

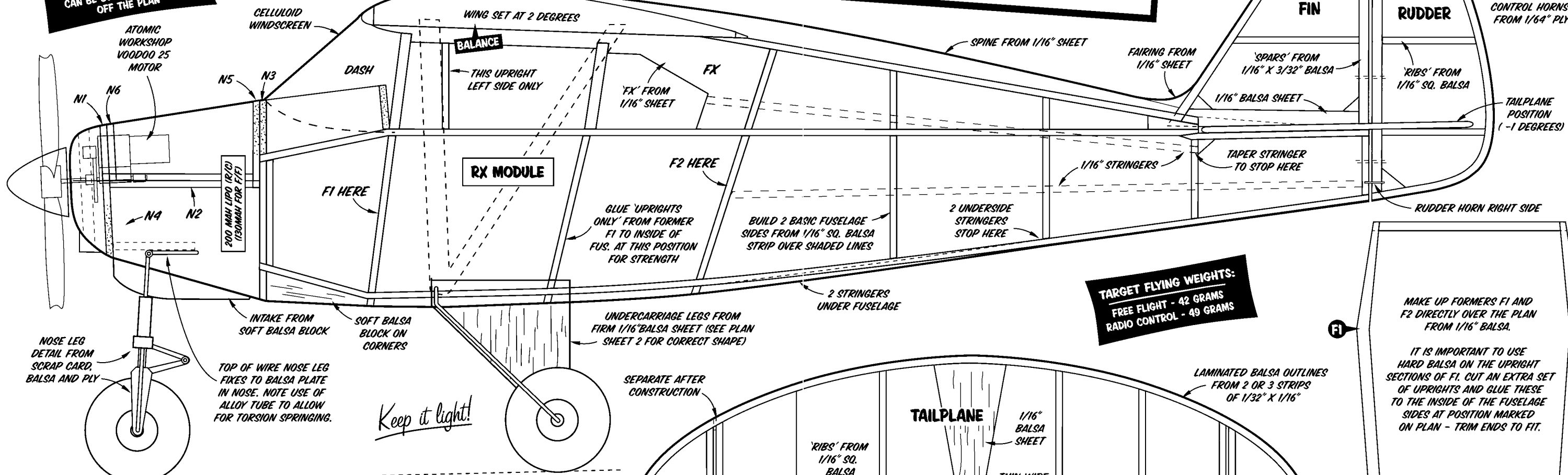
ENGINE HATCH

YOU WILL NEED EASY ACCESS TO UNPLUG THE LIPO CELL AS THERE IS NO ON/OFF SWITCH. THE TOP OF THE ENGINE COWL IS DESIGNED TO BE DETACHABLE, SEPERATING ABOVE N2. SEE MODEL PHOTOS FOR MORE DETAILS

PIPER COLT CONVERSION

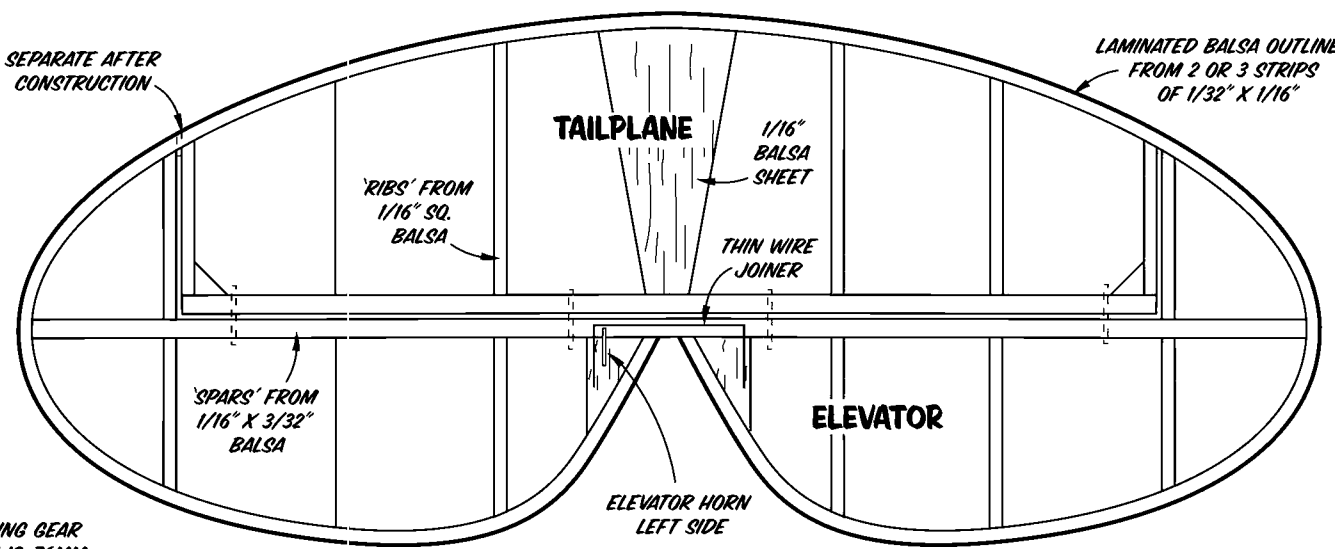
THE PIPER COLT WAS A LOWER POWERED, 2-SEAT VERSION OF THE 4-SEAT TRI-PACER. TO BUILD YOUR MODEL AS A COLT YOU WILL NEED TO MAKE THE FOLLOWING MINOR CHANGES TO THE FUSELAGE: DELETE THE 2 REAR SIDE STRINGERS (SHOWN DOTTED ON PLAN), DELETE THE 2 REAR 1/4-WINDOWS. LASTLY, THE SLIGHTLY CURVED 'SPINE' SHOWN ON THE PLAN SHOULD BE STRAIGHT.

NOSE SECTION HAS INTERLOCKING PARTS (N1, N2, N3 AND N4) AND CAN BE BUILT IN THE HAND, OFF THE PLAN



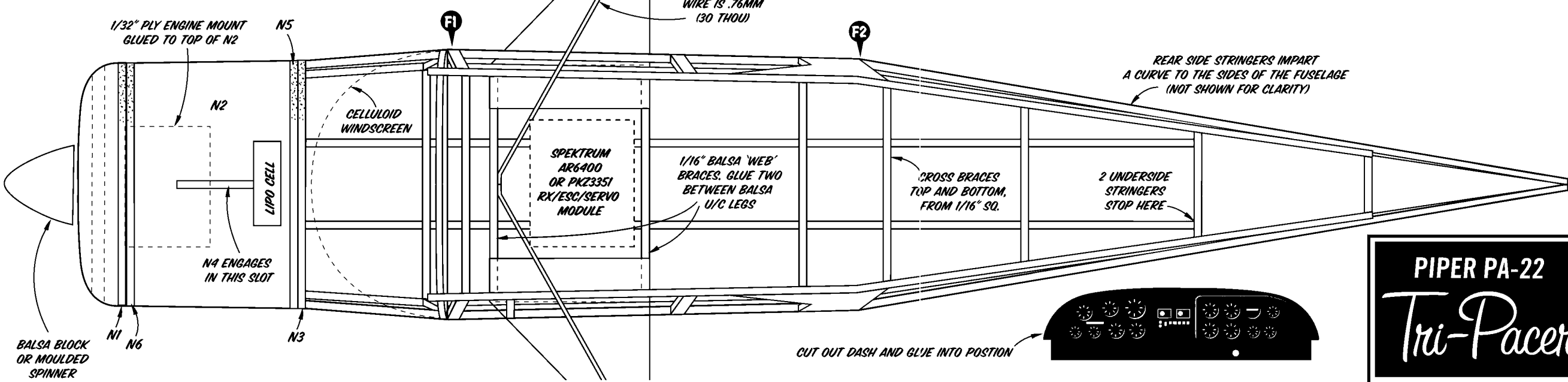
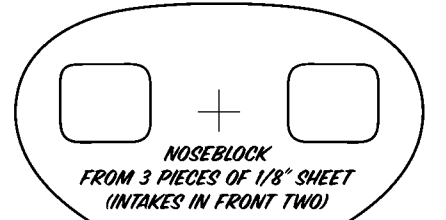
TARGET FLYING WEIGHTS:
 FREE FLIGHT - 42 GRAMS
 RADIO CONTROL - 49 GRAMS

F1
 MAKE UP FORMERS F1 AND F2 DIRECTLY OVER THE PLAN FROM 1/16" Balsa.
 IT IS IMPORTANT TO USE HARD Balsa ON THE UPRIGHT SECTIONS OF F1. CUT AN EXTRA SET OF UPRIGHTS AND GLUE THESE TO THE INSIDE OF THE FUSELAGE SIDES AT POSITION MARKED ON PLAN - TRIM ENDS TO FIT.



F2
 LAP ALL JOINTS ON F1 AND F2
 USE LIGHT WOOD FOR F2.

SET UP ENGINE WITH 2 DEGREES SIDE THRUST AND 2 DEGREES DOWN THRUST

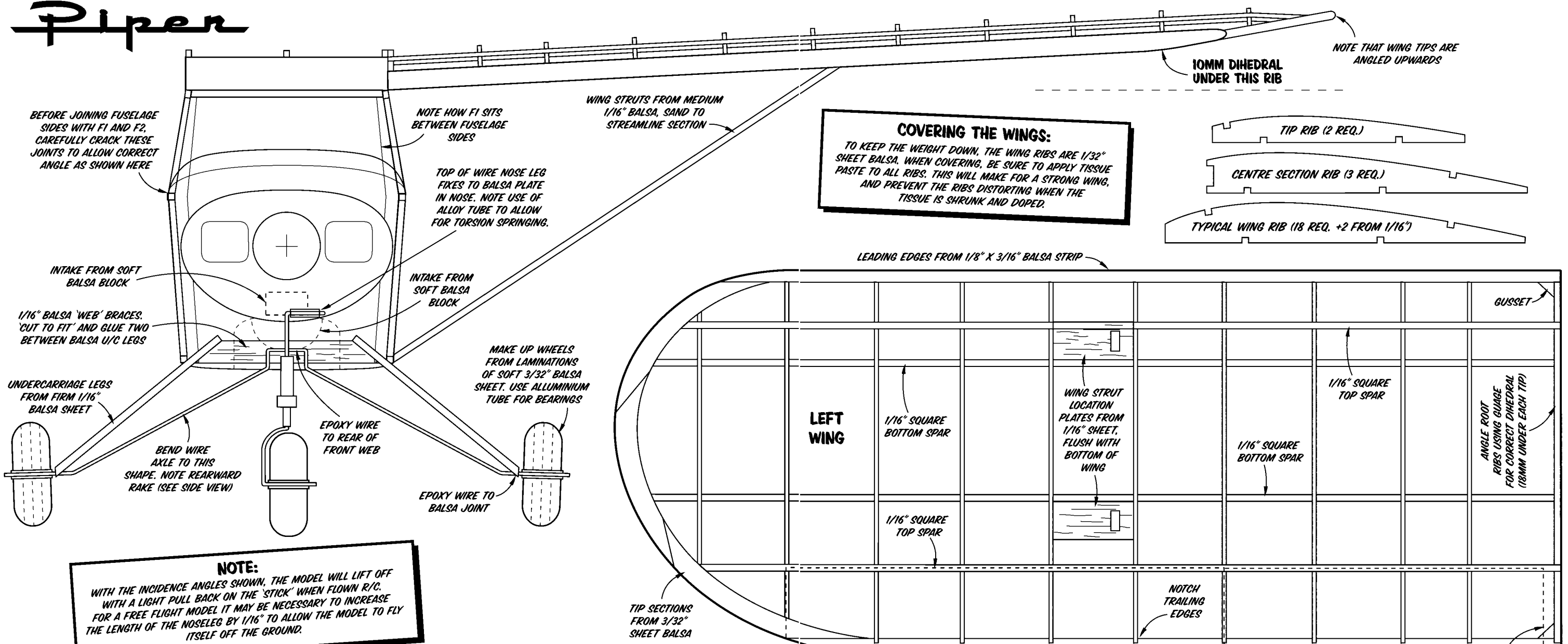


SHEET 1 OF 2

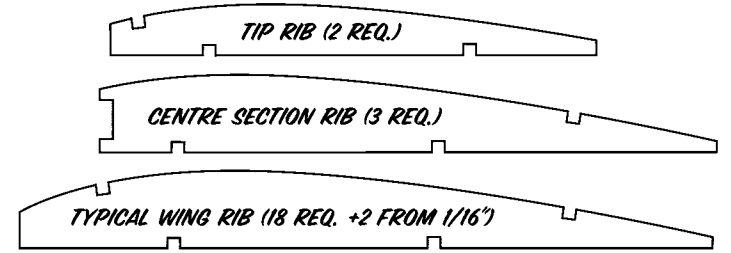
PIPER PA-22
Tri-Pacer

An accurate 21" span model designed for indoor R/C fun or competition. Also suitable for free flight electric, or even conversion to rubber power

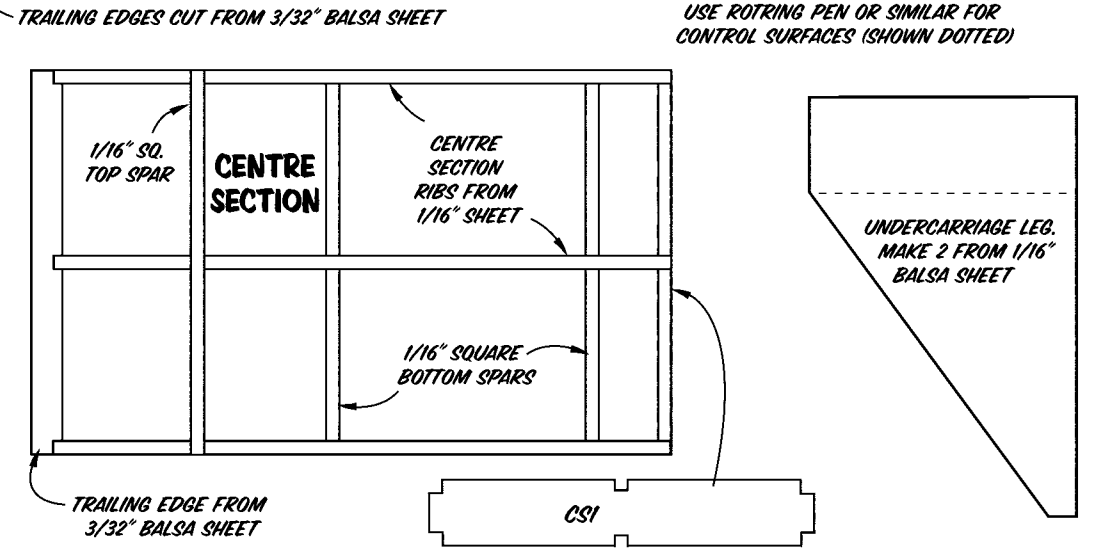
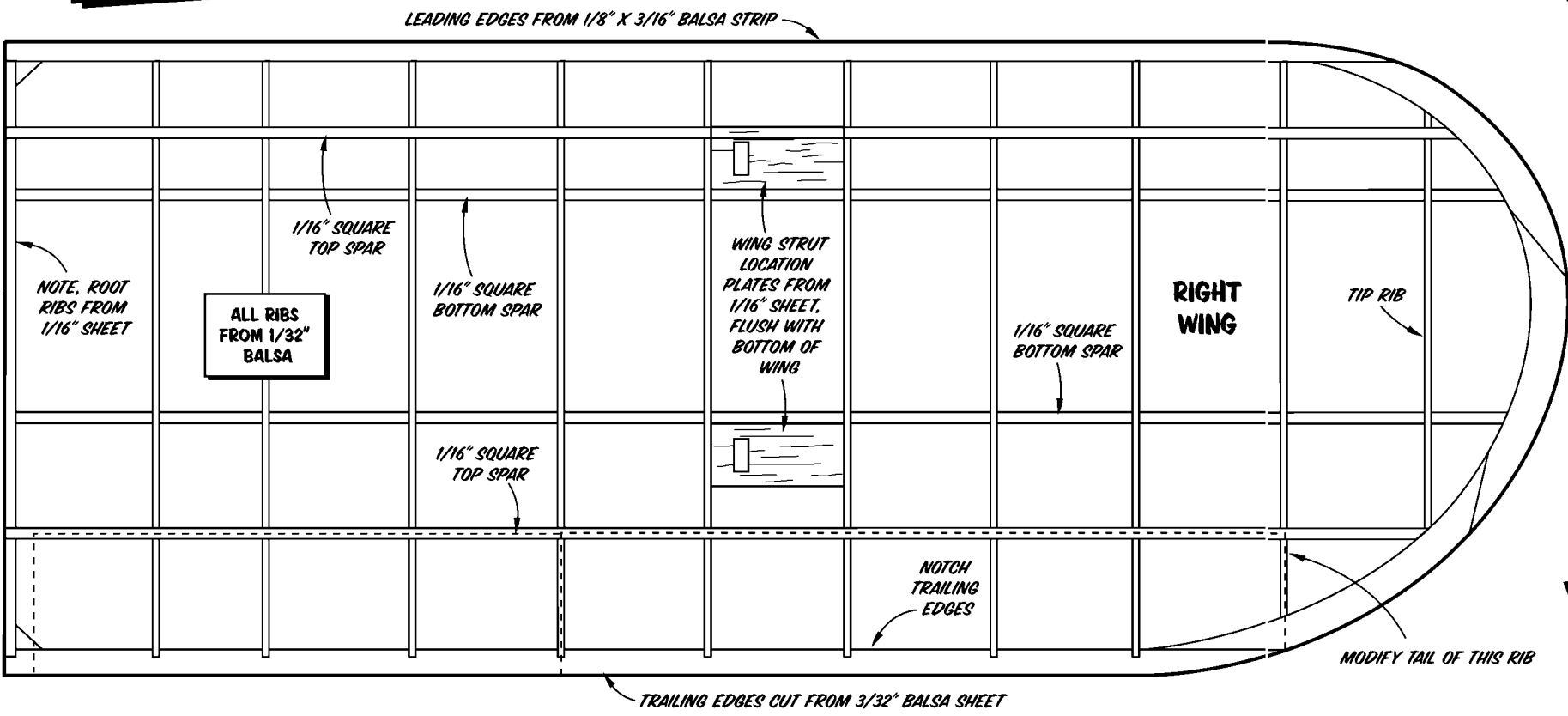
DESIGNED AND DRAWN BY
Richard Crossley



COVERING THE WINGS:
 TO KEEP THE WEIGHT DOWN, THE WING RIBS ARE 1/32" SHEET Balsa. WHEN COVERING, BE SURE TO APPLY TISSUE PASTE TO ALL RIBS. THIS WILL MAKE FOR A STRONG WING, AND PREVENT THE RIBS DISTORTING WHEN THE TISSUE IS SHRUNK AND DOPED.



NOTE:
 WITH THE INCIDENCE ANGLES SHOWN, THE MODEL WILL LIFT OFF WITH A LIGHT PULL BACK ON THE 'STICK' WHEN FLOWN R/C. FOR A FREE FLIGHT MODEL IT MAY BE NECESSARY TO INCREASE THE LENGTH OF THE NOSELEG BY 1/16" TO ALLOW THE MODEL TO FLY ITSELF OFF THE GROUND.



RUBBER:
 THIS MODEL WOULD FLY WELL USING RUBBER POWER. THE COWL AND NOSEBLOCK WILL NEED ADAPTING.

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