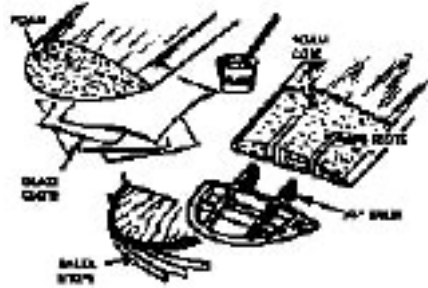


## Six Tips for Installing Wing Tips on Foam Core Wings

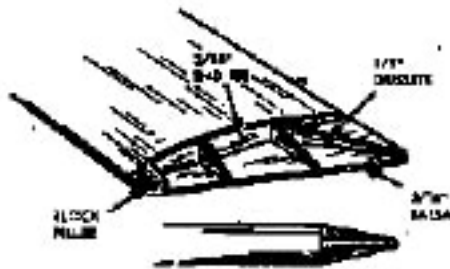
### 1. Flat Balsa End Rib

- **Simplest method**, epoxied in place after wing is skinned.
- Aerodynamically **efficient** despite its simplicity.
- A **beveled tip** can be made using a table saw, requiring an **oversized** end rib at least **1/4" thick**.



### 2. Foam Slab Tip

- Epoxy a **foam slab** in place.
- **Carve and sand** to shape.
- Finish with **3/4 oz. glass cloth** and **finishing resin** for durability.



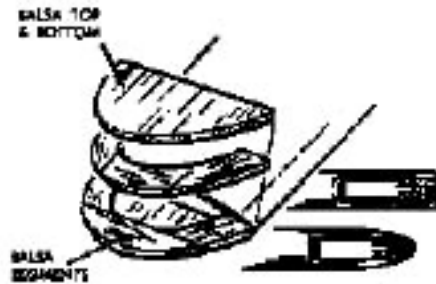
### 3. Built-Up Rib and Spar Tip

- Construct using **ribs and spars** covered with **balsa sheeting**.
- **Strong rib bow** can be laminated from **1/32" balsa strips** with white glue.
- Ensure **slots for stub spars** are incorporated.



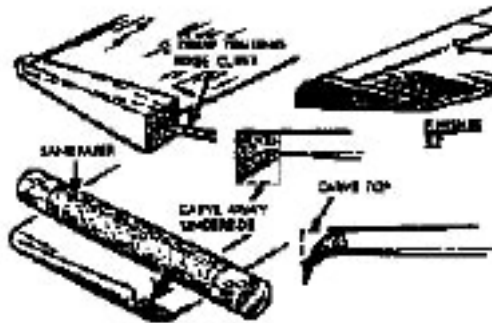
#### 4. Balsa Block Tip

- Epoxy **balsa blocks** in place **after skinning the wing**.
- Carve to shape, then **hollow out** using a **Dremel burr** if desired.
- To prevent damage while shaping, **tack glue** the block, remove it for hollowing, and reattach.



#### 5. Hollow Rounded or Elliptical Tip

- Use **thick sheet balsa** (e.g., 1/4") and cut **wide segments** for carving.
- **Stagger segment joints** to increase strength.
- Be careful not to carve through thin sections.



#### 6. Turned-Down Hoerner Tip

- Epoxy a **fine-grade balsa block** to the tip of the **skinned wing**.
- Shape the curved underside using **sandpaper wrapped around a broom handle**.
- Protect against damage by epoxying a **.330" wire** along the bottom and around the curve.