

**SZD ZEFIR II**  
 designed by  
 Károly Kóvács  
 140 wingspan 5/24/195 approx  
 scale sailplane for 4 function  
 r/c equipment

unless stated otherwise all wood  
 is balsa  
 scale 5/24 approx 1/5  
 all surfaces and controls other than  
 flaps are scale  
 reference aeromodeller may 1967  
 plan pack 2866

### Flying Notes

all up weight approx 4-1/2-5-1/2 lbs. fly fairly  
 fast use flaps on landing approach, deploy slowly  
 on final, model will slow and virtually land herself  
 with no problems

### Control Movements

ailerons and rudder are coupled  
 using a Y lead on the prototype,  
 aileron 5/8" up, 1/2" down approx  
 measured from c/l of dowels,  
 elevator 1/2 each way, rudder 1-1/2"  
 each way, flap full movement 3/4"  
 down

frame fuselage formers up on top and bottom 1/8" jig sheets,  
 fix longerons, then sheet tail cone in 4 segments using 1/8"  
 sheet sides, join and glue to prepared front U block, fix caps  
 to rear fuselage, shape with razor plane, fix tail group, take care  
 with control horns cutting down aileron horn to use as rudder  
 horn, check movements before final assembly

light sea green  
 lettering w/s part wing  
 top of starboard  
 colour scheme  
 main airframe - light sea green  
 fuselage and fin trim - orange  
 lettering & numbers - black

orange  
 light sea green  
 pk screw green

1/8" ply  
 centre piece

shaped lead nose weight, fix  
 with epoxy, adjust size to  
 achieve correct c of g position

feet slides carved  
 out of lead

these 2 ribs each laminated  
 1/16" ply and 3/32" balsa

1/8" ply bellcrank  
 mount

rebar horn hinge point, 16 swg bellcrank pushrod  
 retained with swing in keeper to permit tip to be removed

1/8" ply wing mount  
 4 ba captive nut

