

SkySpringer Bill of Materials

Item	Qty.	Description	Available
1.	1	Red .25-inch LED light #1497-1372-ND or #365-1175-ND	Digikey.com
2.	5	Yellow .25-inch LED light #732-5022-ND	"
2a.	4	White 5 mm LED, (needs 280-ohm resistor with 8.4-volt battery) #160-1850-ND	"
2b.	4	Resistor 280 ohm 280XBK-ND	"
3.	1	AAA Dual battery holder #BC2 AAA W-ND	"
4.	2	3-inch DuBro Super slim lite wheels (10.2 grams) with 3 mm axle hole	DuBro #300SSL DuBro/Tower Hobbies
5.	1	Bright Yellow Hanger 9 UltraCote Parklite covering, #LXHWES	Tower Hobbies
6.	1	DuBro Micro Nylon Hinges #LXD 943	"
7.	4	DuBro Nylon Links #LXD 882	"
8.	4	DuBro Nylon Control Horn #L5AZC103	"
9.	1	Balsa block 2 x 3 x 12	Hobby Store
10.	1	Balsa block 1 x 2 x 12	"
11.	3	Balsa sheet 1/8 x 3 x 36	"
12.	1	Balsa sheet 3/16 x 2 x 36	"
13.	2	Balsa sheet 1/8 x 6 x 36	"
13.	2	Balsa strip 1/8 x 1/2 x 36	"
14.	1	Lite plywood 1/8 x 12 x 24 (or birch ply)	"
15.	1	Plywood 1/16 x 6 x 12	"
16.	4	¼-inch diameter wood dowel 36 inches long	"
17.	2	4mm .7 x 30mm Hex Head Bolt (wheel axles)	"
18.	4	4mm .7 Nylock Nut (retains wheels on axle)	"
19.	1	#2-56 threaded rod x 12 inches long (used on wing struts)	"
20.	1	.039 dia. music wire, #5497 (to make links between servo and control horn)	Hobby Lobby
21.	1 left, 1 right	Formed alum. landing gear from 1/16 thickness (per drawing)	Fabrication shop, or clarksalisbury@hotmail.com
22.	1	Three-channel radio transmitter	Horizon Hobby
23.	2	Hitec HS55 ultralight servo	"
24.	1	Radio receiver, three channel minimum, compatible with item 22	"
25.	1	E-flite Park 370 Brushless outrunner motor 1080 Kv	"
26.	1	E-flite Brushless ESC, 20-amp compatible with item 25	"
27.	1	Propeller for electric motor, 8x6	"
28.	1	Three-cell LiPoly battery, 11.1 volts, 1,300 mAh	"
29.	16	#6-32 x 1 nylon screws (mounting landing gear, wing, and battery access cover)	"
30.	1	Heat formed windshield:	clarksalisbury@hotmail.com, or make yours from drawing
31.	1	1/2 thick pine, minimum 3 x 3 inches (used for front nose piece)	Home Depot