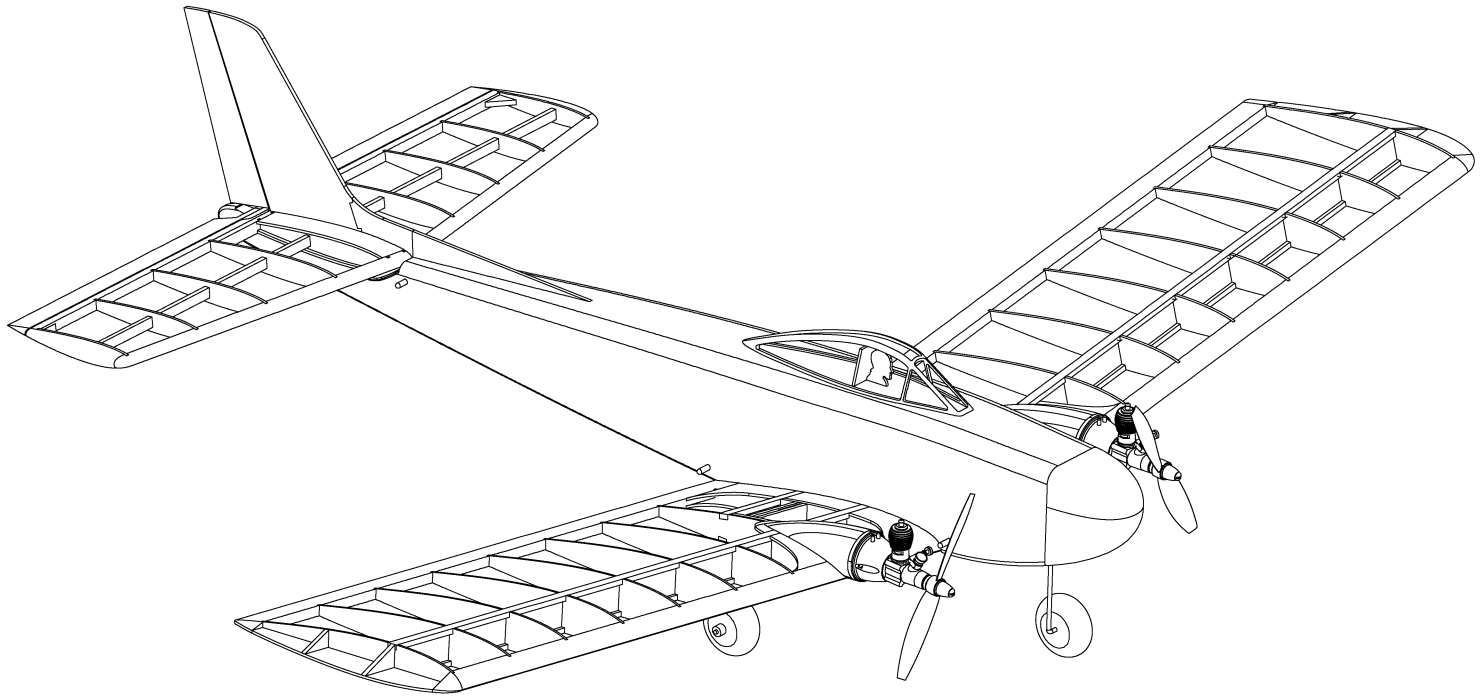


JR. SKYLARK

By Carl Goldberg



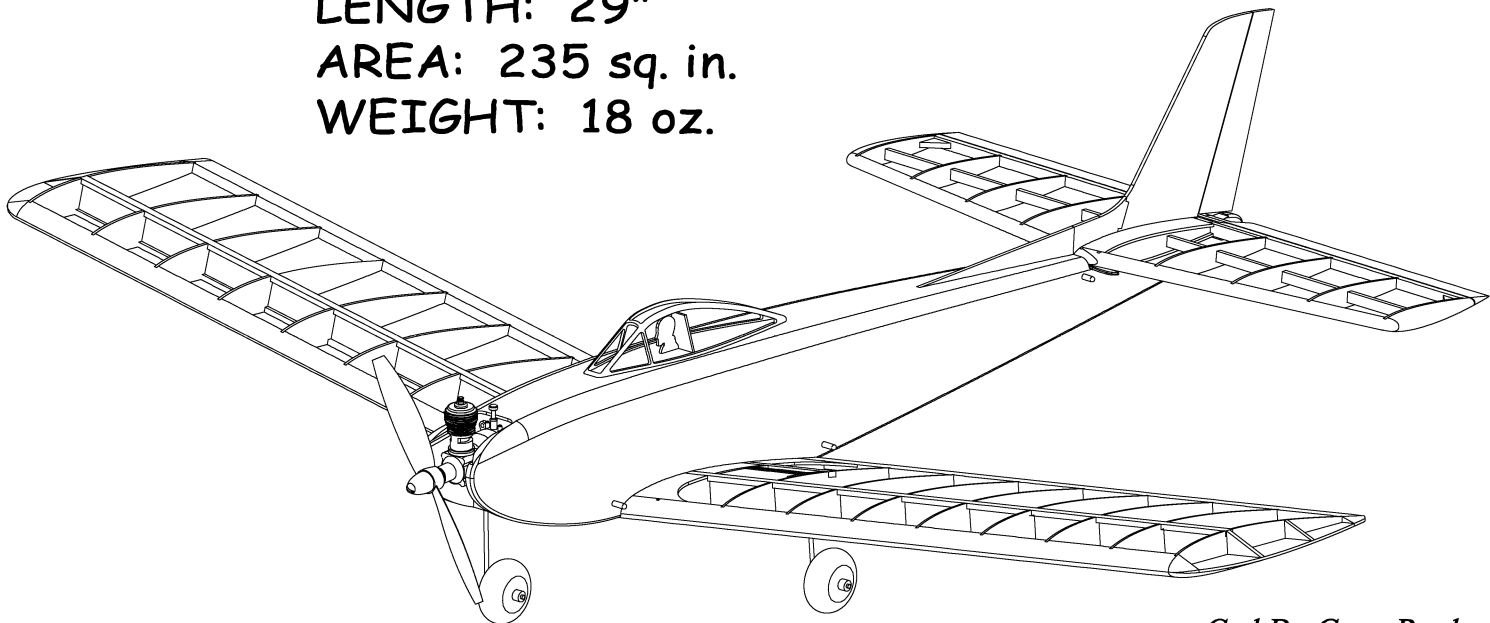
optional single or twin engine R/C
FOR .010 -- .049 ENGINES

SPAN: 37"

LENGTH: 29"

AREA: 235 sq. in.

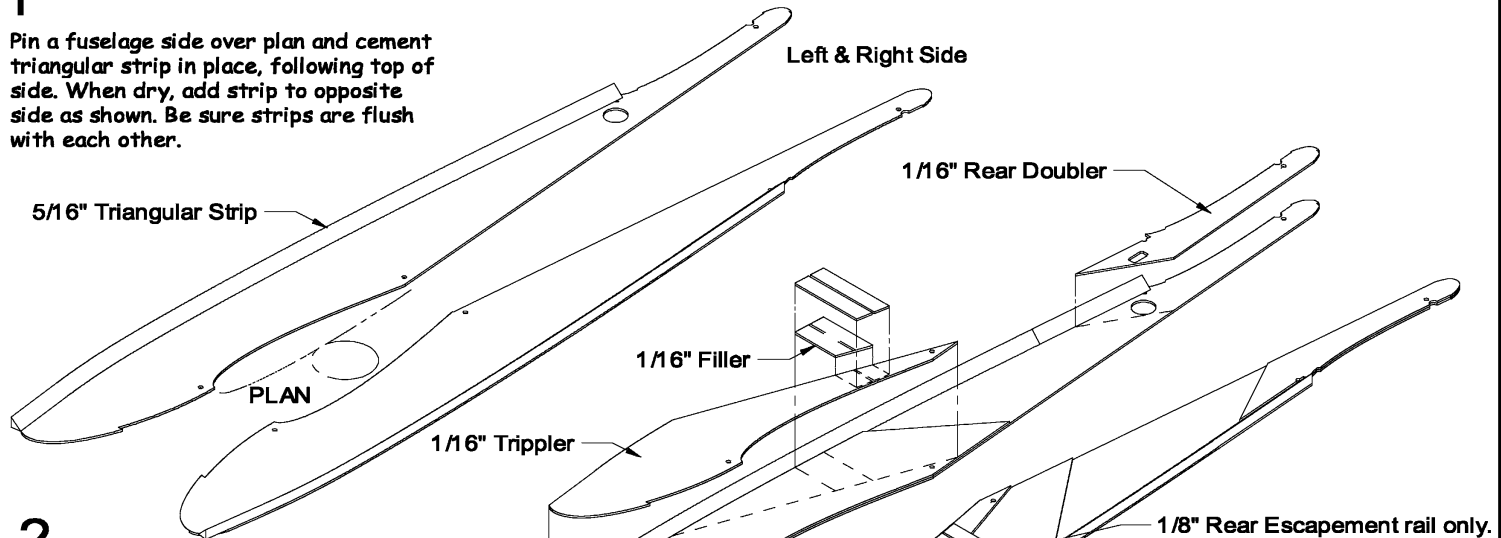
WEIGHT: 18 oz.



Cad By Gene Rock

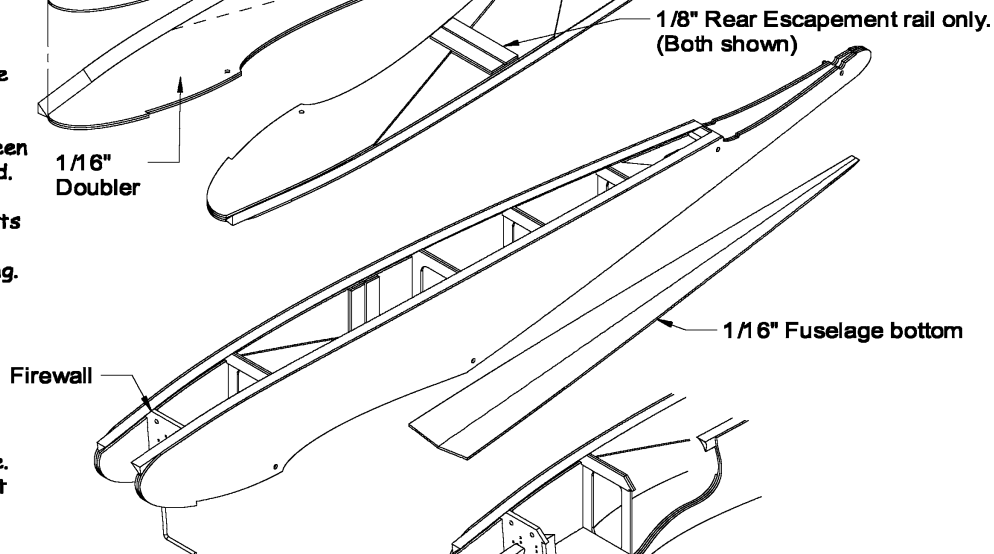
1

Pin a fuselage side over plan and cement triangular strip in place, following top of side. When dry, add strip to opposite side as shown. Be sure strips are flush with each other.



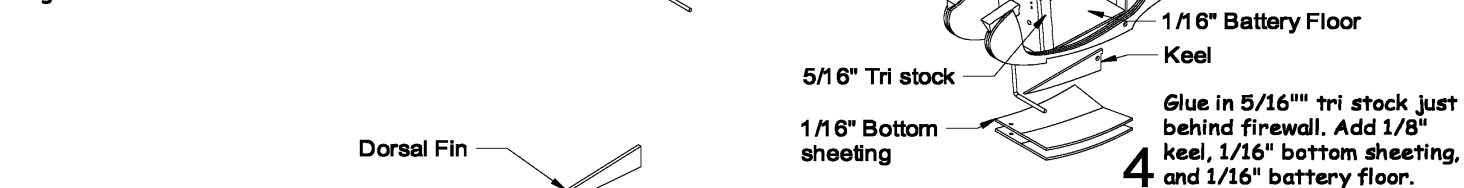
2

Glue doublers and triplers to sides using white glue such as Elmers or Wilhold. Spread glue evenly on both surfaces, and sprinkle a few grains of sand (from coarse sandpaper) between parts to prevent sliding when weight is applied. Temporarily, pile weights such as books to squeeze out excess glue. Then take off weights and remove excess glue from notches, etc. Replace weights to keep sides flat while drying. When dry add 1/16" fillers and 1/8" rear escapement rails.



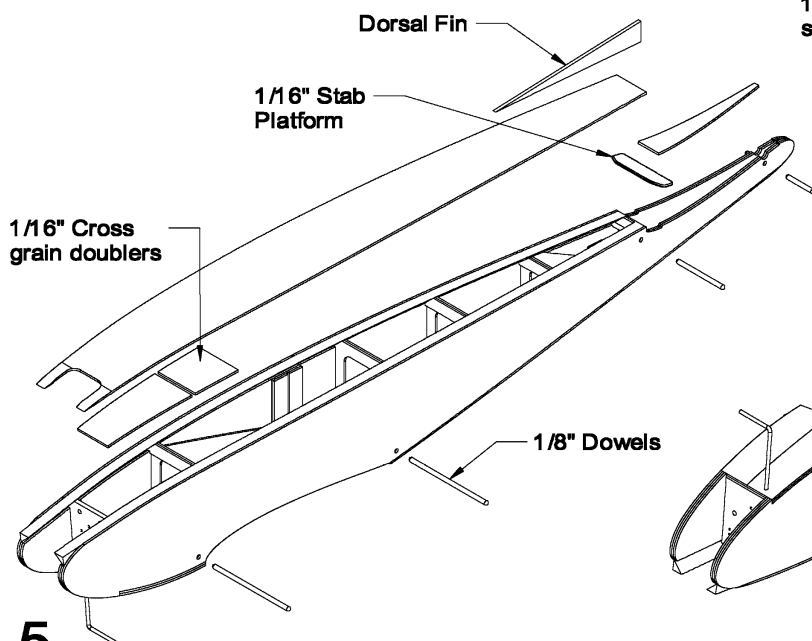
3

Join fuselage sides with all bulkheads in place. **IMPORTANT:** Proceed immediately to cement fuselage bottom in place to help assure good alignment.



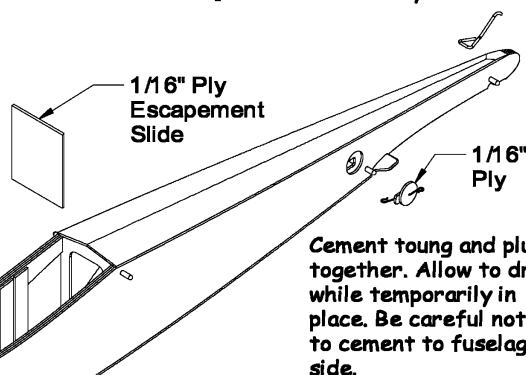
4

Glue in 5/16" tri stock just behind firewall. Add 1/8" keel, 1/16" bottom sheeting, and 1/16" battery floor.



5

Add fuselage top. When dry, carve and sand fuselage to final shape. Cover fuselage before installing dowels and dorsal fin. Next add torque rod assembly, then 1/16" stab platform.

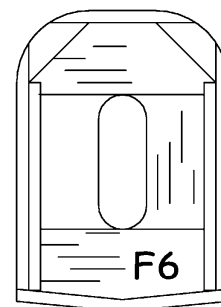
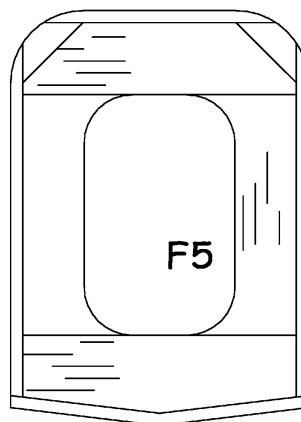
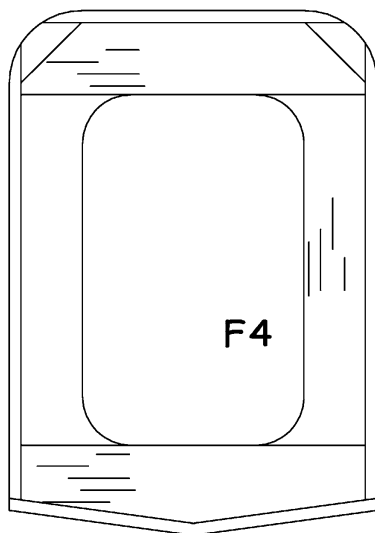
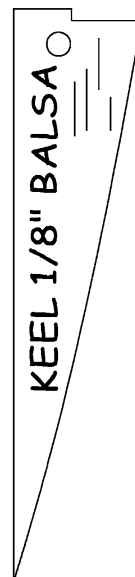
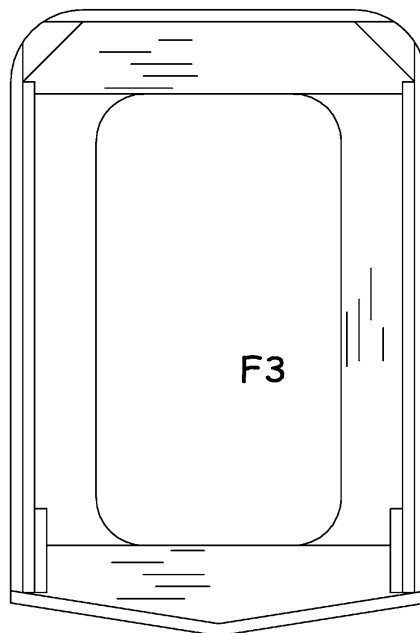
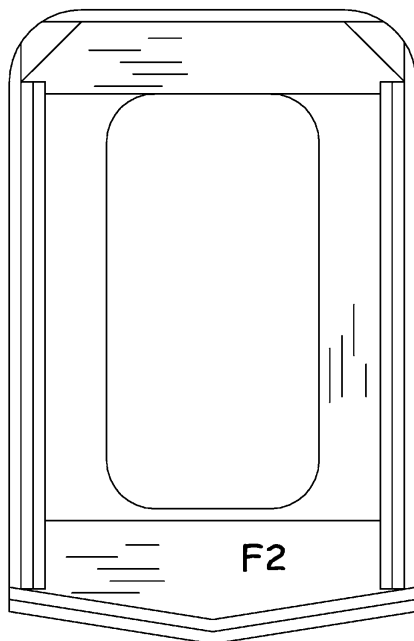
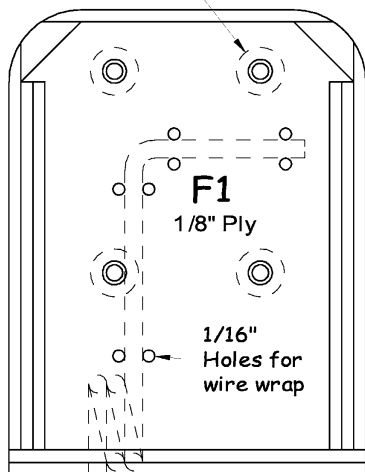


6

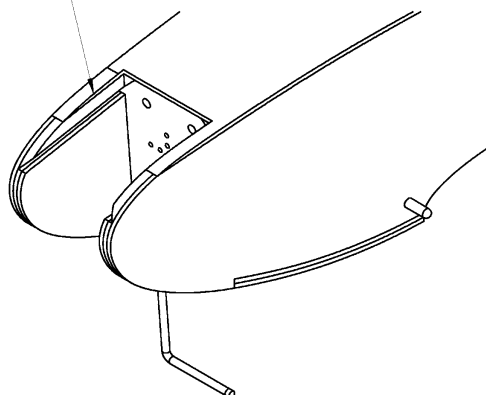
To install torque rod, drop a threaded needle through torque rod hole from rear. Cement thread to the very tip of torque rod wire and draw back through hole at rear. When the rod swings freely, cement lower part of slide and remaining escapement and receiver slide rails in place.

#2-56 Blind Nuts

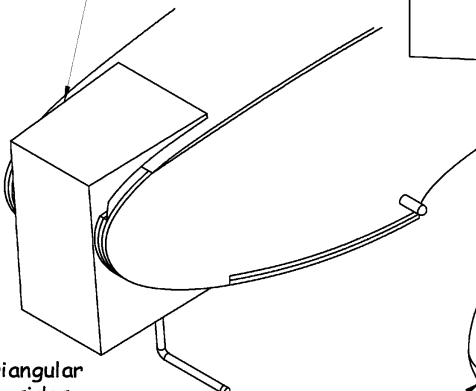
All bulkheads 1/16" balsa unless noted



Trim flush with side

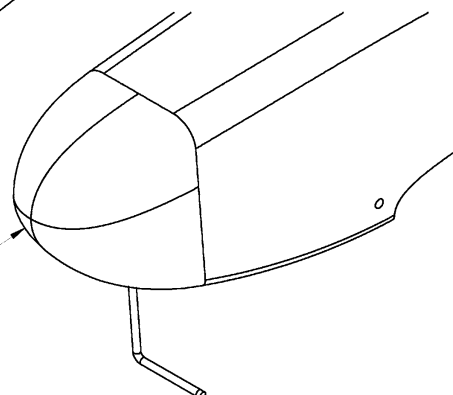


Nose Block

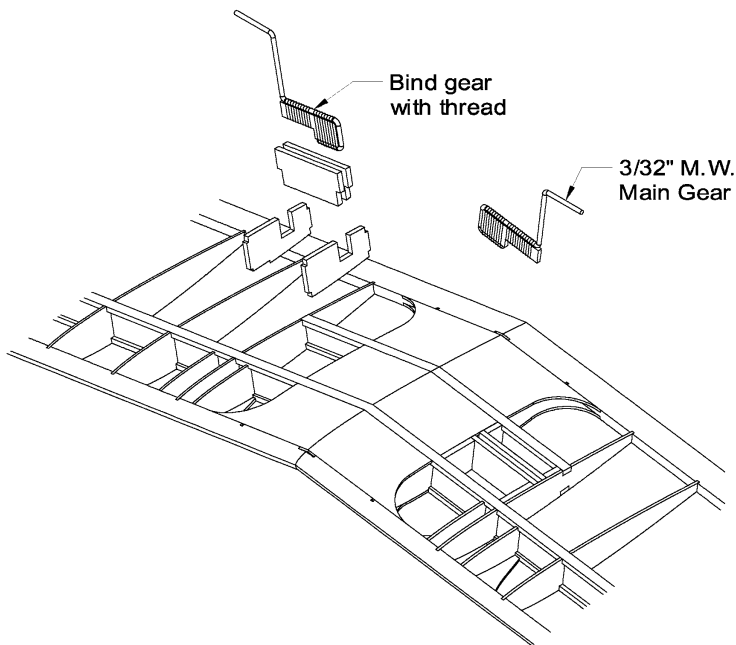


BATTERY COMPARTMENT FLOOR
1/16" BALSA

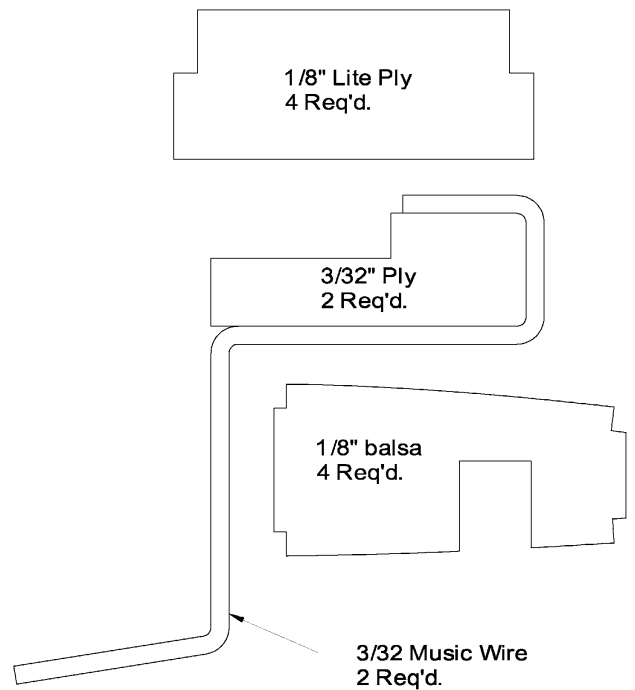
Carve and sand to final shape



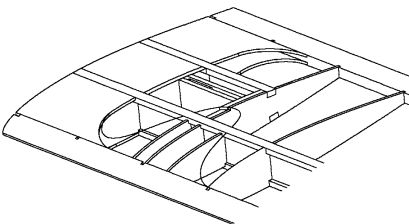
If twin engine version is being built, trim triangular strip flush with fuselage side, and spreading sides slightly, cement nose block in place. Carve and sand to final shape indicated in 1/2 scale drawing of twin version. Fill any small openings with scrap balsa and glue.



Do not cement thread wrapped main gears in place until wing is covered.



Nacelle Assembly



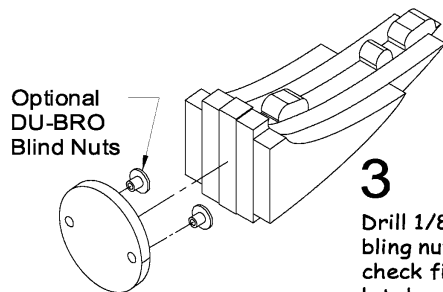
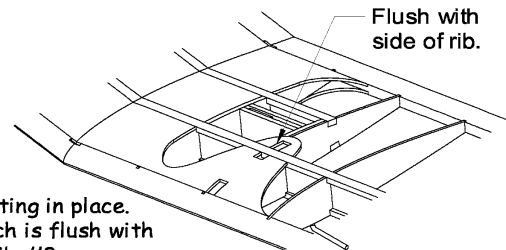
1
Install false ribs as indicated in dotted lines on wing plan view. When dry, recess wing rib #3 1/16" to receive sheeting.

1/8" shear web up to wing rib #4 to support main landing gear. Use 1/16" shear webs for the remainder of wing.

1/16" Balsa False rib
4 Req'd

2

Cement nacelle sheeting in place. Be sure edge of notch is flush with outside surface of rib #3.

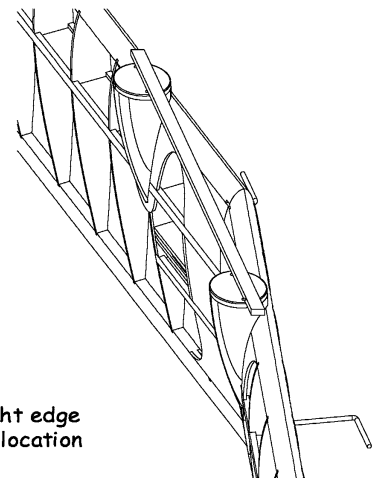


3

Drill 1/8" holes for engine. Install blind nuts. Assembly nacelles and check fit on wing. REMOVE and let dry.

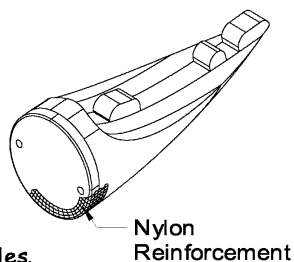
4

Line up holes with a straight edge and mark nacelle face for location of blind nut recess.



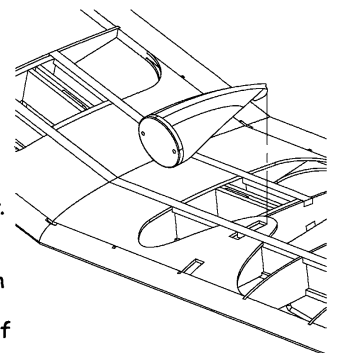
5

White glue firewalls to nacelles. When dry, carve and sand to final shape. Add nylon reinforcement.

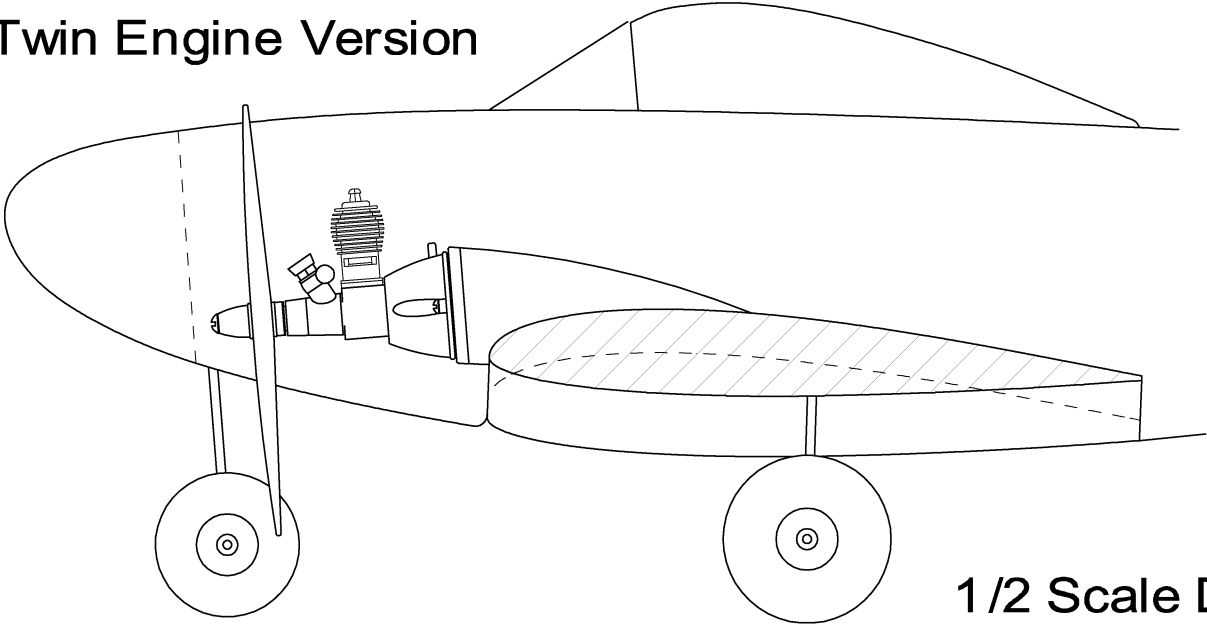


6

Cover wing and nacells separately. Cut notches in wing covering and cement nacells securely in place. (Covering not shown.) NOTE: Iron on coverings will require removal of wing covering to within 1/16" of nacelle platform.



Twin Engine Version



1/2 Scale Drawing

