

BELITE AIRCRAFT
PARTS FOR EXPERIMENTAL PART 103 AIRCRAFT

11/10/09

NAME	PART NUMBER	PRICE	DESCRIPTION
COMPOSITES			
Firewall, carbon fiber	bl-comp-001	\$399.95	Carbon Fiber firewall. Weighs about 1 pound. Incredibly stiff. Shown as typically installed. Shipped untrimmed (trim using bandsaw, dremel, hack saw, etc.)
Cowling, fiberglass	bl-comp-002	\$339.95	Fiberglass cowling, supplied untrimmed and unpainted. The photo shows a Kitfox Lite with a 1/2 VW with a cowl cut and fitted nicely over it. Weighs about 3 pounds.
Glareshield, carbon fiber	bl-comp-003	\$34.95	Glareshield
CRATING			
Crating	bl-crat-001	\$395.00	We carefully build a sturdy wood crate to put your entire kit in, and then properly package and load everything. We then ship your crate by truck freight to you! (Let us know where you are, so we can get a freight quote for you.)
FABRIC			
Dacron Fabric, ultralight	bl-fabr-001	\$5.50	This is uncertified 1.8 ounce Dacron shrink fabric, which we sell by the yard. The bolt is 60 inches wide, so you get a lot of fabric for the money. A Belite needs about 20 yards to cover two wings, tail feathers, and a fuselage. *** Minimum order is 5 yards. ***
FLAPERONS			
Left Flaperon	bl-flap-001	\$399.95	The flaperon in the picture is mostly covered with protective plastic film. We pulled back one corner to let the aluminum shine through. These flaperons are built from .016 6061T6 Aluminum, with a 7/8 inch Aluminum spar and bonded foam internal ribs, along with bushings and steel dropper arms. We build them on the original Kitfox Lite factory tooling jigs.
Right Flaperon	bl-flap-002	\$399.95	The flaperon in the picture is mostly covered with protective plastic film. We pulled back one corner to let the aluminum shine through. These flaperons are built from .016 6061T6 Aluminum, with a 7/8 inch Aluminum spar and bonded foam internal ribs, along with bushings and steel dropper arms. We build them on the original Kitfox Lite factory tooling jigs.
Left Flap Hdw	bl-flap-003	\$99.95	Complete Flaperon hardware for left flaperon. Contains bushing, machined aluminum dropper arm and welded steel bellcrank arm.
Right Flap Hdw	BL-flap-004	\$99.95	Complete Flaperon hardware for one flaperon. You'll need two sets per plane, just like you need two flaperons. Contains bushing, machined aluminum dropper arm and welded steel bellcrank arm.
FLIGHT CONTROL			
Left Rudder Pedal	bl-flco-001	\$49.95	Rudder pedal, Left, 100% finish welded. Ready to paint or powdercoat.
Right Rudder Pedal	bl-flco-002	\$49.95	Rudder pedal, Right, 100% finish welded. Ready to paint or powdercoat.

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Left or Right Heel Brake	bl-flco-003	\$49.95	Heel brake, Left or Right, 100% finish welded. Ready to paint or powdercoat. You'll need two of these.
Control Stick Housing	bl-flco-004	\$249.95	Control stick housing, 100% finish welded. Ready to paint or powdercoat. This housing is masterfully TIG welded from seven different metal parts and 3 washers, and machined to be a perfect fit. Built on Kitfox Lite factory jig.
Flaperon Bellcrank	bl-flco-005	\$49.95	Flaperon bellcrank, 100% finish welded. Ready to paint or powdercoat.
Elevator Reverse Link	bl-flco-006	\$79.95	Elevator reverser link, 100% finish welded. Ready to paint or powdercoat. This replaced an earlier design (which we saw on early Kitfox Lite aircraft) and this design is stronger.
Control Stick Pivot	bl-flco-007	\$49.95	Control stick pivot, 100% finish welded. Ready to paint or powdercoat.
Flap Control Handle	bl-flco-008	\$99.95	Flap control handle, 100% finish welded. Ready to paint or powdercoat.
Pushrod kit and hdw	bl-flco-009	\$399.95	Included is all of the following: 6061 T6 Aluminum Tubing, 0.75 x .035 x 108 inches, 3/8 OD 4130 steel, .035 wall, length cut to print, 3/8 OD 4130 steel, .060 wall, length cut to print, EF4TY-W, 6G171, Female Rod End Bearing, 1/4 - 28 Male Rod End Bearing with 0.250 hole, Flaperon short torque arm attach bolts, Machined Insert Safety Bolts, Nylon Bearing Block Anchor Bolt, Torque Reverser Linkage Bolt, Push Pull Cable Attach Bolts, Control Stick Mounting Bolt, Control Pivot Mounting Bolt, (above 2 lines use AN4 Castle Nut and Cotter Key), Push Pull Cable T Holder Quick Disconnect Clip, Machined from 6061T6 Aluminum and tapped, Push Pull Cable T Holder Cable Housing Retainer, Pivot, Flaperon short torque tube, threaded, push pull control, Control Stick tubing, Foam Grip for control stick, Machined Nylon Bearing Block, 4130 Steel, 1/2 x 3 x 0.040, 7/16" x 2 1/2" x .047, 5/8" x 3 1/4" x .072, 7 x 7, 3/32, cable, 3/16 OD x .138 ID Nylaflo Tube, Rudder cable thimbles, Stop Sleeves MS51844-43, Flap Handle Slider, Nylon, Flap Handle Spring, 79xA, Flap Handle Pin, Flap Ratchet Plate. Now that's a list of parts!
Fuel Tank Kit	bl-fuel-001	\$279.95	This fuel tank kit is a complete system with capacitive sender. Includes: Blitz 5 Gallon Red Tank; Fuel Filter; Fuel On/Off; SAF-AIR CAV-160; 1/4 Blue fuel line; 1/8 Red (05-01050) primer line, and primer pump, designed for panel mount; Fuel Disconnect, Panel Mount, with shut off for easy tank removal; Molex Connector set, male+female, for wiring fuel sender; shielded wire for fuel sender; Electronic (capacitive) Fuel sender. We realize this is expensive for what is really a \$10 fuel tank, but it's really good to not have to rely on a sight gauge on a tank which is placed behind you. You'll appreciate a fuel gauge in the dash more than you realize.
FUSELAGE			

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Fuselage / 4130 Steel / Finish Welded 100%	bl-fuse-001	\$4,999.95	Fuselage / 4130 Steel / Finish Welded 100%. Composed of approximately 150 different tubes and pieces of 4130 chromaloy steel, built in original Kitfox Lite factory jig. Our welding is spectacular. Steel fuselage and cockpit helps protect the pilot in the event of an accident. Powder coating not included - specify and order separately. You can enamel paint inexpensively as well -- saves \$\$\$. Perfect place to start a project!! This fuselage weighs approximately 45 pounds net, before powdercoating.
LANDING GEAR			
Landing Gear, Left	BL-LDGG-001	\$149.95	Landing Gear, Left. This 'A' gear is completely welded and ready to bolt on your airplane. May require filing for exact fit. Also requires paint or powdercoating. Note that the brake attach plate is heavy duty, much stronger than original design.
Landing Gear, Right	BL-LDGG-002	\$149.95	Landing Gear, Right. This 'A' gear is completely welded and ready to bolt on your airplane. May require filing for exact fit. Also requires paint or powdercoating. Note that the brake attach plate is heavy duty, much stronger than original design.
Landing Gear Center Bar	BL-LDGG-003	\$149.95	Before we talk about what's included, let's talk about what IS NOT included: Bungees are not included and shock relief cables are not included. What IS included is the steel welded parts, ready to bolt to your plane and "A" landing gear. May require some filing. Not painted or powdercoated, you have to do that as well. We often use these without bungees by drilling and adding a single AN3 bolt. You'll need *two* of these for each airplane.
Azusalite 5" Nylon Wheel	BL-LDGG-004	\$34.95	This is an Azusalite 5 inch wheel. It is made from engineering grade Nylon. Combines high tensile and compressive strengths and good impact resistance. Excellent for many homebuilt and ultralight aircraft applications since they weigh 60-70% less than aluminum wheels. Bolts/locknuts and ball bearings are included. TIRE & TUBE are NOT included.
Lamb Tires, 11 x 4.00 x 5	BL-LDGG-005	\$29.95	This is a Lamb tire, size 11x4.00-5 with 6 plies. This tire is economical and tough, perfect for the Belite and other ultralights / experimental aircraft.
Tube 11 x 4.00 x 5	BL-LDGG-006	\$19.95	This is a 11 x 4.00 x 5 tube. Sure looks useless when it hasn't been filled with air.
Tail wheel steel leaf spring	BL-LDGG-007	\$99.95	The Steel Tail Spring is highlighted in the photograph, which also shows correct installation and utilization with our steerable tail wheel.

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Wheel Axle, 5/8 4130 steel solid shaft	BL-LDGG-008	\$19.95	This is a 5/8 inch, solid 4130 chromaloy steel shaft. Length is 7 inches exact and it is shown drilled with a 1/8 inch hole for a very heavy duty cotter key. However, we ship them with no holes drilled so you can locate the hole where you want. After I snapped one off in a pasture, I resolved that my axles would be solid, not hollow.
Tail Wheel Bracket w/ Tiller Bar	BL-LDGG-009	\$139.95	Tail Wheel Bracket w/ Tiller Bar is shown highlighted in the photo. The leaf spring, the tiller springs, the wheel, are NOT INCLUDED. You get just the welded assembly, ready to paint and mount. This assembly is designed to accept a 125mm Razor wheel, which we also sell.
Razor 125mm wheel	BL-LDGG-010	\$8.95	We have stocked 125mm Razor wheels for our tail wheels. They are tough, have great ball bearings, and easily replaced as they wear out. Our tail wheel mechanism is designed for this wheel. Sorry, we can't control the colors. Some are clear, some are red, blue, etc. These are, of course, brand new.
Tail Wheel Tiller Springs	BL-LDGG-011	\$4.95	Tail Wheel Tiller Springs. They are highlighted in the photo. Two are needed for a complete installation.
Ldg Gear Hdw & Lazy Susan Brng	BL-LDGG-012	\$29.95	Tail Wheel Landing Gear Lazy Susan Bearing, also includes ALL AN nuts and bolts and washers for ALL parts of ALL landing gear, also a couple of needed bushings and cotter pins. Basically, all the nuts & bolts needed to make the main gear and the tail assembly bolt together and work, along with the bearing and cotter pins.
PANEL			
Panel / Electric Kit	bl-panl-001	\$749.95	This includes a lot of stuff for a really nice basic panel: SPST Mini kill switch; SPST momentary square red switch for starter; 3 x 15 feet spools of wire, Red/Black/Green; Starter hookup wire, RED heavy gauge; Starter hookup wire, BLACK heavy gauge; Starter relay; (may vary from photo) Starter Fuse -- 80 amp 1.25" 8-32 Round Mounts for shock mount panel x 3; Universal Digital Tach / Hour Meter; (may vary from photo) Altimeter, Non-sensitive, 10,000ft, 2-1/4, baro window, inches; Airspeed Indicator; Electronic Fuel gauge; EGT / CHT gauge; EGT probe; CHT probe; Ball slip/skid Indicator.
PLYWOOD			
Plywood Kit	bl-plyw-001	\$24.95	This includes 3 sheets of plywood: one is 1/2 inch, and two are 1/4 inch. All are two feet x two feet. This is enough wood for the seat bottom (1/2 inch), floorboard, seatback, and instrument panel. All is noncertified Birch, and is easily stained and varnished. The grain is especially nice!! Also includes engineering prints on the seat bottom, seat back, floor board, and instrument panel.
POWDERCOATING			

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Powdercoating	bl-pwdr-001	\$495.00	If this is ordered in conjunction with a complete kit, we'll powdercoat all steel for this charge. If this is ordered with a fuselage, we'll powdercoat just the fuselage. You may specify color by special order (really, it's no problem!, just let us know). Otherwise, we like satin black, and that's our standard color. You don't have to powdercoat steel -- painting works really well, especially a nice enamel paint. Painting is a little lighter, and a lot cheaper. But a lot of folks like powdercoating (and we do too.)
STRUTS			
Lift and Jury strut kit	bl-lstr-001	\$299.95	This subkit provides everything necessary to make lift struts and jury struts for your airplane. Included are: 6061T6 Aluminum, 1.00 inch x 0.058, 8 ft blank, qty 4; 6061T6 Aluminum machined inserts for 5/16 - 24; AN3 undrilled bolt, washers, lock nuts; Rod end bearing, steel 5/16 - 24, 2796 lbs load, qty 4; Pipe Clamp, 1 inch, cushioned, qty 4; Lift strut bolts; Wing lift strut bolts; Spacing washers, Use 10 +/- per attach point; Jury strut eye bolts; Jury strut hardware; 6061 T6 Aluminum, 0.5 x 0.035 x 2 feet material, cut to fit.
TAIL FEATHERS			
Rudder, 4130 Steel	bl-tail-001	\$199.95	Rudder, 100% Finish Welded, Ready to paint or powdercoat. Built on original Kitfox Lite factory jigs. Includes welded tiller bar for steerable tail wheel. (The picture doesn't show this.)
Elevator, 4130 Steel	bl-tail-002	\$399.95	Elevator, 100% Finish Welded, Ready to paint or powdercoat. Our welding quality is spectacular. This part is built on original Kitfox Lite factory jigs.
Horizontal Stabilizer, 4130 Steel	bl-tail-003	\$399.95	Stabilizer, 100% Finish Welded, Ready to paint or powdercoat. Built on original Kitfox Lite factory jig.
Tail Feather Hardware Kit	bl-tail-004	\$99.95	24 feet of 7x7 1/16th cable; 14 Cable Thimbles; 14 Copper Nicopress Sleeves; 12 Copper Stop Sleeve; 1 Horizontal stabilizer front attach bolt/nut/washers; 1 Horizontal stabilizer rear attach bolt/nut/washers; 1 Rudder cable mounting bolt/nut/washer, front of rudder; 4 Horizontal stabilizer cable mounting bolts/nuts/washers; 1 Rudder cable mounting bolt/nut/washer, rear of rudder; 10 AN3 Washer, for spacing horizontal stab front bolt; 8: 2 hole bent TANG, stainless steel, prebent 25 degree; 4: 2 hole flat TANG, stainless steel, flat; 5: Clevis Pins, 3/16 diameter, drilled, 2 9/32 or longer; 5: 1/32 x 1/2 cotter pin AN381-1-2 for clevis pins.
WINDSHIELD			

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Windshield Kit	bl-wnds-001	\$99.95	This kit includes everything to cut and mount a windshield on a Belite (or older Kitfox Lite). Includes the polycarbonate, along with an engineering print and aluminum trim pieces. It looks intimidating to do, but is actually not too tough. It takes 4 hours to do right the first time. \$100 for a new windshield is worth it!
WINGS			
Wing Kit for one wing.	bl-wing-001	\$699.95	This contains everything needed to make ONE wing (except covering material, glue and rivets): Aluminum spars: 6061 T6 Aluminum, 2.5 x 0.065 x 12 feet; Root reinforcement: 6061 T6 Aluminum, 2.75 x 0.065 x 2.0 inches; Sail/Anti sail tubes: 6061 T6 Aluminum, 0.500 x 0.035 x 52 inches; End rib anti crush tubes: 6061 T6 Aluminum, 0.500 x 0.035 x 16 inches; Lift strut attach fitting: 6061 T6 Aluminum, machined, ready to mount; Jury strut attach fitting: 6061 T6 Aluminum, machined, ready to mount Push Pull attach fitting, left: 6061 T6 Aluminum, machined, ready to mount Push pull attach fitting, right: 6061 T6 Aluminum, machined, ready to mount Backing plate for push pull fittings 6061 T6 Aluminum, machined, ready to mount AN3 undrilled bolt, washers, lock nuts; Main Rib Plywood, 1/2 inch birch, (uncertified) blank -- cut by builder Plywood, 1/8 inch plywood -- (uncertified)cut by Belite False rib spar: 6061 T6 Aluminum, 0.500 x 0.035 .025 trailing edge aluminum, prebent; Flaperon attach strap: 4130 Steel, 1.5 inch x 8 inch x .062; Flaperon attach strap bolts: AN3 undrilled bolt, washers, lock nuts; Flaperon trim plates: 6061 T6 Aluminum, 0.016 x 2 x 8 inches, trimmed by builder; 12 foot, low resistance, high efficiency push pull cable; 23" 0.250 x .035 6061T6 Aluminum; PREBENT by Belite 1/4 x .170" x 20 feet, Pitot tubing nylon to panel Rear of wing attachment bolts: AN5 undrilled bolt; lock nuts Front of wing Quick Clips AN416-2; Front of wing: AN5 Clevis Pin; AND a wing blueprint, assembly manual and DVD builder video.
Wing Study Blueprint	BL-WING-002	\$9.95	Send us \$9.95, and we'll email you our blueprints on the wing. Includes main blueprint, jig blueprint, rib blue prints, and several other prints as well.