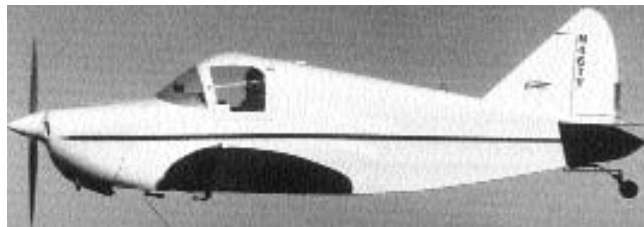
## NEXAER LS1



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**

## CADET STF



The Culver Cadet was one of the best performing light planes ever built. The production 2-place low wing Cadet was powered by a 75hp Continental engine and cruised at 120mph. After much design and analysis, Neal La France now offers plans for a homebuilt version of the Cadet. The Cadet STF features a steel tube, fabric covered fuselage instead of the production wood fuselage. A considerable weight savings and double the strength was obtained with the new design. Prototype is powered by a 100 hp Continental engine.

**Aero Systems, 5353 Aztec Dr., #13, La Mesa, CA 91942**  
**Phone: (619) 460-2494 • cadetsf@msn.com**

## EASY EAGLE 1



Design lines out of the past with the performance of today. With a 64 hp VW engine the Easy Eagle cruises at 100mph and has a stall speed of 45mph. The Easy Eagle features a fabric covered fully welded steel frame combined with an all wood wing. It has a one piece landing gear and fully steerable tail wheel for easy ground handling. Takeoff run and landing roll are both approx 300ft. Aircraft Spruce supplies full materials kits for Easy Eagle. Contact us for free kit list.

**For info packs, video, and plans contact:**  
**Grosso Aircraft**  
**229 Yarrow Hill Dr., Cottage Grove, WI 53527**  
**Phone: (608) 839-3694 • e-mail: info@akrotech.com**

## P-51 CARBON FIBER MUSTANG



The P-51 is a full size Carbon Fiber Mustang manufactured by Cameron and Son's Aircraft. This aircraft is available with a 1450 hp turbine, or can be fitted with a Rolls Merlin. It is capable of speeds in the mid 400mph range. There are three options on the canopy, the standard P-51D, a 9ft. bubble, or a low profile racing canopy. Also available are standard P-51D wing tips. The cockpit features dual controls. The kit is built from 12 major components, making it the fewest part count aircraft of its kind.

**For more info on P-51 contact Cameron and Son's Aircraft:**  
**Coeur d'Alene Airport**  
**Phone: (208) 765-995 • Fax: (208) 765-9415**  
**www.cameronaircraft.com • e-mail: mustangmurdo@cs.com**