It's Easy!
Order all your supplies for this project on-line or at Tech Support:
661.823.0108
Mon - Fri
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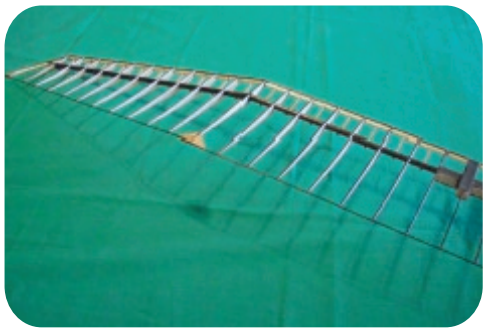
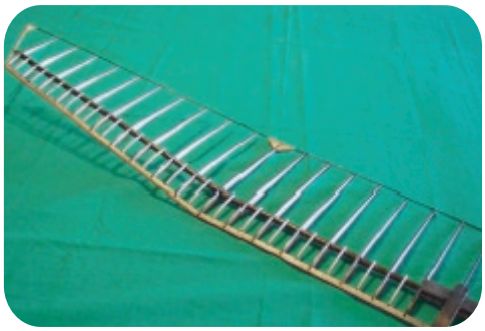
Build a Wing with Carbon Fiber Rods and Tubes

As an example of the types of structures that can be built from small carbon rods and tubes the wing pictured below was constructed for a small radio control glider. The leading edge, trailing edge and wing tips are all sections of .050" carbon rod and the wing spar is a .25" ID carbon wrapped tube. A small strip of 1/16 balsa has been added along the top of the leading edge and tip to increase the radius for better aerodynamics, and balsa gussets are added at the dihedral breaks in the trailing edge and the tips to connect the rod ends and maintain the aerodynamic shape. The wing ribs are 1/16 balsa that has been capped with an thin carbon laminate along the upper and lower surface to provide adequate strength for the aft portion of each rib. This frame will now be covered with a light plastic film.





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Supplies to complete this project:

Carbon Supplies:

- 0.050" Carbon Micro Rod T317-4
- 0.25" ID Carbon Wrapped Tube T130
  or
- 0.24" ID Thin Walled Carbon Tube T500
- 0.005" x 1" x 36" Carbon Laminate C1513

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