

# KIT AIRCRAFT DIRECTORY

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When *Pilot* last ran a directory of kit aircraft in December 1980, we listed 41 aircraft. In this most recent survey of the marketplace we list more than twice as many. The growing ranks of kit vendors give some indication of the increasing interest in this segment of aviation. Many of these kits, however, represent growth versions of ultralight designs.

Only those kits deemed by *Pilot* editors to be substantially complete are in the directory. These are kits that include all materials, components and hardware necessary to complete a building project, less engine, propeller and certain other items easily obtainable through aviation supply houses, such as wheels, brakes and flight instruments.

We based our selections on information supplied by kit vendors in the form of questionnaire responses, information packets and telephone interviews. All directory data were supplied by designers or kit vendors that responded by press time to written or telephone queries.

It should be borne in mind that our definition of a kit aircraft is broad enough to encompass even those kits that supply mainly raw materials, such as metal and wood stock or fiberglass cloth and a bucket of epoxy. These kits require extensive fabrication of parts and can be quite time-consuming to build. They are considerably different projects from those kits that provide many prefabricated components.

Few, if any, kits are complete down to the last detail. If you want an idea of what a very complete kit aircraft is like, send away to Christen Industries of Afton, Wyoming, for an information packet on the Christen Eagle II. Virtually every part

you need to build one is included in the kit; the instructions are a model of readability, and the design is well tested (see "Christen Eagle II," May 1982 *Pilot*, p. 40). Consider the Eagle II a yardstick against which to measure other aircraft kits.

What is included here should be regarded as a reference for comparing makes and models and a starting point for research into particular aircraft. Addresses for manufacturers are listed on page 79. Ultralights have not been included in this directory; an ultralight directory is planned for a future issue.

The directory is arranged alphabetically by manufacturer's name. The configuration (for example, biplane, amphibian or gyrocopter) is listed in the second column. Kits that the FAA has determined meet the 51-percent homebuilt construction rule are denoted by a dagger symbol (†) next to the aircraft model name. Many raw materials kits have not been evaluated by the FAA for compliance with the 51-percent rule because it is readily apparent that they require the homebuilder to do the vast majority of the construction work. If a kit-built aircraft is not on the FAA's 51-percent list, a local FAA inspector can determine its compliance with amateur-built construction rules (see "Kitregs," p. 58).

For many kit-built airplanes, designers recommend a range of engine selections. Many builders select engines that are not among the recommended engines. In the directory, the engine specified for each airplane is the one used in determining weight and performance figures. Most aircraft kits do not include engines and propellers. Those that do are indicated by an asterisk (\*) next to the kit price. —*J. Jefferson Miller*

Manufacturer Model designation Model name	Configuration (landing gear) Seats	Construction materials	Wingspan Length Height (ft)	Powerplant: Manufacturer Model hp	Fuel capacity: Standard Optional (gal)	Gross Weight Empty Weight (lb)	Max. speed Cruise speed (kt)	Range: Standard Optional (nm)	Rate of Climb @ sea level (fpm)	Stall speed: Clean Landing config. (kt)	Kit price (plans price) Construction time (hrs)
<b>ACRO SPORT, INC.</b> Acro Sport II	Biplane (fg) 2	Steel tube, wood, wire	19.58 17.50 6.00	Lycoming IO-360 180	20 —	1,350 875	130 126	300 —	1,000	46 46	\$11,000 (\$85) 1,800
<i>Materials, welded assemblies, molded parts available from Wag-Aero, Inc. and Wicks Aircraft.</i>											
<b>ADVANCED AVIATION, INC.</b> B447 King Cobra †	Monoplane, tricycle (fg) 2	Aluminum tubing, fabric	34.67 17.92 8.25	Rotax 447 43	5 10	775 325	65 43	65 130	550	27 27	*\$6,969 — 60
<i>Includes aluminum bolt-together tubing, dacron wing coverings.</i>											
<b>ADVANCED AVIATION, INC.</b> XA 350 Buccaneer	Amphibian (rg) 1	Aluminum tubing, fiberglass, fabric	33.50 19.17 7.58	Rotax 377 35	4.25 —	600 318	62 48	87 —	750	23 23	*\$8,383 — 60
<i>Includes aluminum tubing, dacron wing coverings, fiberglass molded hull.</i>											
<b>AERO COMPOSITES, INC.</b> Sea Hawker	Amphibian (rg) 2	Fiberglass, Kevlar, graphite	24.00 21.50 7.50	Lycoming O-320 160	70 —	1,600 850	136 126	1,200 —	1,100	43 36	\$12,950 (\$250) 1,200
<i>Includes welded and molded parts.</i>											
<b>AEROCAR, INC.</b> COOT-A	Amphibian (rg) 2	Wood, metal, fiberglass	36.00 22.00 8.00	Franklin 335 180	45 —	1,950 1,450	120 NA	500 —	800	50 40	\$4,500 (\$150) 2,000
<i>Kit includes some welded, machined metal assemblies and molded parts. Additional parts available from Spencer Aircraft Industries and Wicks Aircraft.</i>											

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<b>AIR COMMAND MFG., INC.</b> 532 Commander ELITE	Gyrocopter (fg) 2	Metal, fiberglass	23.00 10.67 7.00	Rotax 532 65	5 10	735 270	87 61	87 165	1,200	—	*\$6,300 — 24 <i>Includes completed metal assemblies.</i>
<b>AIRCRAFT DESIGNS, INC.</b> HA-2M Sportster	Gyrocopter (fg) 2	Metal, fiberglass	28.00 12.00 7.67	Lycoming O-320 150	12 —	1,100 680	83 57	104 —	700	—	\$10,000 (\$180) 1,000
<b>ALPHA AVIATION SUPPLY CO.</b> J-1B	Monoplane, tailwheel (fg) 1	Wood, foam, fiberglass	25.00 16.00 4.58	VW 1835 60	12 —	650 370	110 100	400 —	800	36 36	\$1,648 (\$95) 1,200
<b>AMSN AVIATION, INC.</b> MFI-9HB	Monoplane, tricycle (fg) 2	Metal	24.33 19.17 6.58	Continental O-200 100	21 —	1,268 750	126 126	435 —	900	49 49	\$9,650 — 1,000 <i>Includes welded and machined metal components.</i>
<b>BARNETT ROTORCRAFT CO.</b> J4B Barnett	Gyrocopter (fg) 1	Metal, fiberglass	23.00 12.33 7.59	Continental C-85 85	15 —	850 441	130 105	250 —	1,000	—	\$5,040 (\$100) 300-500 <i>Welded assemblies and fiberglass parts available from company.</i>
<b>BENSEN AIRCRAFT CORP.</b> TM B80 Bensen Gyrocopter	Gyrocopter (fg) 1 or 2	Aluminum	21.00 7.00 5.00	McCulloch 4318 90	6 12	500 250	82 64	120 200	1,000	—	\$5,493 (\$100) 300 <i>Finished rotor blade and other assemblies included. Engine available from the company.</i>
<b>KEN BROCK MFG.</b> KB-2 Gyroplane	Gyrocopter (fg) 1	Aluminum, steel	22.00 11.25 6.67	McCulloch 4318 90	8.8 —	600 235	78 61	125 —	1,200	—	*\$7,100 (\$75) 40-50 <i>Includes welded and machined assemblies.</i>
<b>BUSHBY AIRCRAFT, INC.</b> M-1 Midget Mustang	Monoplane, tailwheel (fg) 1	Aluminum	18.50 16.42 4.50	Lycoming O-320 150	15 30	1,000 620	210 210	525 1,050	2,200	54 51	\$2,160 (\$85) 900 <i>All metal stock included, plus some formed metal parts.</i>
<b>BUSHBY AIRCRAFT, INC.</b> M-II Mustang II	Monoplane, tailwheel (fg) 2	Aluminum	24.33 19.42 5.25	Lycoming O-360 180	25 60	1,600 975	212 210	600 1,425	2,200	59 57	\$2,200 (\$175) 1800 <i>All metal stock included, plus some formed metal parts.</i>
<b>CDX AVIATION SALES</b> SAL P-51D Mustang	Monoplane, tailwheel (rg) 2	Wood, fiberglass, metal	24.83 22.50 7.00	Ranger L-440-C5 200	25 67	2,180 1,420	196 153	326 720	1,850	62 57	\$9,586 (\$300) 1,300 <i>Kit includes wood and metal stock. Some welded and molded components available as options.</i>
<b>CHRISTEN INDUSTRIES, INC.</b> Christen Eagle II †	Biplane (fg) 2	Wood, metal, fiberglass	20.00 18.75 6.50	Lycoming AEIO-360- A1D 200	25 —	1,520 1,050	160 143	304 —	2,120	50 50	\$29,900 — 1,500 <i>Includes welded, formed metal assemblies, completed wooden wing ribs, electrical system and instruments. Engine available from Christen Industries at additional cost.</i>
<b>CHRISTEN INDUSTRIES, INC.</b> S-1S PITTS SPECIAL	Biplane (fg) 1	Wood, metal, fiberglass	17.00 15.50 5.50	Lycoming AEIO-360- B1A 180	25 —	1,250 750	139 113	321 —	2,500	50 50	\$19,000 — 1800-2500 <i>See notes for Christen Eagle II.</i>
<b>CHRISTEN INDUSTRIES, INC.</b> S-1T PITTS SPECIAL	Biplane (fg) 1	Wood, metal, fiberglass	17.00 15.50 5.50	Lycoming AEIO-360- A1E 200	25 —	1,330 1,100	162 143	304 —	2,800	50 50	\$19,500 — 1,800- 2,500 <i>See notes for Christen Eagle II.</i>
<b>CHRISTEN INDUSTRIES, INC.</b> S-2A PITTS SPECIAL	Biplane (fg) 2	Wood, metal, fiberglass	20.00 18.75 6.50	Lycoming AEIO-360- A1E 200	25 —	1,520 1,050	152 139	304 —	2,050	50 50	\$22,900 — 1,800- 2,500 <i>See notes for Christen Eagle II.</i>
<b>CHRISTEN INDUSTRIES, INC.</b> S-2S PITTS SPECIAL	Biplane (fg) 1	Wood, metal, fiberglass	20.00 18.75 6.50	Lycoming AEIO-540- D4A5 260	29 —	1,520 1,100	162 143	352 —	2,800	50 50	\$21,900 — 1,800- 2,500 <i>See notes for Christen Eagle II.</i>

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DENNEY AEROCRAFT CO. Kitfox †	Monoplane, tailwheel (fg) 2	Steel, fiberglass, fabric	31.33	Rotax	9.75	850	78	266	990	32	*\$9,595
			16.92	503	21.75	390	73	600	29	—	
250-400 Includes all welded assemblies.											
DIEHL AERO-NAUTICAL XTC Hydroflight †	Amphibian (rg) 1	Fiberglass, wood	32.00	KFM	5	600	70	87	600	28	*\$8,000
			15.00	107ER	10	330	52	174	28	—	
500 Includes molded parts.											
EARTHSTAR AIRCRAFT, INC. DU1H Ultra Gull Deluxe Homebuilt	Biplane, tricycle (fg) 1	Steel, aluminum, fiberglass, fabric	20.00	Rotax	10	500	132	350	1,550	27	\$4,780
			10.00	532	—	232	123	—	27	—	
140-190 Includes welded, formed metal assemblies.											
EARTHSTAR AIRCRAFT, INC. LC1H Laughing Gull	Monoplane, tricycle (fg) 1	Fiberglass, steel, fabric, aluminum	27.25	Rotax	10	600	78	300	1,100	23	\$5,470
			18.75	447	—	285	66	—	23	—	
200-250 See notes for Earthstar DU1H Ultra Gull Deluxe.											
EARTHSTAR AIRCRAFT, INC. T2H Laughing Gull II	Monoplane, tricycle (fg) 2	Fiberglass, steel, fabric, aluminum	32.00	Rotax	10	850	93	220	800	26	\$6,500
			20.00	532	—	400	74	—	26	—	
200-300 See notes for Earthstar DU1H Ultra Gull Deluxe.											
EIPPER INDUSTRIES GT400	Parasol, tricycle (fg) 1	Metal, fabric	30.00	Rotax	5	520	53	74	900	25	*\$7,995
			19.80	447	—	278	50	—	23	—	
80											
FISHER FLYING PRODUCTS FP-202 Koala †	Monoplane, tailwheel (fg) 1	Wood, aluminum, fabric	29.83	Rotax	5	500	70	150	1,100	23	*\$4,700
			17.75	447	10	260	65	300	23	—	
250-300 Includes welded assemblies, wood, fabric.											
FISHER FLYING PRODUCTS FP-404 †	Biplane (fg) 1	Wood, aluminum, fabric	18.00	Rotax	5	540	70	105	800	26	*\$4,498
			14.50	503	10	275	63	210	26	—	
250-300 Includes welded assemblies, wood, fabric.											
FISHER FLYING PRODUCTS Super Koala †	Monoplane, tailwheel (fg) 2	Wood, aluminum, fabric	31.00	Rotax	5	740	70	90	700	29	*\$5,798
			18.08	503	10	335	65	180	26	—	
350-400 Includes welded components, wood, fabric. "Quick-build" kit with many completed wooden assemblies available at additional cost.											
FREEDOM MASTER CORP. Air Shark I	Amphibian (rg) 4	Fiberglass, Kevlar, Nomex honeycomb	33.20	Lycoming	110	2,600	180	1,500	1,600	56	\$26,000
			22.75	IO-360	—	1,250	180	—	50	(\$350)	
1,500-2,000 Includes welded and precut metal assemblies, molded composite parts, gear retraction system, wheels and brakes. Electrical system and instruments not included.											
INAV, LTD. Monerai †	Self- launching Sailplane (fg) 1	Metal, fiberglass	36.00	Konig	2	590	65	65	500	35	*\$4,150
			19.58	SC430	—	220	65	—	34	(\$200)	
700 Includes welded, machined assemblies, molded fuselage, electrical system, instruments.											
INAV, LTD. Moni/Moni Tri-Gear †	Motorglider (fg) 1	Metal	27.50	KFM	4	600	104	261	500	33	*\$6,300
			15.00	107	6	280	91	480	33	*\$6,720	
(Tri-Gear) 500											
Includes welded, machined components, molded parts, electrical system, instruments.											
INAV, LTD. Sonerai I	Monoplane, tailwheel (fg) 1	Metal, fabric	16.67	VW	10	750	148	250	1,000	38	\$3,870
			16.67	Aero Vee	—	450	130	—	38	(\$50)	
700 Kit includes welded, machined, molded assemblies, electrical system and instruments.											
INAV, LTD. Sonerai II, IIL, IILT	Monoplanes (fg) 2	Metal, fabric	18.67	VW	10	1,150	148	300	800	38	\$4,661
			18.67	2180	18	520	130	522	38	(\$75)	
750 See notes for Sonerai LTS.											
INAV, LTD. Sonerai II LTS	Monoplane, tailwheel or tricycle (fg) 2	Metal, fabric	18.67	VW	10	1,150	148	300	700	44	\$7,464
			20.33	Aero Vee	18	540	130	522	44	(\$120)	
750-800 Kit includes welded fuselage and other completed metal assemblies, molded parts, electrical system and instruments.											

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KEN KNOWLES SPORT AIRCRAFT, INC. T-18CW Super Delta Hawk	Monoplane, tailwheel (fg) 2	Steel, aluminum fabric	20.83	Lycoming O-230 150	29	1,600	160	530	1,200	58	\$11,000-
			19.33		53	923	168	970	54	\$12,000	
			5.08		150					2,500	
<i>Kit includes aluminum sheet, some welded components and molded parts. No pilot operating manual.</i>											
KOLB COMPANY, INC. Kolb Twinstar	Parasol, tailwheel (fg) 2	Steel, aluminum fabric	30.00	Rotax 503 47	5	720	70	82	800	58	*\$5,595
			20.92		—	310	57	—	54	—	
			5.57		47					200	
<i>Includes welded assemblies.</i>											
LIGHT AERO, INC. Avid Amphibian	Amphibian (fg) 3	Steel tubing, aluminum, fabric	36.00	Rotax 532 65	17.5	1,200	70	250	940	33	*\$11,495-
			19.42		—	560	65	—	33	\$12,495	
			5.75		65					400-600	
<i>See notes for Avid Flyer.</i>											
LIGHT AERO, INC. Avid Flyer †	Monoplane, tailwheel (fg) 2	Steel tubing, aluminum, fabric	29.83	Rotax 532 65	9	850	93	200	1,400	25	*\$8,995
			17.00		—	380	76	—	25	—	
			5.58		65					250	
<i>Includes welded assemblies, molded parts, finished wood components.</i>											
LIGHT MINIATURE AIRCRAFT LM-IX	Monoplane, tailwheel (fg) 1	Metal, wood, fabric	30.00	Rotax 377 35	5	550	65	122	550	24	*\$5,550
			17.50		10	285	59	209	24	—	
			5.58		35					250-300	
<i>Includes welded assemblies, molded parts.</i>											
LOEHLE AVIATION, INC. 5151 Mustang	Monoplane, tailwheel (fg) 1	Wood	27.42	Rotax 503 48	5	700	87	175	800	24	*\$5,151
			22.83		15	397	65	525	28	—	
			5.92		48					350	
<i>Includes wood stock, welded landing gear.</i>											
NATIONAL AERONAUTICS & MFG. CO., INC. 111M Cassutt	Monoplane, tailwheel (fg) 1	Steel tube, wood, fiberglass, fabric, aluminum	15.00	Continental C-85 85	14.5	800	174	490	1,500	60	\$6,000
			16.00		—	550	156	—	60	(\$90)	
			4.00		85					1,500-2,000	
<i>Welded assemblies, molded parts and finished ribs and spars available from the company.</i>											
NEICO AVIATION, INC. 200 Lancair †	Monoplane, tricycle (rg) 2	Fiberglass, graphite, Nomex honeycomb	23.50	Continental O-200 100	30	1,400	184	960	1,400	51	\$15,500
			19.50		—	725	176	—	48	(\$210)	
			6.10		100					800-1,000	
<i>Welded, machined components and molded air frame parts included.</i>											
NOSTALGAIR, INC. N3 Pup †	Monoplane, tailwheel (fg) 1	Wood, metal, fiberglass	30.67	Global 7892 35	12	1,625	74	450	700	24	*\$9,000
			16.67		—	330	69	—	24	—	
			5.00		35					150	
<i>Includes welded assemblies.</i>											
NUWACO AIRCRAFT CO. T-10 Nuwaco	Biplane (fg) 3	Steel tube, wood, fabric	30.25	Jacobs R755B2 275	60	2,600	122	650	1,850	44	\$22,175
			22.83		94	1,760	113	900	44	(\$250)	
			8.83		275					1,200	
<i>Includes all welded assemblies except engine mounts, which are available as an option.</i>											
BARNEY OLDFIELD AIRCRAFT CO. N-181H Baby Great Lakes	Biplane (fg) 1	Wood, metal, fabric	16.67	Continental C-85 85	12	850	117	250	1,500	55	\$7,449
			13.75		21	480	103	400	55	(\$125)	
			4.50		85					750	
<i>Includes all welded assemblies and propeller.</i>											
OSPREY AIRCRAFT Osprey 2	Amphibian (rg) 2	Wood, fiberglass	26.00	Lycoming O-320-A2-B 150	27	1,570	122	300	1,200	56	\$9,700
			21.00		36	960	119	350	54	(\$165)	
			5.67		150					1,700-2,300	
<i>Materials kit available from Wicks Aircraft Supply. Includes some welded, premolded components. No pilot's operating manual.</i>											
PAZAMY AIRCRAFT CORP. PL-2 Pazamy	Monoplane, tricycle (fg) 2	Metal	28.00	Lycoming O-320-E2D 150	25	1,447	133	330	1,700	52	\$6,000
			19.29		45	902	118	594	47	(\$180)	
			8.46		150					3,000	
<i>Materials kit available from Aircraft Spruce &amp; Specialty. Certain time-saving assemblies available from other suppliers.</i>											
PRESCOTT AERONAUTICAL Prescott Pusher †	Pusher (fg or rg) 4	Aluminum, steel, fiberglass	29.33	Lycoming O-360 180	45	2,400	207	868	1,200	63	\$29,500 (fg)
			20.28		—	1,400	160	—	57	\$36,500 (rg)	
			8.75		180					1,500	
<i>Includes welded steel tube frame, formed aluminum parts and molded structures.</i>											
QUAD CITY AIRCRAFT CORP. Challenger Special	Parasol, tricycle (fg) 1	Aluminum, fabric	31.50	Rotax 447 42	5	540	75	150	1,000	27	*\$5,995
			18.00		12	260	65	350	23	—	
			6.00		42					100	
<i>Prewelded, preformed metal assemblies.</i>											

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<b>QUAD CITY AIRCRAFT CORP.</b> <b>Challenger II</b>	Parasol, tricycle (fg) 2	Metal, fabric	31.50 19.50 6.00	Rotax 447 42	5 12	800 310	65 56	127 300	500	29 26	*\$7,195 — 65 <i>See notes for Challenger Special.</i>
<b>RAND ROBINSON ENGINEERING</b> <b>KR-1</b>	Monoplane, tailwheel (rg) 1	Wood, fiberglass	17.00 12.75 2.92	VW 1835 50	8 30	800 484	175 162	313 868	800	50 47	\$2,800 (\$60) 500-800 <i>See notes for KR-1B.</i>
<b>RAND ROBINSON ENGINEERING</b> <b>KR-1B</b>	Motorglider (rg) 1	Wood, fiberglass	27.00 12.75 2.92	VW 1835 50	8 30	750 375	128 115	313 868	800	41 35	\$2,800 (\$95) 1,000 <i>Includes aluminum stock, wood and premolded components. Electrical system not included.</i>
<b>RAND ROBINSON ENGINEERING</b> <b>KR-2</b>	Monoplane, tailwheel (rg) 2	Wood, fiberglass	20.67 14.50 3.00	VW 2100 75	12 35	900 500	175 162	512 1,200	800	50 47	\$3,500 (\$165) 500-800 <i>See notes for KR-1B.</i>
<b>RANS CO.</b> <b>Coyote</b>	Monoplane, tricycle (fg) 1	Metal, fabric	29.50 17.00 5.83	Rotax 447 42	5 10	585 280	67 52	104 208	1,200	26 23	*\$6,300 — 75 <i>Includes welded assemblies, molded parts.</i>
<b>RANS CO.</b> <b>S-7</b> <b>Courier</b>	Monoplane, tailwheel (fg) 2	Metal, fabric	29.25 19.83 6.25	Rotax 503 47	13 —	915 370	74 65	300 —	600	30 21	*\$9,895 — 200 <i>Includes welded fuselage and other assemblies, molded parts.</i>
<b>ROTEC ENGINEERING, INC.</b> <b>Panther 2 Plus †</b>	Monoplane, tricycle (fg) 2	Fiberglass, Mylar, aluminum	34.00 18.17 6.75	Rotax 503 48	5 10	960 425	77 68	250 500	550	24 23	*\$7,900 — 70 <i>Includes aluminum tubing, fiberglass pod.</i>
<b>ROTORWAY AIRCRAFT</b> <b>EXEC †</b>	Helicopter (fg) 2	Fiberglass, metal	25.60 26.8 7.00	Rotorway RW-152 152	17 22	1,320 830	100 82	185 239	1,200	—	*\$29,559 (\$100) 500
<b>SEQUOIA AIRCRAFT CORP.</b> <b>F.8L</b> <b>Falco †</b>	Monoplane, tricycle (rg) 2	Wood	26.25 21.33 7.50	Lycoming IO-320-B1A 160	40 42	1,880 1,212	185 165	870 914	1,140	65 53	\$35,000 (\$400) 1,200-2,500 <i>Includes all welded, molded parts, some preassembled wooden components, electrical system and instruments. Additional preassembled wood components available from Sequoia-approved vendor.</i>
<b>SILHOUETTE AIRCRAFT SALES</b> <b>Silhouette</b>	Monoplane, tricycle (fg) 1	Fiberglass	31.20 19.25 NA	Rotax 447 44	10 —	775 490	120 104	390 —	800	52 52	*\$9,995 — 500
<b>SORRELL AVIATION CO., LTD.</b> <b>SNS-2</b> <b>Guppy</b>	Biplane (fg) 1	Wood, steel, fabric	21.25 15.42 5.29	Rotax 377 36	6.5 —	600 350	78 65	190 —	650	30 30	*\$5,995 (\$50) 400 <i>Includes random length steel tube and sheet metal, wood cut to dimensions and instruments.</i>
<b>SORRELL AVIATION CO., LTD.</b> <b>SNS-7</b> <b>Hiperbipe †</b>	Biplane (fg) 2	Steel tube, wood, fabric	22.83 20.83 5.90	Lycoming IO-360 180	39 —	1,911 1,236	148 140	434 —	1,500	50 43	\$5,800 — 1,500-2,000 <i>Includes random length steel tube and sheet metal, tackwelded fuselage sides. Options available to reduce building time.</i>
<b>SORRELL AIRCRAFT CO., LTD.</b> <b>SNS-8</b> <b>Exp †</b>	Biplane (fg) 1	Steel, aluminum tubing, fabric	22.00 15.50 5.25	Rotax 377 36	5 —	500 247	75 65	140 —	1,000	26 26	*\$9,900 — 230 <i>Includes prewelded, predrilled assemblies and instruments.</i>
<b>SORRELL AIRCRAFT CO., LTD</b> <b>SNS-9</b> <b>Exp-II</b>	Biplane (fg) 2	Metal, fabric	23.33 18.00 5.33	Rotax 503 47	10 —	810 360	83 70	300 —	600	34 34	*\$11,200 — 250-300 <i>Includes welded, precut and predrilled assemblies, electrical system and instruments.</i>
<b>SPENCER AMPHIBIAN AIR CAR</b> <b>S12E</b> <b>Spencer Amphibian Air Car</b>	Amphibian (rg) 4	Wood, metal, fiberglass	37.33 26.42 11.75	Continental TIARA 6- 285 285	94 —	3,200 2,190	132 118	652 —	1,000	46 38	*\$19,000 (\$250) 2,500 <i>Includes welded, machined assemblies, molded parts, preassembled wood structures.</i>
<b>SQUADRON AVIATION</b> <b>Models 12, 13, 14</b> <b>Spad XIII, Sopwith SE5a,</b> <b>Fokker DVII †</b>	Biplane (fg) 1	Aluminum, fabric	24.00 16.42 6.67	Cuyuna ULII-02 35	5 10	525 260	65 57	100 200	1,000	18 18	*\$7,350 — 150 <i>Includes tubing, partially completed fuselage. Main differences between models are cosmetic.</i>

# KIT AIRCRAFT DIRECTORY

Manufacturer Model designation Model name	Configuration (landing gear) Seats	Construction materials	Wingspan Length Height (ft)	Powerplant: Manufacturer Model hp	Fuel capacity: Standard Optional (gal)	Gross Weight Empty Weight (lb)	Max. speed Cruise speed (kt)	Range: Standard Optional (nm)	Rate of Climb @ sea level (fpm)	Stall speed: Clean Landing config. (kt)	Kit price (plans price) Construction time (hrs)
<b>STAR-LITE AIRCRAFT, INC.</b> Star-Lite †	Monoplane, tailwheel (fg) 1	Wood, fiberglass	21.50 16.42 NA	Rotax 477 40	8 —	500 250	121 104	350 —	1,200	36 36	*\$8,495 — 400
<i>Includes welded, machined components, molded parts and instruments.</i>											
<b>STODDARD HAMILTON AIRCRAFT, INC.</b> SH-2F Glasair II TD †	Monoplane, tailwheel (fg) 2	Fiberglass, foam	23.50 19.17 7.00	Lycoming IO-360 180	42 55	1,600 950	210 203	870 1,220	1,700	55 50	\$14,550 (\$200) 1,000
<i>Includes prewelded, preformed metal assemblies and premolded components. Hartzell constant speed prop and electrical system available as options.</i>											
<b>STODDARD HAMILTON AIRCRAFT, INC.</b> SH-2F Glasair II FT †	Monoplane, tricycle (fg) 2	Fiberglass, foam	23.50 19.17 7.00	Lycoming IO-360 180	42 55	1,700 975	207 201	870 1,220	1,700	55 50	\$14,950 (\$200) 1,000
<i>See notes for Glasair II TD.</i>											
<b>STODDARD HAMILTON AIRCRAFT, INC.</b> SH-2R Glasair II RG †	Monoplane, tricycle (fg) 2	Fiberglass, foam	23.50 19.17 7.00	Lycoming IO-360 180	42 55	1,800 1,100	223 204	1,000 1,349	1,700	56 52	\$19,950 (\$200) 1,200
<i>See notes for Glasair II TD.</i>											
<b>STOLP STARDUSTER CORP.</b> SA300 Starduster II	Biplane (fg) 2	Steel tube, wood, fabric	24.00 21.75 7.25	Lycoming IO-360 200	40 —	1,985 1,150	174 133	400 —	1,700	50 50	\$7,500 (\$85) 1,500-2,000
<i>See notes for Stolp V-Star.</i>											
<b>STOLP STARDUSTER CORP.</b> SA500 Starlet	Parasol, tailwheel (fg) 1	Steel tube, wood, fabric	25.00 17.00 6.67	Continental C-85 85	20 —	750 550	100 78	300 —	700	40 40	\$5,500 (\$60) 1,200
<i>See notes for Stolp V-Star.</i>											
<b>STOLP STARDUSTER CORP.</b> SA750 Acroduster II	Biplane (fg) 2	Steel tube, wood fabric	21.42 18.50 6.83	Lycoming IO-360 200	40 —	1,850 1,100	180 139	400 —	2,300	50 50	\$7,500 (\$85) 1,500-2,000
<i>See notes for Stolp V-Star.</i>											
<b>STOLP STARDUSTER CORP.</b> SA900 V-Star	Biplane (fg) 1	Steel tube, plywood, fabric	23.00 17.17 7.42	Continental C-85 85	20 —	1,000 700	100 65	300 —	600	31 31	\$5,500 (\$60) 1,200-1,500
<i>Kit includes steel tube, spruce, fabric, dope. Many optional assemblies available to decrease building time.</i>											
<b>SWEARINGEN AIRCRAFT CORP.</b> SX300 †	Monoplane, tricycle (fg) 2	Metal	24.42 21.17 7.83	Lycoming IO-540 300	66 —	2,400 1,600	247 239	999 —	2,400	75 70	\$43,021 — NA
<i>Includes welded and machined assemblies, molded parts and electrical system. Engine, propeller, instruments and pilot's operating manual available as options.</i>											
<b>TEENIE CO.</b> Teenie Two	Monoplane, tricycle (fg) 1	Aluminum	18.00 12.83 4.42	VW 1600 53	9 12	590 310	122 122	400 500	1,500	44 44	\$2,000 (\$75) 300
<i>Includes aluminum and steel stock.</i>											
<b>ULTIMATE AEROBATICS, LTD.</b> 10-100 Ultimate	Biplane (fg) 1	Wood, fiberglass, fabric, aluminum	16.00 17.50 5.92	Continental O-200 100	22 37	1,250 695	130 103	425 751	1050	46 46	\$15,499 (\$149) 2,000
<i>Includes some prewelded, preformed metal assemblies and premolded composite parts.</i>											
<b>VAN'S AIRCRAFT, INC.</b> RV-3 †	Monoplane, tailwheel (fg) 1	Metal	19.92 19.00 5.08	Lycoming O-320 150	24 30	1,100 750	183 174	520 650	2,300	47 44	\$4,800 (\$125) 1,200
<i>Kit includes prewelded, precut components.</i>											
<b>VAN'S AIRCRAFT, INC.</b> RV-4 †	Monoplane, tailwheel (fg) 2	Metal	23.00 20.37 5.25	Lycoming O-320 150	32 —	1,500 905	176 161	565 —	1,650	50 47	\$6,540 (\$165) 1,500
<i>Kit includes prewelded, precut components.</i>											
<b>WAG-AERO, INC.</b> Sport Trainer †	Monoplane, tailwheel (fg) 2	Wood metal	35.21 22.37 6.67	Continental C-85 85	12 28	1,400 720	89 82	191 395	490	34 29	\$8,400 (\$65) 1,250
<i>Kit includes prewelded assemblies, premolded cowl and wheelpans. Engine and propeller available from Wag-Aero. Subassemblies can be purchased separately.</i>											
<b>WAG-AERO, INC.</b> Sportsman 2+2 †	Monoplane, tailwheel (fg) 4	Wood, metal	35.75 23.37 6.62	Lycoming O-320 150	39 54	2,200 1,080	112 108	582 748	800	38 33	\$9,200 (\$89) 1,400
<i>See comments for Wag-Aero Sport Trainer.</i>											
<b>WAG-AERO, INC.</b> Wag-A-Bond †	Monoplane, tailwheel (fg) 2	Wood, metal	29.29 18.58 6.00	Lycoming O-235-C 108	26 —	1,450 725	118 108	610 —	850	42 39	\$8,200 (\$59) 1,250
<i>See comments for Wag-Aero Sport Trainer.</i>											

Manufacturer Model designation Model name	Configuration (landing gear) Seats	Construction materials	Wingspan Length Height (ft)	Powerplant: Manufacturer Model hp	Fuel capacity: Standard Optional (gal)	Gross Weight Empty Weight (lb)	Max. speed Cruise speed (kt)	Range: Standard Optional (nm)	Rate of Climb @ sea level (fpm)	Stall speed: Clean Landing config. (kt)	Kit price (plans price) Construction time (hrs)
<b>WAR AIRCRAFT REPLICA, INC.</b> FW-190 Focke-Wulf	Monoplane, tailwheel (rg) 1	Wood, fiberglass, foam	20.00 16.00 4.00	Continental O-200 100	15 —	950 700	165 143	450 —	1,100	56 56	\$8,000 (\$175) 1,200-1,500
<i>The FW-190 is a 1/2 scale World War II replica. Other replica aircraft from the company include F4U Corsair, P-47, Sea Fury, Zero and P-51D. All share similar construction methods, components and performance figures.</i>											
<b>WHITE LIGHTNING AIRCRAFT</b> WLAC-1 White Lightning	Monoplane, tricycle (fg) 4	Fiberglass, carbon fiber	27.7 23.3 7.2	Continental IO-360 210	72 82	2,400 1,350	234 226	1,479 1,685	1,500	78 60	\$29,950 — 600-1,000
<b>ZENAIR, LTD.</b> CH150 Acro Zenith	Monoplane, tailwheel (fg) 1	Aluminum	20.17 20.25 5.00	Lycoring O-320 150	14 36	1,520 730	141 134	295 760	2,200	48 48	\$13,000 — 600
<i>Kit includes welded assemblies, completed spars, preformed parts and molded parts.</i>											
<b>ZENAIR, LTD.</b> CH200, CH250 Zenith †	Monoplane, tricycle or tailwheel (fg) 2	Metal	23.58 20.50 5.17	Lycoring O-320 150	25 54	1,500 930	132 123	450 972	1,100	50 47	\$11,500- CH200 \$12,450- CH250 (\$190, \$230) 600
<i>CH250 is updated version of CH200 with larger baggage area, more fuel capacity, sliding canopy and other features. Kit includes welded assemblies, completed spars, preformed aluminum parts and molded parts.</i>											
<b>ZENAIR, LTD.</b> CH300 Tri Zenith	Monoplane, tricycle or tailwheel (fg) 4	Aluminum	26.50 22.50 6.67	Lycoring O-320 150	34 68	1,850 1,097	140 125	530 1,060	1,000	52 47	\$13,600 (\$250) 800
<i>Kit includes welded assemblies, completed spars, preformed aluminum parts and molded parts.</i>											
<b>ZENAIR, LTD.</b> CH600 Zodiac	Monoplane, tricycle or tailwheel (fg) 2	Aluminum	27.00 18.50 6.83	VW 1875 65	16 —	1,050 590	100 87	420 —	720	38 38	\$11,500 (\$150.00) 400
<i>Kit includes welded assemblies, completed spars, preformed aluminum parts and molded parts.</i>											
<b>ZENAIR, LTD.</b> CH701 Zenair STOL	Monoplane, tricycle or tailwheel (fg) 2	Metal	27.00 18.00 8.00	Rotax 503 55	11 —	880 440	82 75	220 —	900	36 26	*\$9,800 (\$300) 300
<i>Includes welded, machined and molded parts, electrical system, instruments.</i>											
<b>ZENAIR, LTD.</b> MC15 Cricket	Multi- engine (fg) 1	Aluminum, foam	16.00 12.83 5.17	Two JPX 212 15 each	6 9	420 168	120 100	340 510	1,200	46 38	*\$8,200 (\$190) 600
<i>Includes welded, machined, molded parts.</i>											

## KIT MANUFACTURERS

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