

5mm carbon fiber tube
 22 inch x 1 pc = for Fuselage
 24 inch x 1 pc = for Wing

Nanofalcon Glider

Parts List

- 1) .032 Music wire for Elevator pushrods
- 2) .93" Plastic tubing for Pushrod ([http://www.evergreenscalemodels.com/Shapes.htm#Round Tubing](http://www.evergreenscalemodels.com/Shapes.htm#Round%20Tubing))
- 3) .039 Music wire for Aileron pushrods
- 4) 4 Dubro Micro Control horns
- 5) 3 Dubro Ez-connectors
- 6) 1 Balsa 1/4" square stick for Elevator servo mount
- 7) 4 Small Magnets to secure Canopy
- 8) String to wrap elevator pushrods and glue together or to hold while soldering it
- 9) Carbon fiber tubes for Fuselage and Wing

All Depron parts are made from 3mm Depron sheet unless otherwise noted. Some parts (Top Cover Canopy and Tail Feathers) are made from 6mm Depron or simply double the 3mm parts and laminate it to create a 6mm thick piece.

However for the Tail Feathers there is another option to add strength . Simply Add carbon fiber flat spars between the sheets to add strength in the Tail feathers.

Top Right Wing

The Top wing sheets must be curved slightly to acheive an airfoil shape. Find a tube or bar that is at least the length of the wing half. Then roll it over the wing length wise while applying pressure. It should curve up and create an airfoil shape. Don't over due it. It only needs a slight curvature to follow the shape of the wing ribs.

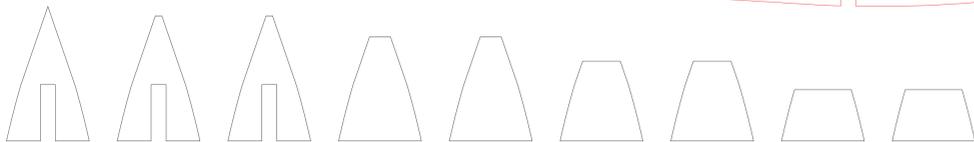
Top Left Wing

Bottom Right Wing

Bottom Left Wing

6mm Depron Parts can be made by duplicating the part shown here with 2 sheets of 3mm depron and glueing them together. However for the Canopy part make sure you curve both sheets before glueing them together

Make Ribs from 1/8" Balsa x 2 pcs



6mm Depron Part

6mm Depron Part

6mm Depron Part

6mm Depron Part

6mm Depron Part
Removable Canopy Cover

Fuselage top sheet
inside doubler

Fuselage top sheet

Fuselage bottom sheet
inside doubler

V-Tail angle guide

Fuselage bottom sheet

Fuselage side 2

Fuselage side 1