5/8" KS STREAMLINE ALUMINUM TUBE SPREADERS (2)

1/8" BALSA SIDES (4)

1/8" BALSA
⑧

TRANSOM

TRANSOM
1/8" PLY.
⑧

SPREADER

5/32" WIRE

SPREADER

5/32" WIRE

TO RUDDER HORN

BALSA NOSE BLOCK

1/4" SQ. SPRAY STRIP

⑨

TILLER BAR
SOLDER
2-56 LOCK NU
CLAMP
RUDDER

3/4" OZ. LEAD

5/32" COLLAR

5/32" COLLAR

1/4" PLY.

1/4" X 3" BALSA TOP

CG 5/32" NYLON
L.G. CLAMPS
5/32" COLLAR

⑧

2-56 BOLT

① ② ③ ④ ⑤ ⑥ ⑦

CRIMPED ALUM. TUBE

5/32" WIRE (2)

1/16" WIRE GUIDE IN FUSELAGE
TO RUDDER HORN

6 LB. MONOFILAMENT

RUDDER HORN
.030 BRASS

2-56 BOLT & NUT
SOLDER

#2 X 3/8" SCREW

ATTACH TO AIRCRAFT RUDDER

SOLDER

1/16" WIRE

CG 5/32" NYLON LG CLAMPS
WRAP WITH COPPER WIRE AND SOLDER

RUDDER ON LEFT
FLOAT ONLY

NOTE: AS THE SIDES CURVE INWARD AT THE FRONT, BEND THE TOP DOWN TO MATCH.

1/16" WIRE

SOLDER
TILLER BAR

BENT PIN HOOK
CRIMPED TUBE

5/32" BRASS
TUBE BEARING

SOLDER

#4 SCREWS

BRASS CLIP
2-56 BOLT
(LOOSE)

1/4" BALSA TOP

1/4" PLY.

3/4 OZ. LEAD

1/4" X 1/2" BALSA
1/8" PLY.
1/4" SQ.

SPREADER

SPREADER

1/4" X 1/2" BALSA
1/8" PLY.
1/4" SQ.

1/8" BALSA SIDES

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

BALSA
BLOCK

1/4" BALSA KEEL

1/8" BALSA BOTTOM

1/4" SQ. KEEL

SOLDER
3/32" WIRE IN
1/8" BRASS TUBE

.030
BRASS

1/8" BALSA BOTTOM

SPREADER

1/4" TOP

1/4" SQ.
1/8" PLY.

1/4" SQ. SPRAY STRIP

1/4" BALSA KEEL

① 1/8 BALSA
1/8" BALSA
(2)

② 1/8 B
1/8" BALSA
(2)

③ BALSA
1/8" BALSA
(2)

④
1/8" BALSA
(2)

⑤
1/8" BALSA (2)

⑥
1/8" BALSA
(2)

⑦
1/8" BALSA
(2)

.030 BRASS CLIPS FOR
RUDDER BEARING TUBE

COVER FLOATS WITH 3/4 OZ. GLASS CLOTH AND RESIN

LENGTH	31"
WEIGHT	26 OZ.
TOTAL FLOATATION	13 LBS.

GOLDEN OLDIE FLOATS

FLOATS FOR AIRCRAFT WEIGHING 6 - 8 LBS.

DESIGNED AND DRAWN BY FRED REESE

0 1 2 3 4 5 6

PLAN NO. 90