

SUPER FLYIN' KING PARTS LIST

Some parts may be stuck together with a spray adhesive used during manufacturing. They should be easy to pry apart. Sand them lightly to remove any residue.

BALSA STICKS

20	3/32 x 3/8 x 36	Balsa	Capstrips
16	3/16 x 3/8 x 36	Balsa	TE Spars, Flap/Aileron Spars
8	3/16 x 15/16 x 36	Balsa	Sub LE, LE Caps
8	1/4 x 1/4 x 36	Balsa	Wing Spars
4	1/4 x 1/2 x 36	Balsa	Top Rear Wing Spars (beveled edge)
6	1/4 x 1/2 x 36	Balsa	4 Bottom Rear Wing Spars, 2 Fuselage
4	3/8 x 3/4 x 36	Balsa	Main Wing Spars for Outer Wing Panels
45	1/2 x 1/2 x 36	Balsa	Fuselage, Fin, and Stabilizer Framework

BALSA SHEETS

46	3/32 x 3 x 36	Balsa	Wing Sheeting
6	3/32 x 4 x 36	Balsa	Shear Webs
3	1/2 x 4 x 8-1/2	Balsa	Fuselage Top, Hatch

MACHINED BALSA PARTS

4	3/32 x 3 x 20	Balsa	W-3 Wing Ribs
24	3/32 x 3 x 20	Balsa	W-4 Wing Ribs
2	3/8 x 2 x 26	Balsa	Wingtips
1	1/2 x 2 x 18	Balsa	Rudder, Rear Piece (tapered)
1	1/2 x 3 x 18	Balsa	Rudder, Front Piece (tapered & beveled)
2	1/2 x 3 x 24	Balsa	Elevator (tapered & beveled)
2	1/2 x 3 x 12	Balsa	Stabilizer Center
2	1/2 x 4 x 18	Balsa	Fuselage SIDE-1
2	1/2 x 4 x 23	Balsa	Fuselage SIDE-2
2	1/2 x 4 x 22	Balsa	Fuselage SIDE-3
1	1/2 x 4 x 21	Balsa	Fin Front

LITE-PLY PARTS

5	1/8 x 3 x 25	Lite-Ply	W-1 Wing Ribs
4	1/8 x 3 x 20	Lite-Ply	W-2 Wing Ribs
2	1/8 x 12 x 48	Lite-Ply	Fuselage Doublers
1	1/8 x 7-1/4 x 21	Lite-Ply	Fuselage Bottom, Front
1	1/8 x 7-1/4 x 12.5	Lite-Ply	Fuselage Bottom, Rear
1	1/8 x 7 x 10-1/2	Lite-Ply	Fuselage Top (optional access hole drawn)
2	1/8 x 6 x 9	Lite-Ply	Cheeks, Internal (butts against doublers)
2	1/8 x 7 x 9	Lite-Ply	Cheeks, External (butts against F-1)
1	1/8 x 8 x 11	Lite-Ply	Extra Sheet (for cabin floor, radio tray, etc.)
2	1/8 x 8 x 12	Lite-Ply	Extra Sheets (for cabin floor, radio tray, etc.)

AIRCRAFT PLY PARTS

1	1/32 x 3 x 12	AC Ply	Material to Reinforce Wing Saddle
1	3/32 x 1-1/2 x 10	AC Ply	Wing Bolt Plate
1	1/4 x 2-1/2 x 6	AC Ply	Tailwheel Mount
1	1/4 x 7-1/4 x 14	AC Ply	Fuselage Bulkhead F-2
1	1/4 x 7-1/4 x 11	AC Ply	Fuselage Bulkhead F-3
1	1/4 x 1-5/8 x 7-1/4	AC Ply	Bulkhead Doubler F-2D
1	1/2 x 6-1/2 x 9	AC Ply	Firewall F-1
1	1/2 x 7-1/4 x 3	AC Ply	Landing Gear Mount

HARDWOOD

5	1/4 x 3/8 x 12	Poplar	3 for Servo Mount Rails, 2 for F-1 Braces
2	3/8 x 3/4 x 12	Poplar	Fuselage Nose Clamp, Wing Mount Blocks
2	3/8 x 3/4 x 57	Poplar	Main Spars for Center Wing Panel

BOLT PACKAGE

2	10-32 x 1"	Nylon	Fuel Tank Hatch Bolts
2	1/4-20 x 2-1/2"	Steel	Wing Hold-Down Bolts
2	1/4" i.d. x 1" o.d.	Steel	Fender Washers for Wing Bolts

WING JOINER SHEAR WEBS

2	1/4 x 2-1/4 x 4	AC Ply	(A) Front Internal Joiner Web, Outboard
2	1/4 x 2-1/4 x 3-1/2	AC Ply	(B) Front Internal Joiner Web, Inboard
2	1/4 x 2-1/4 x 3-1/2	AC Ply	(C) Front Internal Channel Web
2	5/32 x 3 x 4	AC Ply	(D) Front External Joiner Web, Outboard
2	5/32 x 3 x 3-1/2	AC Ply	(E) Front External Joiner Web, Inboard
2	1/16 x 3 x 3-1/2	AC Ply	(F) Front External Channel Web
2	1/4 x 1-3/4 x 4	AC Ply	(G) Rear Joiner Web, Outboard
2	1/4 x 1-3/4 x 3-1/2	AC Ply	(H) Rear Joiner Web, Inboard
2	5/32 x 1-3/4 x 3-1/2	AC Ply	(J) Rear Channel Web

AILERON/FLAP RIBS

28	3/32 x 1 x 5	Balsa	W-5 Flap/Aileron Ribs
8	1/8 x 1 x 5	Lite-Ply	W-6 Flap/Aileron Ribs
4	3/8 x 1 x 5	AC Ply	W-7 Flap/Aileron Ribs

SMALL BALSA PARTS BAG

2	3/8 x 1-1/2 x 5	Balsa	Wingtip Supports
1	1/2 x 1 x 2	Balsa	Fin Fillet
1	1/2 x 2 x 2	Balsa	Fin Gusset
6	1/2 x 2-3/8 x 4	Balsa	Wing Filler Block Material
2	1/2 x 3/4 x 7	Balsa	Fuselage SIDE-4
2	1/2 x 1-1/2 x 7	Balsa	Fuselage SIDE-5

SMALL PLY/HARDWOOD PARTS BAG

10	1/16 x 1 x 1	AC Ply	Pads for Hardpoints
4	3/16 x 1 x 1	AC Ply	Pads for Hardpoints
2	1/4 x 1/2 x 5-1/2	Spruce	Reinforcements for W-1 Wing Ribs
6	3/8 dia. x 1/2"	Birch	Dowel Hardpoints for Fin and Stabilizer
2	3/8 dia. x 8	Birch	Wing Dowels
1	3/32 x 4 x 7-1/4	AC Ply	Fuselage Top (aft of wing)
1	1/8 x 4 x 7-1/4	Lite-Ply	Cabin Rear
4	1/8 x 4 x 5-1/8	Lite-Ply	Flap/Aileron Servo Mounts
2	1/8 x 2 x 3-1/2	Lite-Ply	Wing Block Supports
10	1/8 x 1-1/2 x 3	Lite-Ply	Fuselage Gussets
10	1/8 x 3/8 x 2	Lite-Ply	Reinforcements
2	1/2 x 3 x 3	AC Ply	Landing Gear Mount Braces (triangles)

WING JOINER KIT

4	3/8 x 1-1/4 x 3	Alum.	Wing Channels
4	1/8 x 7/8 x 9	Alum.	Wing Joiners
8	4-40 x 3/8	Steel	Socket-Head Cap Screws (set screws)
8	4-40 x 3/4	Steel	Socket-Head Cap Screws (mounting screws)
8	4-40 x 1	Steel	Socket-Head Cap Screws (mounting screws)
6	6-32 x 3/4	Steel	Socket-Head Cap Screws (mounting screws)
6	6/32 x 1	Steel	Socket-Head Cap Screws (mounting screws)
16	4-40	Steel	Hex Nuts
12	6-32	Steel	Hex Nuts
16	#4	Steel	Flat Washers
24	#6	Steel	Flat Washers
1	5-1/2" x 8-1/2"	Paper	Wing Joiner Instruction Sheet

MISCELLANEOUS

6	Sheets, Full-Size	Paper	Plan Set (1 Fuselage, 1 Stabilizer, 4 Wing,)
1	29 Pages	Paper	Instruction Book with Color Photos
1	.030 x 6 x 8	PETG	Clear Plastic Material for Windshield
1	.030 x 10 x 24	PETG	Clear Plastic Material for Side Windows
1	3/8 x 27	Alum.	Main Landing Gear