Leading edge 3/8 x 5/8 and 3/16 x 3/6
W1
W2
W3
1/8 x 1/4 top and bottom
Filler block
1/16 plywood dihedral braces. Fit between spars with 1/4 sheet before adding braces.
1/16 sheet top and bottom of center section only.
1/4 x 1/8 spruce - epoxy to struts
1/8 plywood struts
1/2 x 1/4
1/8 sheet doublers
Plywood firewall
F1
Mark position of F3
F2
Epoxy tailskid into vee at rear.
1/8 balsa epoxy to struts.
Hatch from 1/8 sheet and triangle strip. Make tight fit between sides.
1/8 plywood landing gear mount
Plastic spacers
1/2 x 1/2
Landing gear clips and sheet metal screws.
Preformed wire landing gear
Trailing edge 1/16 x 1 top and bottom.
DIHEDRAL 1-1/2" under end rib
WING
1. Glue leading edge parts together then fasten L.E., T.E. and spars to building board. Add ribs, except W1, allow room for sheeting under W2.
1/8 sheet wing tips.
1/8 sheet stabilizer and elevators.
Hinges not shown. Use thread, mylar or commercial hinges - see rudder.
Round off leading and trailing edges
Glue cloth over wire elevator joiner
FOR W1 CUT AT DOTTED LINE (2 REQ'D)
W2 (2 REQ'D) ALL RIBS ARE 1/16" BALSA
Soldered washer or collet to retain wheels
W3 (14 REQ'D) 1/16" BALSA
FLYING NOTES
Model flys best if it is kept between wingtips.
Before flying -
insure heavily
dig foxhole
notify Pentagon
OS MAX 10 shown this view
Landing gear mount
elevator servo
rudder servo
1/8 x 5/8 plywood servo mounts
1/2 x 3/8 servo rails
F1 1/8" BALSA 2 REQ'D
F2
1/8" BALSA
2. Prop up wing to dihedral angle then cut and sand wing root until vertical.
1/8 fin and rudder
1/8 x 1/2 fin post
BOONDOCKER .09 shown this view
FIREWALL 3/16" PLY
1.25 times
BALANCE POINT
IMPORTANT Use epoxy glue thru cut center section struts
Receiver area
1/4 x 1/8 former braces
Spinner is essential to maintain the clean aerodynamic shape of this model
TANK Moonshiner 1 gal shown SULLIVAN RST-4 optional
HOBBY SHACK CIRRUS 2 channel radio shown
Nyrods or pushrods. Support Nyrod with strip of plywood
Midwest motor mounts shown. Tatone or Kraft-Hayes also suitable
Tank vent
Firewall 3/16 plywood
1/8 sheet sides, top and bottom
3. Support both wings at correct dihedral angle, glue together and glue plywood dihedral brace each side of spar. Finally, glue in ribs W1 and sheet cover top and bottom between W1 and W2.
Battery area
3" Wilkens wheels Use Dubro or similar if flying from quick sand.
1/8 plywood landing gear mount
DESIGNED BY BOB McVICKAR
Drawn by Jonathan Ball for
TWO OR THREE CHANNEL SPORT
WINGSPAN 48" : WING AREA 319 SQ INS
ENGINES .049-.10
ALL WOOD IS BALSA UNLESS STATED OTHERWISE
THE REAL THING