

8 GRAM DIVISION C MODIFICATIONS:

1. SUBSTITUTE CONDENSER PAPER FOR THE ESAKI TISSUE. YOU WILL SAVE APPROXIMATELY 0.8 GRAMS BY DOING THIS.
2. USE LIGHTER WOOD. THE WING SPARS SHOULD BE 6-7 POUND WOOD, AND THE STAB AND FIN SHOULD BE MADE FROM 5 TO 6 POUND WOOD. THE BODY SHOULD BE MADE FROM 5-6 POUND WOOD, AND THE WING AND TAIL RIBS CAN BE MADE FROM 4-5 POUND WOOD. YOU CAN EVEN USE 4-6 POUND 1/32" SHEET WOOD FOR YOUR RIBS.
3. SCRAPE THE PROP DOWN TO 2.5 TO 3.0 GRAMS. ANY LOWER THAN 2.5 GRAMS AND THE PROP BECOMES VERY FLIMSY AND WEAK.
4. SUBSTITUTE THE .025 MUSIC WIRE LANDING GEAR WITH .020" MUSIC WIRE. YOU WILL SAVE ABOUT 0.2 GRAMS.

IF YOU DO ALL THESE CHANGES, YOUR MODEL SHOULD BE UNDERWEIGHT AT ABOUT 7 TO 7.5 GRAMS. THEN ADD BALLAST TO GET 8 GRAMS.

DESIGN MODIFICATIONS:

ONCE YOU HAVE BUILT A SUCCESSFUL 'OLYMPUS' MODEL, YOU MAY WISH TO EXPERIMENT WITH THE DESIGN A LITTLE BIT. HERE IS A MODIFICATION WHICH HAS WORKED OUT WELL. LENGTHEN THE TAILBOOM 1", BUILD THE LARGER MODIFIED STAB AND FIN (SHOWN BELOW), AND THEN MOVE THE BALANCE POINT TO THE TRAILING EDGE OF THE WING. YOU SHOULD GET A LITTLE MORE FLIGHT TIME OUT OF THIS SETUP.

