

## **Order Specifications**

### **Important Notes:**

1. Must be submitted using format provided online to me via email ([alegault@nd.edu](mailto:alegault@nd.edu)) by Noon Friday, March 4.
2. You do not need to list electronic components, standard accessories, tools, or glue.
3. Order extra balsa within reason (do not simply double everything)
4. Do not select anything that is not currently in stock.
5. National Balsa no longer carries balsa leading edge stock, see me if you wish to purchase some
6. Two separate sheets in the Excel ordering form (National Balsa and everything else)

### **National Balsa** (<http://www.nationalbalsa.com/>)

Balsa:           Sheeting (Balsa / Aero Light, not Aero Light Bargain Grade)  
                  Sticks  
                  Aileron Stock  
                  Trailing Edge Stock  
Basswood:       Sticks  
Plywood:        Lite-ply (firewall, fuselage bottom)  
Hard wood:      Wood Dowels (wing mounting)

### **Tower Hobbies** (<http://www.towerhobbies.com>)

Monokote: Go to homepage, then "Shop Radio Control" ⇒ "Aircraft Accessories" ⇒ "Iron-on Plastic" ⇒ "Select a Brand" ⇒ "Top Flite"

Plan on ordering three 6' lengths for your plane

Only prohibited color is light blue (too difficult to see against the sky)

### **Landing Gear / Wheels**

Landing gear:

1. Use existing landing gears from class.
2. Homebuilt by AME machinist (provide Pro/E drawing with all relevant dimensions, do not include lightening holes (you will have to cut those yourself), final part will be as close as possible)
3. Purchase landing gear – Preferred vendor: RC Foam (<http://www.rcfoam.com/>)

Wheels, Axles, Collars:

1. Use existing wheels from class
2. Purchase from Tower Hobbies

### **Servos**

Indicate how many small and large servos you need

### **Other**

If you plan on ordering anything other than listed above (this also includes purchased landing gears), you need to get it checked off by me during class. If it is not a problem, you will then include it under "Other" on the ordering sheet will all relevant information (website, item number, description, unit price, etc.). For non-traditional constructions, here is a list of previously used vendors:

Polystyrene Foam – The Foam Factory (<http://www.thefoamfactory.com/>)

Foam Covering (UltraCote) – Horizon Hobby (<http://www.horizonhobby.com/>)

Carbon Fiber (Landing Gear, Rods, etc.) – RC Foam (<http://www.rcfoam.com/>)

The Composites Store (<http://www.cstsales.com/>)