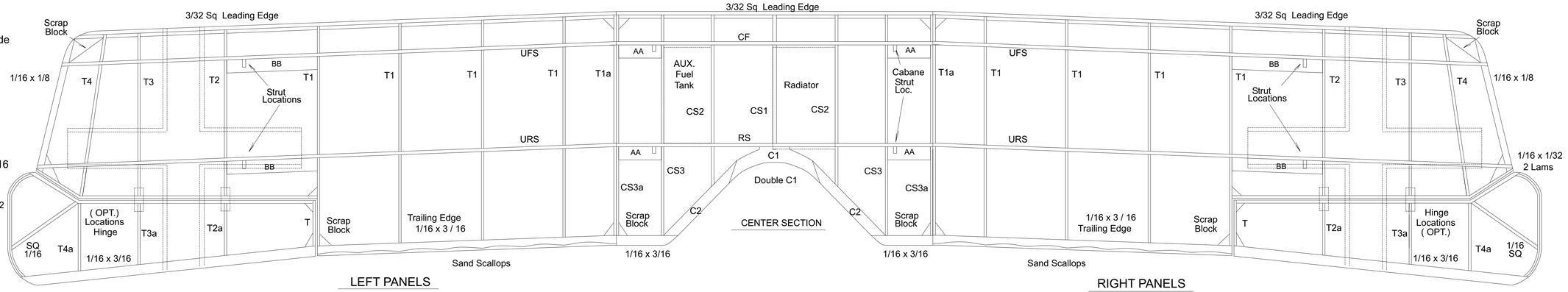
All wing spars interlock with ribs to provide greater strength and a more rigid panel

Aileron cap strips are cut from 1/16 x 3/16
Sand to wing profile

Aux. fuel tank and Radiator are cut from scrap balsa or stiff card

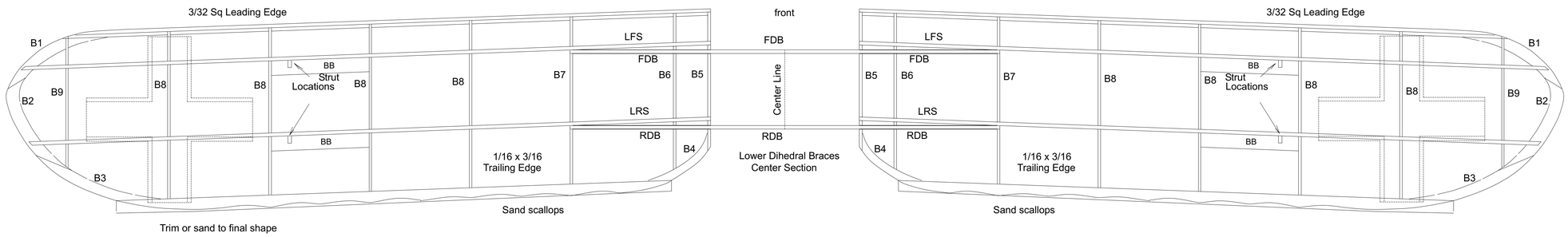


LEFT PANELS

RIGHT PANELS

Dihedral settings:

UPPER WING - 3/8" per panel
LOWER WING - 7/16" per panel



Trim or sand to final shape

GENERAL CONSTRUCTION NOTES

Wing and tail construction is basic and self explanatory. However, plans show details such as moveable ailerons and control surfaces. These should only be carried out by the more experienced builders for use in Micro Radio Control. Otherwise, construct wings as one unit. No special notes given for construction except for the following

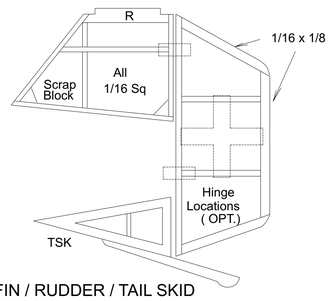
A) Strut blocks "AA" are cemented flush with the bottom of ribs CS3 and against spar.

B) Strut blocks "BB" are cemented flush with the bottom of ribs T1 and T2 and against spar for the top wing.

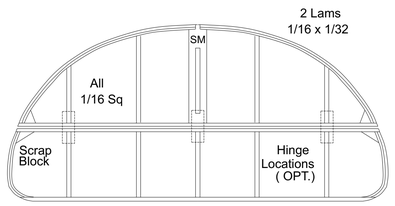
C) Strut blocks "BB" for the lower wing are cemented flush with the top of ribs B8 and against spar. Be sure "BB" follows contour of ribs.

The Top Wing Center Section should be completed first. It will be used as an aid to "jig" up for the Cabane struts. Then it will be returned to the plan and the two outer panels are built to it. Construct the lower wing panels as seperate units. When completed, install the wing dihedral brace FDB and RDB and cement in place. This will set the dihedral for both panels and complete the lower wing assembly.

Covering material is supplied by the builder. All National markings are either airbrushed on or by the use of colored tissue strips doped to the finished and sealed surfaces. All other details not shown on the plan are left up to the builder. This includes the use and placement of any power supply and Radio Control equipment.

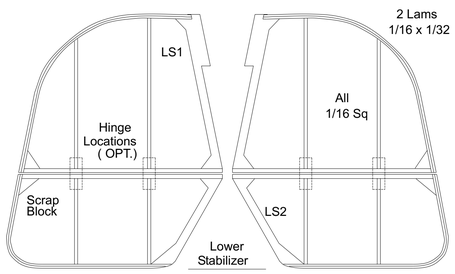


FIN / RUDDER / TAIL SKID



UPPER Stabilizer

Trace "inside" edges onto bond paper and glue to cardboard to form mold for laminating the tail parts. Be sure to allow extra length as it will be trimmed to fit.



15 - 1/16 sq x 15
5 - 1/16 x 3/16 x 12
5 - 3/32 sq x 12
1 - 1/8 x 3/8 x 6.50
1 - 3 x 12 x 1/32 Sheet for Lams

HANNOVER CL.IIIa		
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SCALE - 1:16	WINGSPAN - 29.125"	KIT # AW 001
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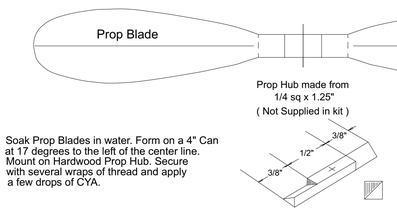
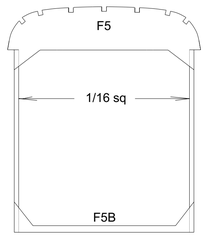
Plan Revised 12-2010



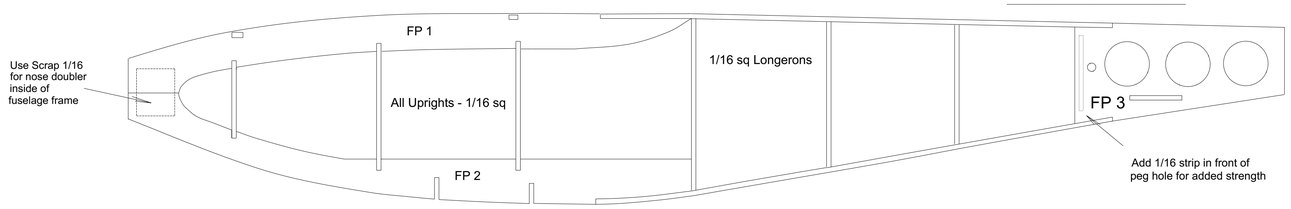
Soak Prop Blades in water. Form on a 4" Can at 17 degrees to the left of the center line. Mount on Hardwood Prop Hub. Secure with several wraps of thread and apply a few drops of CYA.

Suggested Power : 2-3 loops 3/16 Rubber

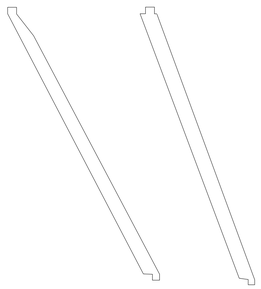


Cement 1/16 sq offsets flush with squaring blocks of F5 & F5b over this full size layout
Install as directed

FUSELAGE LAYOUT

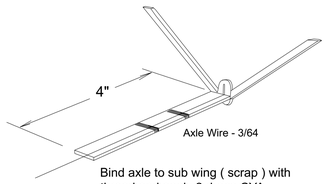


Construct Fuselage side frames over layout above. Make two frames. When dry, join at tail post followed by former F1. All formers line up with uprights except F2a. Install Top former F5 and its lower half. Alternate direction when placing formers to keep structure uniform. Make sure structure is square when formers are installed by using top view as a guide
Install upper and lower 1/16 square stringers. Cockpit cover is cut from either 1/32 sheet or stiff card.



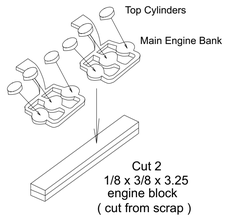
INTERPLANE STRUTS

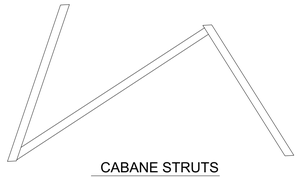
Interplane struts are shown full size. Lightly cement two scrap pieces of balsa to hold struts at proper angle until installation, then remove strips.



Bind axle to sub wing (scrap) with thread and apply 2 drops CYA

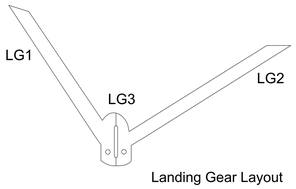
Explode view of engine details
Crack and cement manifold to shape





CABANE STRUTS

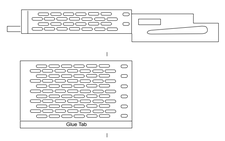
Cabane struts are constructed from 1/16 x 1/8 stock. For additional strength and support, bend to shape 1/32 wire and cement to the inside of the struts. Then cover with tissue. Struts can also be cut from hardwood or 1/16 plywood strips.



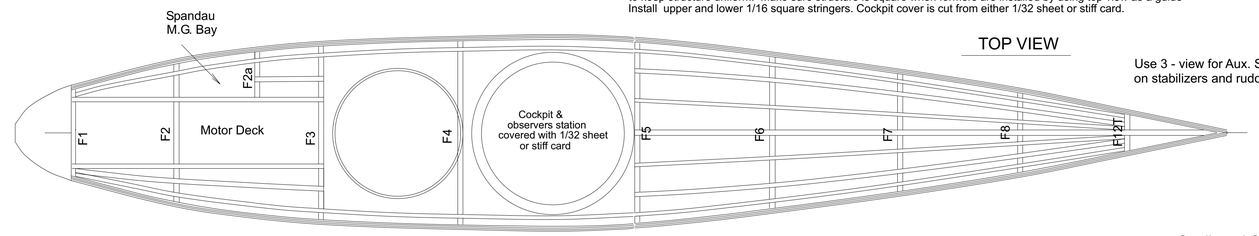
Landing Gear Layout

Assemble Landing Gear over layout. Cement balsa LG3 to both sides of struts for additional strength. Be sure axle slot is free of glue so that axle can travel up and down to provide shock action travel

Spandau Machine Gun

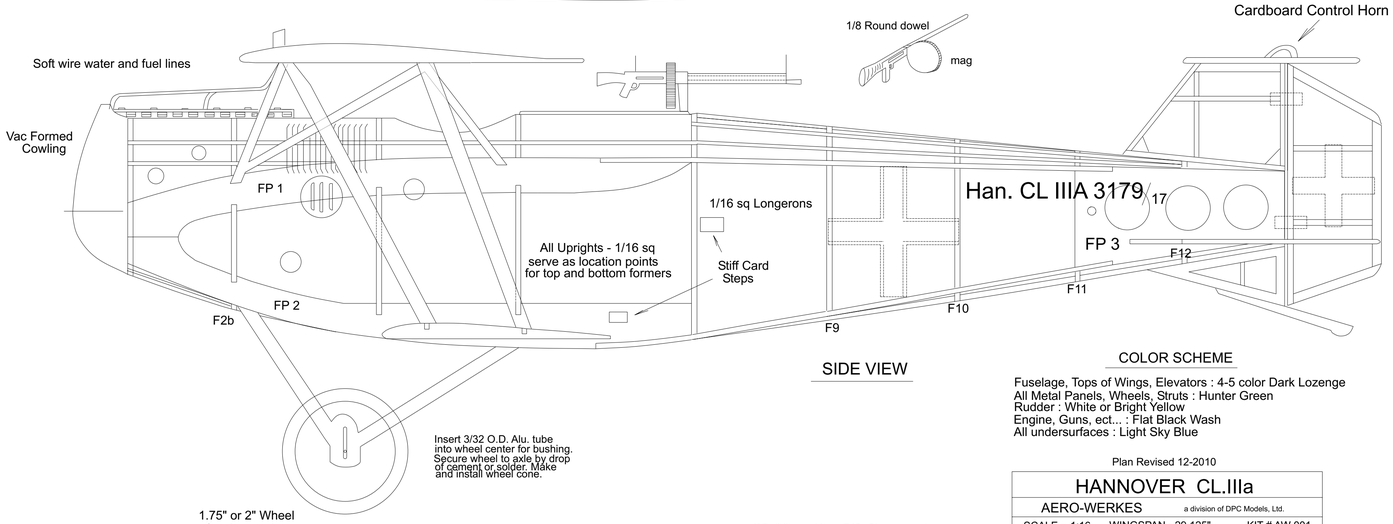


Cut Gun pattern from plan and shade with pencil. Full length gun can be used if fuselage is modified to fit. Half gun is cut at marks by jacket and roller into a tube. Glue 1/16 round for barrel.



TOP VIEW

Use 3 - view for Aux. Strut placement on stabilizers and rudder



SIDE VIEW

If Building to Micro R/C, Change out Longerons to Basswood or use hard balsa

COLOR SCHEME

Fuselage, Tops of Wings, Elevators : 4-5 color Dark Lozenge
All Metal Panels, Wheels, Struts : Hunter Green
Rudder : White or Bright Yellow
Engine, Guns, ect... : Flat Black Wash
All undersurfaces : Light Sky Blue

Plan Revised 12-2010

HANNOVER CL.IIIa		
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SCALE - 1:16	WINGSPAN - 29.125"	KIT # AW 001
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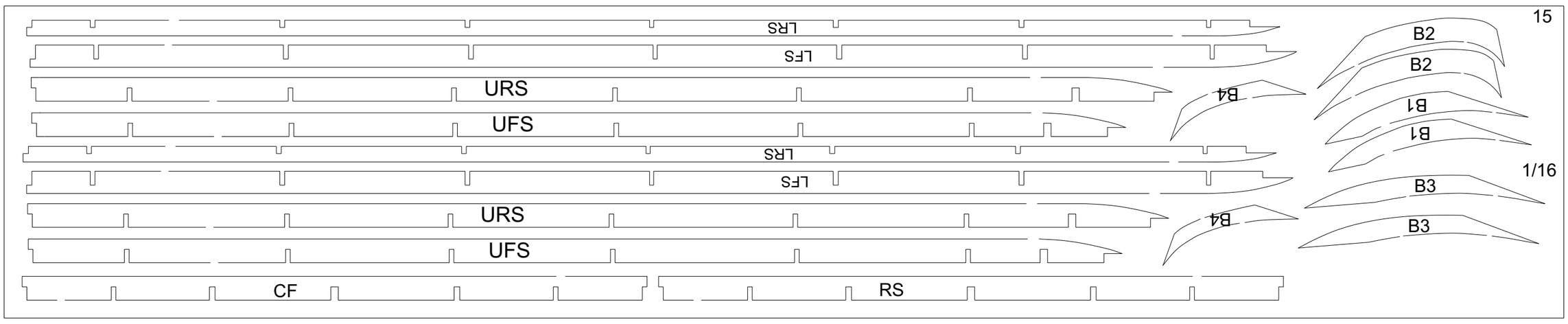

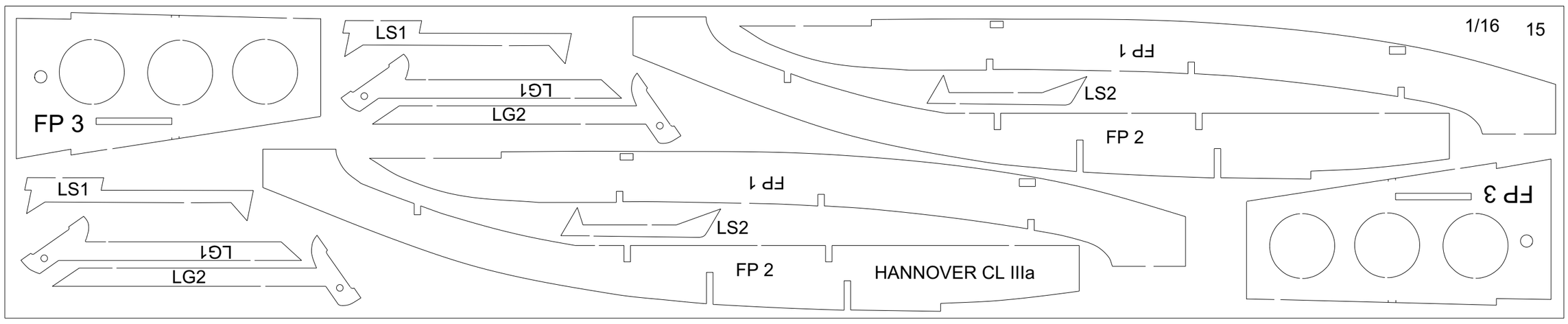

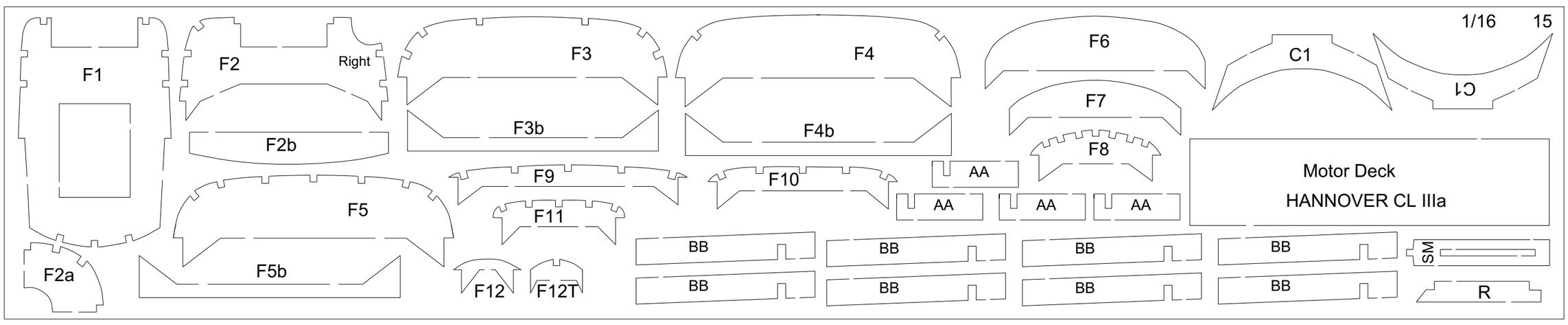

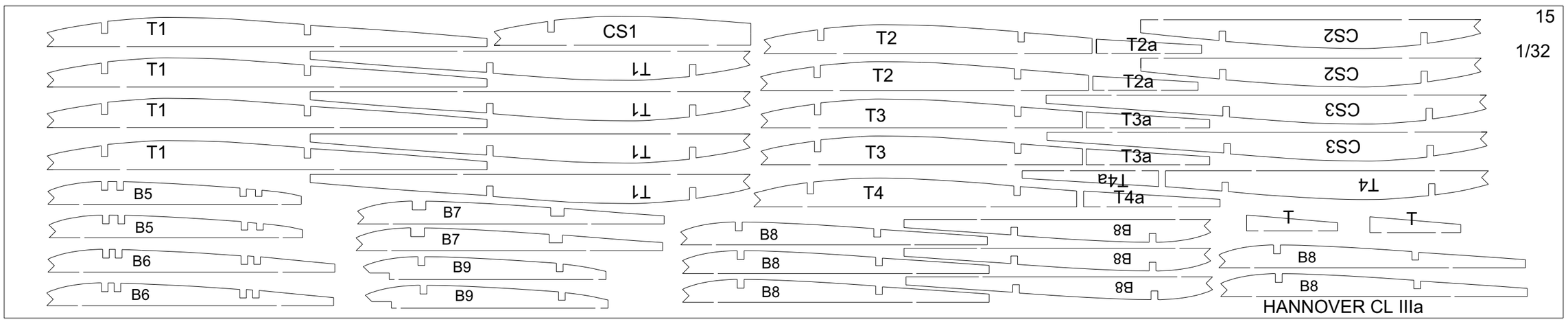

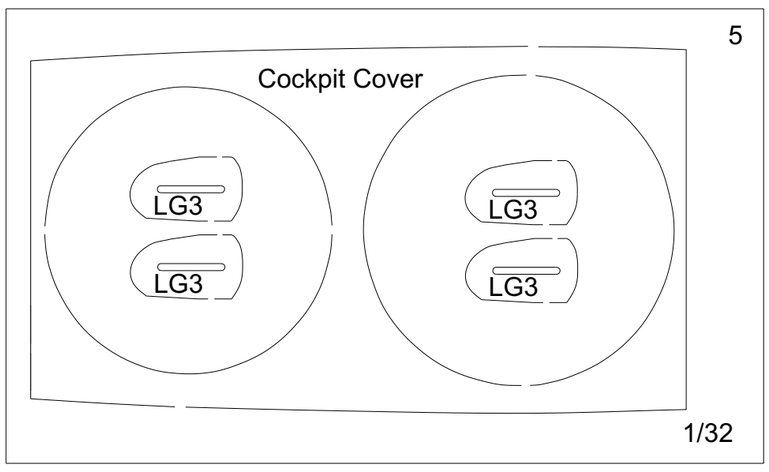

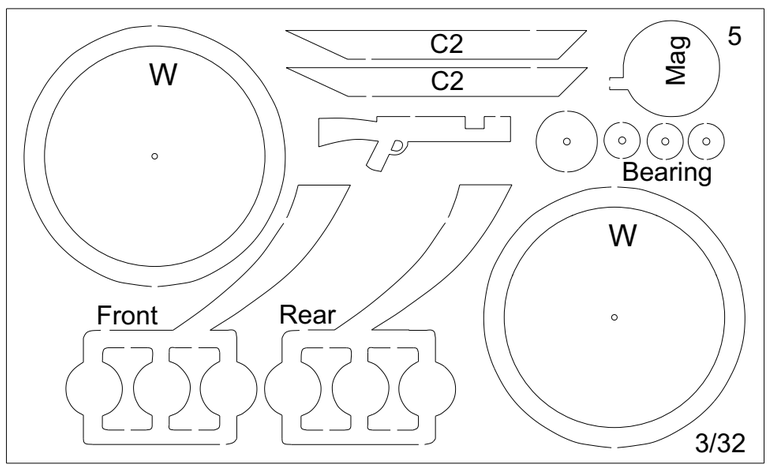

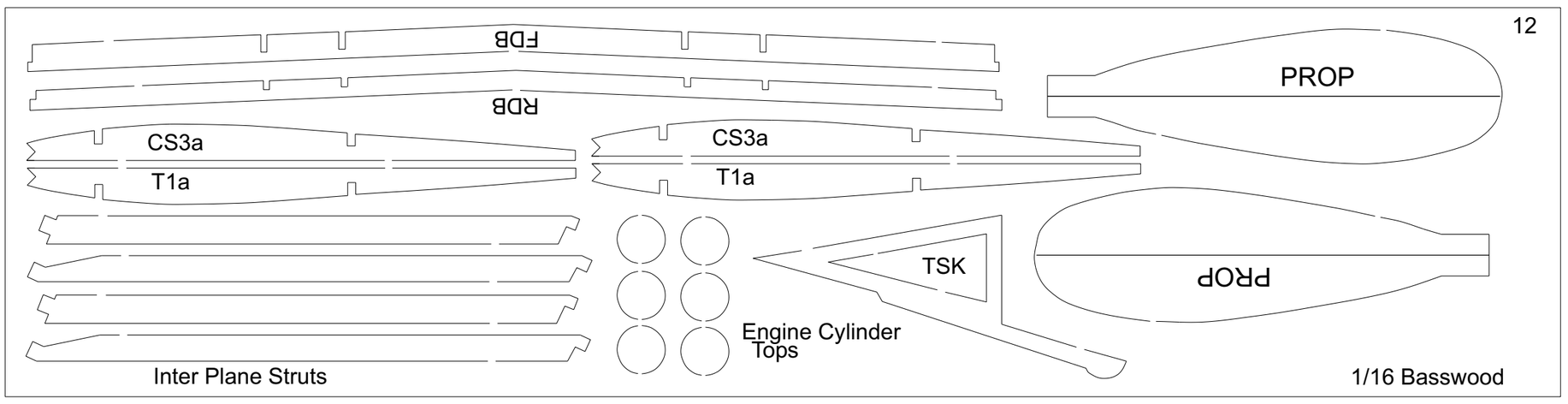

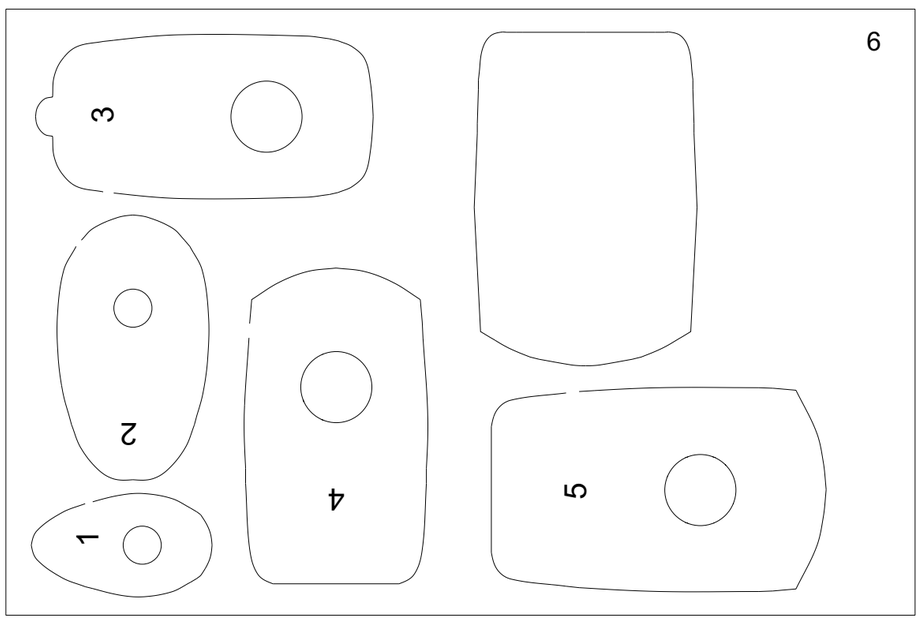

Aerowerkes Hannover CL3
Full Size Parts