1/16" sht (top)
3/16" sq. L.E.
C1
1/8" sht. aux spar
C2
1/8" sht. dihedral braces
1/8" x 1/4" spar
1/8" x 1/2" spar
1/8" sht. polyhedral braces
1/8" sht. Aux. spar
1/16" x 1/4" cap strips (top)
C3
3/16" x 3/4" T.E.
W1
W2
W3
W4
W5
3/16" sht. tip outline
S1
S2
S3
S4
S5
S6
*Note: All ribs 1/16" sht.
3/16" sht. tip & T.E.
3/16" sq. L.E.
1/8" sq. spar
1/8" x 3/8" spar
1/16" sht. (top)
Fill
"A" Glued to ribs
1/8" slot for "Keys"
1/16" x 3/16" cap strips (top)
G3 1/2" sht. (solid lines)
G1 (trim to broken line after assembly) 1/8" sht.
G2 1/8" sht (broken lines)
Motor mount .047 Alum sht.
¢ of band
clamp in vise here
note round corner
Hardwood block
motor mount bending
1/8" sht.
1/8" Ply.
3/8" x 5/8" Bass
motor bulkhead
.020 Alum brace
wood block bolted w/ engine
1/16" sht.
1 1/2"
2"
7 1/2" wire length
4 1/4"
motor mount & ign tray (removable)
C1
C2
3/16" sht.
C3
F7
F8
F9
F10
Wing center section
1/4" sht. "Keys"
Q1 3/16" sht.
Q2 3/16" sht.
*Note: All bulkheads 1/8" sht.
F2 (broken lines)
F1 (Solid lines) 1/16" Ply.
F3
F4
F5
F6
step 1 inner frame
step 2
step 3
pull gussets taut & tape in place
narrow band to mount silk
wet silk
tape in place
Dihedral detail
2 3/4"
7"
part "A" 3/16" sht. mount to fuse leaving 1/8" slot for tail "Keys"
"A"
1/8" sht. "Keys"
"B"
Rudder detail
cowl detail
clips to motor mount
.028 wire
1/16" Alum. tube
3/16" sht. wing mount
1/4" slots for 1/4" sht. wing "Keys"
.040 wire Rubber hooks
3/16" sq.
Q1
Q2
Trim planking to this line
Fuselage planked w/ 1/8" x 3/8"
G3
G1
1/4" sht.
1/8" sht. Floor
1/8" sht. (both sides)
F2
F3
Bicycle spoke
F4
F5
F6
Inner frame
F7
F8
F9
F10
3/16" sq.
planked w/ 1/8" sht.
Alum. Vent.
1/8" wire
2 1/2" Airwheels
1/4" O.D. Alum. Tubing
1/16" sht.
rubber hook
"A"
Rubber hooks
"B"
3/16" sht.
Part "B" 3/16" sht.
*Note: All parts balsa unless otherwise noted.
Top view Inner Frame
inner frame all hard 1/8" sq.
side view Inner Frame
*Note: Uprights not true length.
KGS
Designed by: Henry Struck
published in Feb & march M.A.N. 1940
Drawn in Ink by:
Specs.
span 66"
area 590 " "
weight 32 oz.
MODEL BUILDER magazine