

SkySkimmer Bill of Material

Item	Quantity	Description	Available
1.	2	1/4" dia round hardwood dowel, 36" long	Hobby Store
2.	4	3/16 square balsa strip, 36" long	Hobby Store
3.	2	3/16 x 4 x 36" Balsa Sheet (for tail section, use dense heavy balsa)	Hobby Store
4.	1	3/4 square steel bar stock, cut to 1 7/16 long (nose weight)	Machine Shop
5.	2	1/8 Aircraft Plywood Sheet (Poplar) 12x48	Horizon Hobby
6.	3	1/16" Balsa Sheet 4"x36"	Hobby Store
7.	3	1/8" Balsa Sheet 3"x36"	Hobby Store
8.	2	1/8" Balsa Sheet 4"x36"	Hobby Store
9.	1	3/4 x 2 x 12 Oak Block (wing mounts)	Home Depot
10.	2	Trailing edge, balsa, 3/8 x 1 1/2 x 36	Hobby Store
11.	3	Balsa block, 2x3x12 long	Hobby Store
12.	2 pkg	Medium Control Horns, (for 1/16 pushrods) DuBro #237	Hobby Store
13.	1 sheet	9x12x.015 clear acrylic sheet (if you make your own windshield)	Hobby Store Or KS Engineering Ph. 773-586-8503
14.	12 in.	1/16" diameter steel rod (servo connectors)	Hobby Store
15.	1	11x7 Prop. Pusher 3-blade MA117OTP	Horizon Hobby
16.	1	4 Channel Radio (minimum), w feather light Receiver	800-338-4639
17.	2	Spektrum Micro Servo, Horizon #SPMSA4010	800-338-4639
18.	2	Hitec Micro servo, HS-55, Horizon #HRC31055S	800-338-4639
19.	1	Speed Controller, 54Amp for brushless motors, Castle Creations (do not use lesser rated ESC)	castle creations.com
20.	1	E-flite 25BL, Brushless Outrunner Motor #EFLM4025A	castle creations.com
21.	1	E-flite 2100mah Lipoly Battery #EFLB21003S	castle creations.com
22.	2pkg.	Medium Nylon Hinges DuBro cat. No 116	castle creations.com
23.	1 set	Control Horns, Nylon large DuBro#105	castle creations.com
24.	1	Control Rod Set, Sullivan #508, Gold-Yellow (for rudder)	castle creations.com
25.	2	Servo extender wires 18" (for elevator servo)	castle creations.com
26.	2	Servo Y harness, Horizon #JSP98020 (for aileron servos)	castle creations.com
27.	2 rolls	Covering (Hanger 9 Ultracote Transparent Yellow, and White)	Hobby Store
28.	1 piece	Transparent covering (to cover side windows) 4x18	Hobby Store
29.	1 can	Spray Paint, latex enamel to match monocote color	Paint Store
30.	1 set	Battery connectors of your choice, male and female	Hobby Store
31.	4	Nylon Screws, #8-32x1/2 (for windshield mounting)	Hobby Store
32.	1	Nylon Bolt, 3/8-16 x 1.5 inches long (battery retainer)	Home Depot
33.	2	1/4-20 Nylon Bolt, 1.5 long (wing mounts) (if you can, get countersunk head, if not slotted head)	Home Depot
34.	2 oz.	Fiberglass resin	Auto Part Store
35.	12 oz.	Can of white paint, to match monocote	Auto Paint Store
36.	1	5/16 x 36 Round hardwood dowel (sponson supports)	Hobby Store
37.	2	2 x 2 x 12 Balsa Block	Hobby Store