

## INCLUDED PARTS LIST

### Loose parts:

- Epoxy/glass cowl
- Carbon fiber main gear
- Canopy
- Vertical stabilizer plan sheet
- Horizontal stabilizer plan sheet
- Fuselage sides, left and right 1/8" lite ply
- Fuselage top 1/8" lite ply
- .047" X 36" piano wire (5)
- Triangle gusset stock: balsa
  - Extra large
  - Large
  - Medium
  - small

### Section I, Fuselage wood pack:

- 1/4" X 1/4" X 48" upper Fuselage stringer (2) balsa
- 1/4" X 1/4" X 36" lower fuselage stringer (2) balsa
- 1/8" X 1/8" X 36" stringer doubler stock basswood
- 1/4" X 1/4" X 36" cross bracing (2) balsa
- 1/4" X 1/4" X 36" diagonal bracing (2) balsa

### Parts bag #1, Section I:

- Firewall 1/4" plywood
- Lower firewall plate and hatch 1/8" lite ply
- Hatch frame strips (3) 1/8" lite ply
- Landing gear front former 1/8" lite ply
- Main landing gear mount plate 1/4" plywood
- Main landing gear outer plate 1/8" lite ply
- Front wing former 1/8" lite ply
- Front wing former doubler 1/8" lite ply
- Wing mounting block 1/4" plywood
- Rear wing former 1/8" lite ply
- Tail wheel upper plate 1/8" plywood
- Tail wheel outer plate 1/8" lite ply
- Fuselage end plates (2) 1/8" lite ply



- 3/32" spar sheer webs (8) balsa

Section III, Bag #3:

- Standard ribs (12) 1/16" balsa
- Saddle ribs (2) 1/8" lite ply
- Strut ribs (2) 1/8" lite ply
- Inner spacer ribs (2) 1/16" balsa
- Outer spacer ribs (2) 1/16" balsa
- Center rib 1/4" plywood
- Precut spar splices (2) 1/4" basswood
- Precut front servo spacer (2) 1/4" balsa
- Precut LE blocks (2) 1/4" balsa
- Wingtip blocks (2) 1/4" balsa
- Servo mount plates (2) 1/8" lite ply
- Servo box short ribs (2) 1/8" lite ply
- Precut trailing edge blocks (2) balsa
- Outer strut mount blocks (4) 1/4" plywood
- Otrbd servo plates&covers (2) 1/16" plywood
- Otrbd servo screw plates (4) 1/8" lite ply
- Otrbd servo cover strips (4) 1/8" lite ply
- 1/4" spar sheer webs (5) balsa
- 1/8" spar sheer webs (7) balsa
- 3/32" spar sheer webs (7) balsa

Section IV, Tail wood pack:

- 3/8" X 3/4" X 36" stock (1) balsa
- 3/8" X 5/8" X 36" stock (4) balsa
- 3/8" X 1/2" X 36" stock (3) balsa

Section IV, Bag #4:

- Rudder servo frame 1/8" lite ply
- Aft elevator servo spacer 1/4" balsa
- Lower servo frame 1/8" lite ply
- Gussets 1/8" lite ply
- Elevator servo screw plates (2) 1/8" lite ply
- Fly wire hard points (3) 1/4" plywood
- Hinge halves (22)
- #2 sheet metal screws (3)
- #2 washers (3)
- 6" nylon elevator hinge pin tubing (1)

Section V, Wing mount misc wood pack:

- Wing saddle protectors (2) 1/64" plywood
- Outer wing struts (4) 1/8" lite ply
- 1/4"X1/4"X10" upper fus stringer doublers(2) basswood
- 1/4" X 15" round carbon/fiber tube (1)

Section V, Bag #5:

- Forward center struts (2) .062" aluminum
- Aft center struts (2) .062" aluminum
- Center strut diagonal braces (2) .062" aluminum
- Outer strut fittings (8) aluminum
- 1/4-20 X 1" slot head bolts (2) nylon
- 4-40 X 3/4" bolts, ctr strut to fus black (4)
- backing washers (4) .062" aluminum
- Steel flying wire straps (2)
- 4-40X3/8" bolts, ctr strut assembly black (4)
- 4-40X3/4" bolts, ctr strut to wing silver (2)
- 4-40X1/2" bolts, outer struts black (8)
- #4 washers (28)
- 4-40 locknuts (10)
- 4-40 blind nuts (8)

Section V, Bag #6:

- Forward fuselage formers 1/8" lite ply
  - Forward wing (1)
  - Strut (1)
  - Instrument panel (1)
- Aft fuselage formers 1/8" lite ply
  - Back rest (1)
  - Middle (1)
  - Stabilizer leading edge (1)
  - Front of elevator servos (1)
  - Over servos (1)
- Precut stabilizer mounting rails (2) 1/4" balsa
- Back rest angles 1/8" lite ply

Section V, Bag #7:

- Wheel pants

- 4-40 X 1/2" bolts (6)
- 4-40 blind nuts (6)
- #4 washers (6)
- 8-32 X 1" bolts (2)
- 8-32 blind nuts (2)
- #8 washers (2)

Ail Fus misc wood pack:

- 3/16" X 3/16" X 36" fuse stringers(9)      balsa
- 3/8" X 3/8" X 36" aileron leading edges (4) balsa
- 1/16" X 3" X 36" aileron sheeting (8)      balsa
- 1/16" X 3" X 24" fwd fuselage sheeting (2) balsa
- 1/16" X 4" X 36" fuselage sheeting (4)      balsa
- 5/16" X 5/16" X 12" fuel tank mounts (2)    balsa
- 4-40 X 9" threaded steel rod

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- Rib template from section I and II
- .047" piano wire (4)
- Servos (8)      Not supplied
- 18" servo extensions (3)      Not supplied
- 16-20 Ounce fuel tank      Not supplied
- Fuel line      Not supplied
- Fuel dots or other fueling system      Not supplied
- Engine      Not supplied
- Engine mount      Not supplied
- Throttle linkage      Not supplied
- Foam padding      Not supplied
- Tie wraps for radio and fuel tank      Not supplied
- Shrink wrap for servo connections      Not supplied
- Channel splitter for less than 8 ch radio      Not supplied
- Ail and Fus misc wood pack:
  - 1/16" X 3" X 36" sheets (8)      balsa
  - 3/8" X 3/8" X 36" leading edges (4)    balsa
- Bag 8 contents:
  - Aileron ribs (24)      1/8" balsa
  - Horn mount ribs      balsa
  - Hinge halves (32)
  - #2 sheet metal screw (4)
  - #2 washers (4)

- 4-40 locknuts (2)
- #4 washers (4)
- Bag #9 contents:
  - Cable 22 feet
  - 4-40 quick links (12)
  - 4-40 nuts (12)
  - Rigging couplers (12)
  - Crimp rings (24)
  - 4-40 X 1/2" cowl bolts (4)
  - #4 washers (4)
  - 4-40 blind nuts (4)
  - 4-40 X 3/4" tail bolts (3)
  - 4-40 locknuts (3)
  - #4 washers (8)
  - #4 sheet metal screws (2)
  - #2 sheet metal screws for canopy (5)
  - #2 washers (5)
  - Glass cloth