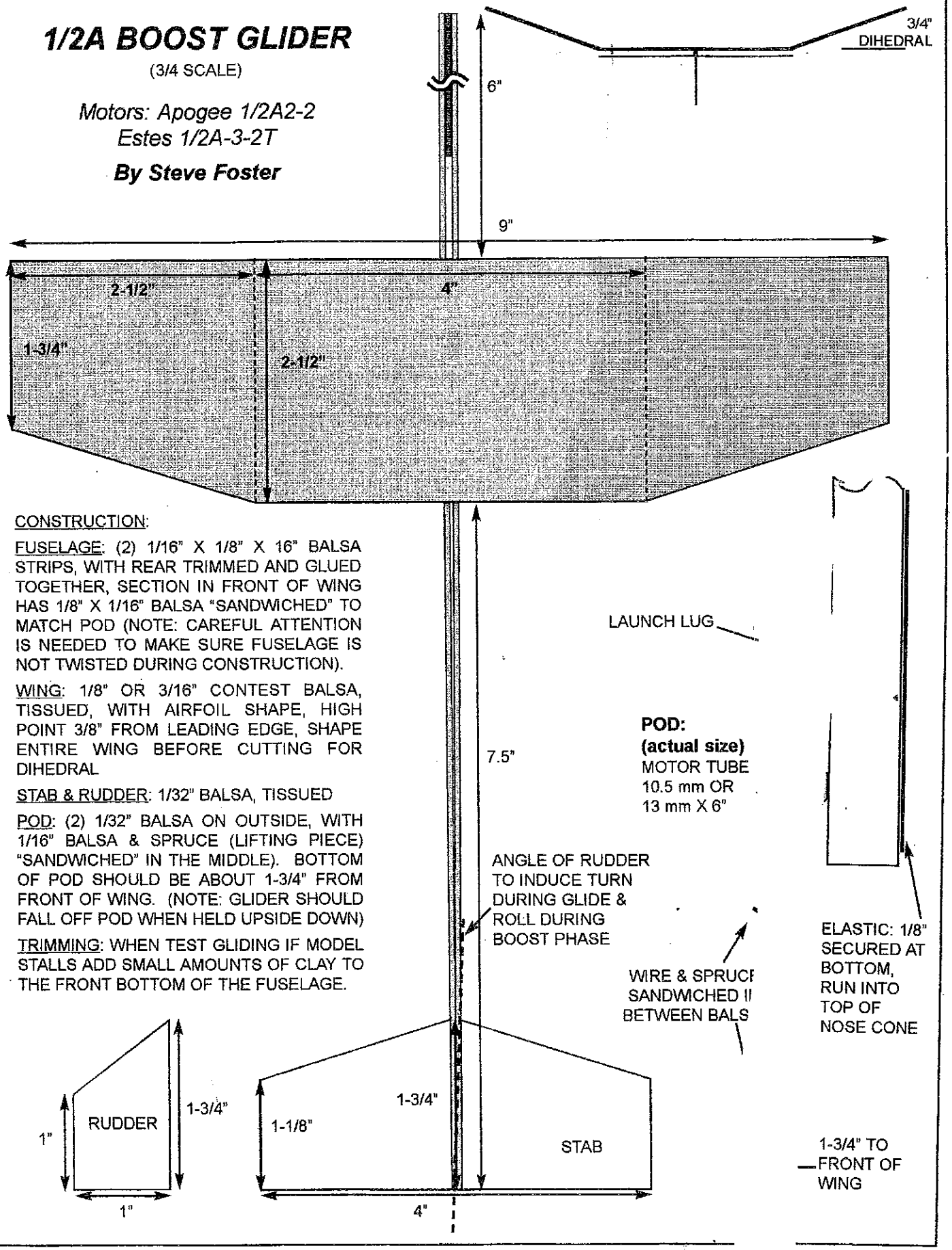
1/2A BOOST GLIDER

(3/4 SCALE)

Motors: Apogee 1/2A2-2
Estes 1/2A-3-2T

By Steve Foster



CONSTRUCTION:

FUSELAGE: (2) 1/16" X 1/8" X 16" BALSA STRIPS, WITH REAR TRIMMED AND GLUED TOGETHER, SECTION IN FRONT OF WING HAS 1/8" X 1/16" BALSA "SANDWICHED" TO MATCH POD (NOTE: CAREFUL ATTENTION IS NEEDED TO MAKE SURE FUSELAGE IS NOT TWISTED DURING CONSTRUCTION).

WING: 1/8" OR 3/16" CONTEST BALSA, TISSUED, WITH AIRFOIL SHAPE, HIGH POINT 3/8" FROM LEADING EDGE, SHAPE ENTIRE WING BEFORE CUTTING FOR DIHEDRAL

STAB & RUDDER: 1/32" BALSA, TISSUED

POD: (2) 1/32" BALSA ON OUTSIDE, WITH 1/16" BALSA & SPRUCE (LIFTING PIECE) "SANDWICHED" IN THE MIDDLE). BOTTOM OF POD SHOULD BE ABOUT 1-3/4" FROM FRONT OF WING. (NOTE: GLIDER SHOULD FALL OFF POD WHEN HELD UPSIDE DOWN)

TRIMMING: WHEN TEST GLIDING IF MODEL STALLS ADD SMALL AMOUNTS OF CLAY TO THE FRONT BOTTOM OF THE FUSELAGE.