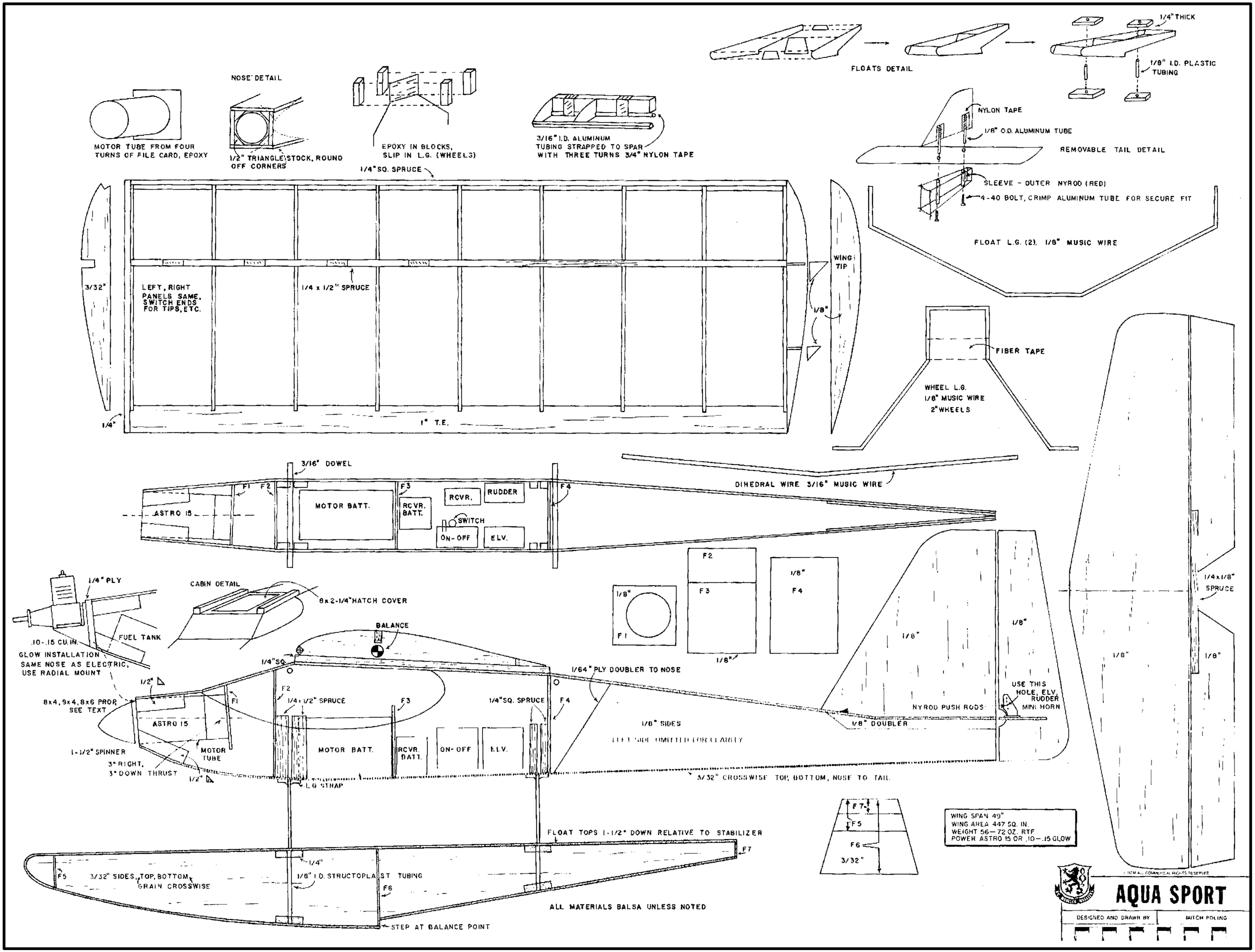
MOTOR TUBE FROM FOUR TURNS OF FILE CARD, EPOXY
NOSE DETAIL
1/2" TRIANGLE STOCK, ROUND OFF CORNERS
EPOXY IN BLOCKS, SLIP IN L.G. (WHEELS)
3/16" I.D. ALUMINUM TUBING STRAPPED TO SPAR WITH THREE TURNS 3/4" NYLON TAPE
FLOATS DETAIL
1/4" THICK
1/8" I.D. PLASTIC TUBING
NYLON TAPE
1/8" O.D. ALUMINUM TUBE
REMOVABLE TAIL DETAIL
SLEEVE - OUTER NYROD (RED)
4-40 BOLT, CRIMP ALUMINUM TUBE FOR SECURE FIT
FLOAT L.G. (2). 1/8" MUSIC WIRE
1/4" SQ. SPRUCE
3/32"
LEFT, RIGHT PANELS SAME, SWITCH ENDS FOR TIPS, ETC.
1/4 x 1/2" SPRUCE
WING TIP
1/8"
1/4"
1" T.E.
FIBER TAPE
WHEEL L.G. 1/8" MUSIC WIRE 2" WHEELS
3/16" DOWEL
F1
F2
F3
F4
ASTRO 15
MOTOR BATT.
RCVR. BATT.
RCVR.
RUDDER
SWITCH
ON-OFF
ELV.
DIHEDRAL WIRE 3/16" MUSIC WIRE
1/4" PLY
CABIN DETAIL
8x2-1/4" HATCH COVER
FUEL TANK
.10-.15 CU.IN. GLOW INSTALLATION SAME NOSE AS ELECTRIC, USE RADIAL MOUNT
BALANCE
1/4" SQ.
1/2"
8x4, 9x4, 8x6 PROP, SEE TEXT
1/4 x 1/2" SPRUCE
1/4" SQ. SPRUCE
1/64" PLY DOUBLER TO NOSE
1/8" SIDES
LEFT SIDE OMITTED FOR CLARITY
1/8" DOUBLER
NYROD PUSH RODS
USE THIS HOLE, ELV. RUDDER MINI HORN
1-1/2" SPINNER
3" RIGHT, 3" DOWN THRUST
MOTOR TUBE
L.G. STRAP
3/32" CROSSWISE TOP, BOTTOM, NOSE TO TAIL
1/4 x 1/8" SPRUCE
FLOAT TOPS 1-1/2" DOWN RELATIVE TO STABILIZER
F5
F6
F7
3/32" SIDES, TOP, BOTTOM, GRAIN CROSSWISE
1/8" I.D. STRUCTOPLAST TUBING
ALL MATERIALS BALSA UNLESS NOTED
STEP AT BALANCE POINT
WING SPAN 49"
WING AREA 447 SQ. IN.
WEIGHT 56—72 OZ. RTF
POWER ASTRO 15 OR .10—.15 GLOW
AQUA SPORT
DESIGNED AND DRAWN BY
MITCH POLING