

ASSEMBLY GUIDE AUGUST 2016

CHANGES MADE TO THE ORIGINAL

The following changes were made to the original Comet kit structural design. Most of the original kit design has been retained. The changes made are intended to improve strength, make it easier to wind the model in a winding stooge, and in general take advantage of techniques commonly used when building current day models.

1. The fuselage formers have been lightened by removing internal material. This also provides much better clearance for the rubber motor.

2. The shape of the fuselage formers have been adjusted to better reflect the cross sections of the full scale aircraft.

3. Stringer notches in the fuselage formers have been adjusted to allow straight stringer runs from nose to tail.

4. The nose block has been set up for stretch winding the rubber motor. It has also been drawn to be made from 3/32" balsa laminations rather than a single piece of balsa.

5. A spar box has been added to fuselage former 6 to improve the strength of the wing installation.

6. The fuselage wing mount plate has been modified to include openings for the wing leading and trailing edges. This makes alignment of the wing panels more accurate.

7. Two 1/16" square sub spars have been added to the top of the wing to improve strength and to help reduce tissue sag between the ribs.

8. The wing dihedral joint has been simplified to be a simple glue joint. The addition of the top sub spars makes this practical.

9. The wing tips have been modified to be formed from laminated blocks. This produces a stronger and more realistic looking tip.

10, The original glued in place landing gear have been modified to allow for plug in landing gear.

11. The stab and fin sheet balsa parts are set up for 3/32" sheet rather than the original 1/16" sheet. This matches the 3/32" square strip stock.

12. A platform as been added to the stab slot to improve tissue attachment under the stab and to help the accuracy of the stab alignment.

13. The area below the fin and above the stab has been filled with laminated balsa blocks. This allows for added strength of the stab mount and makes it easier to cover the rear of the fuselage.

14. A motor peg has been used to anchor the rear end of the rubber motor as opposed to the method shown on the original kit plan. Sheet balsa motor peg supports have been added.







