DOUBLE FLYING WIRES PARALLEL TO BOTH SPARS, BUTTON THREAD

1/16" PLYWOOD JOINERS

RUDDER BRACES BUTTON THREAD

CONTROL LEADS .018" FLEXIBLE CABLE

TIE-ROD 1/32" DIA. WIRE

DOUBLE LANDING WIRES PARALLEL TO FRONT SPAR ONLY

1/2"

COWL HOLD-ON SCREWS

L-1 17 REQ'D.

U-1 19 REQ'D.

L-2 2 REQ'D.

U-2 2 REQ'D.

K-K

U-3 2 REQ'D.

BIND WITH RUBBER

FRONT VIEW

WING RIBS ALL 1/8" SHEET

RED VEE STRIPE

1/4"X 9/32" PINE

1/4"X 1/4" PINE

3/16"X 1/2" BALSA

3/16" SQ.

1/4"X 3/8" PINE

1/4" X 5/16" PINE

3/16"SQ.

3/16"X 1/2" BALSA

LOWER WING PLAN

UPPER WING PLAN

YELLOW

L-1

L-2

1/4" SHEET

BLUE

WHITE

RED

U-1

U-2

U-3

1/4" SHEET

YELLOW

DRILL 1/32" DIA., BIND WITH THREAD

STRUTS 1/16" DIA. MUSIC WIRE

CLIP S

1/8" 27/32" 5/32"R.

.020 DURAL

CLIP H

1/8" 1 1/16" 5/32"R.

ATTACH WITH SCREWS

INSTRUMENT PANEL 1/8" SHEET

4-40 SCREW

1/16" PLYWOOD

STRINGERS 1/8" SHEET

TANK MOUNT 1/16" PLYWOOD

B+B

C+C

SOLDER LAP JOINT

ATTACH CLIP X AND Y WITH 4-40 SCREWS

1/8" O.D. COPPER TUBING

1-1/2"

1-1/4"

1-3/4"

FUEL TANK .005 BRASS SHEET

K

FABRIC HINGES

K

1/4" SHEET

YELLOW

DARK BLUE

TYPICAL SECTION

3/8"

DRILL 1/16" DIA. LEFT SIDE LINE GUIDE

CABANE STRUTS 1/16" DIA. MUSIC WIRE

TOP FAIRING BLOCK 1-1/8"X 2-1/2"X 15-1/2"

4-1/2" DIA. ALUMINUM COWL

CLIP X

TOP VIEW

PUSH-ROD 1/16" DIA. MUSIC WIRE

CLIP S

NEEDLE VALVE EXTENSION

1/16" PLYWOOD SIDES

LONGERONS 3/16" SQ HARD BALSA

TOP VIEW TOP FAIRING REMOVED

1/32"X 5/16" BRASS SHEET LUGS SOLDER IN PLACE

.020" ALUMINUM SHEET HINGE

3/32" DIA. MUSIC WIRE

TRUE LENGTH

WING STRUTS 1/8" X 5/16" PINE

G-G

WINDSHIELD .010"CELLULOID

1/16" DIA. MUSIC WIRE

MEDIUM BLUE

RED

WHITE

RED

ELEVATOR HORN 4-40 SCREW

BIND AND SOLDER

BIND AND SOLDER

0° INC.

DARK BLUE

LANDING GEAR ATTACH WITH 2-56 SCREWS

YELLOW

1/8" SHEET

1/4" SHEET

F+F

O & R .23 ENGINE ROTARY VALVE, GLOW PLUG

C.G.

SKID 1/16" DIA. MUSIC WIRE

SIDE VIEW

CLIP H

CLIP Y

0° INC.

DRILL TO MATCH FIRE-WALL, SOLDER 4-40 NUTS

DRILL 1/4"

DRILL 1/8" 3 HOLES

1-7/16" D.

1/16" PLYWOOD FLOOR

2-5/8" DIA. WHEELS

BEND TO FIT

DRILL TO MATCH FIRE-WALL, SOLDER 4-40 NUT

CLIP Y

DRILL 1/8"

CLIP X

1/4" R.

120° 120°

DRILL 1/16" 3 HOLES

3/8" 1/4" 1/2" 1-3/16"

1/32" BRASS SHEET

1/4" 1/2" 5/8" 3/8" 3-5/8"

A-A

FIREWALL 1/8" PLYWOOD

D-D

E-E

DRAWN BY: DICK EALY

TRACED BY: S. CALHOUN SMITH

SCALE INCHES

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17