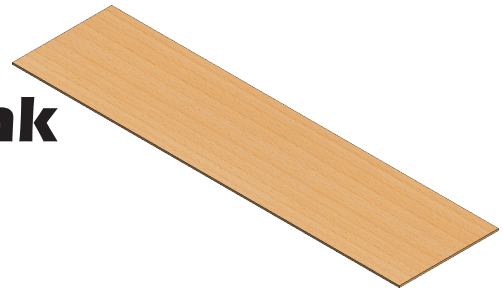




Glider Wing Blank



A. Center Rectangle.

Step 1. Click File Menu > New, click **Part Metric** and OK.

Step 2. Click **Top Plane**  in the Feature Manager and click **Sketch**  from the Content toolbar, **Fig. 1**.

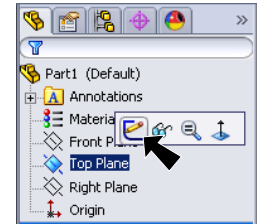





Fig. 1

Step 3. Click **Center Rectangle**  (S) in the **Rectangle flyout**  on the Sketch toolbar.

Step 4. Draw a center rectangle starting at the Origin , **Fig. 2**.

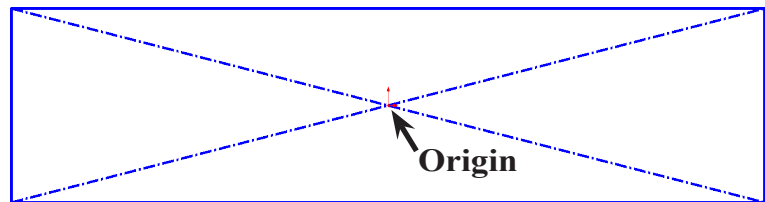



Fig. 2

Step 5. Click **Smart Dimension**  (S) on the Sketch toolbar.

Step 6. Dimension rectangle **77** by **300**, **Fig. 3**.

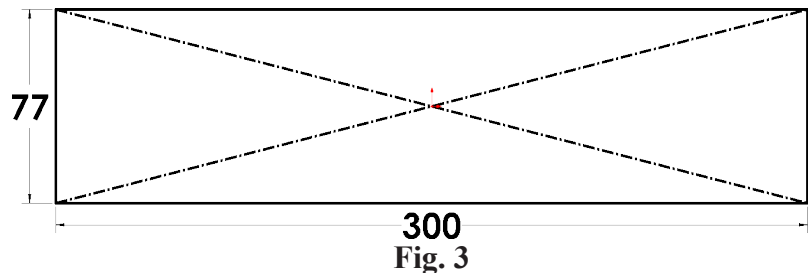

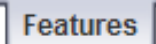
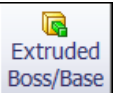




Fig. 3

Step 7. Click **Zoom to Fit**  (F) on the View toolbar.

Step 8. Click **Features**  on the Command Manager toolbar.

Step 9. Click **Extruded Boss/Base**  on the Features toolbar.

Step 10. In the Property Manager set:
 under Direction 1, **Fig. 4**
 End Condition **Mid Plane**
Depth  **1.5**
 click OK , **Fig. 5**.

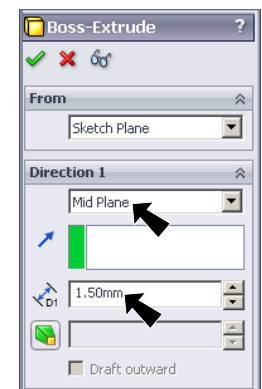


Fig. 4

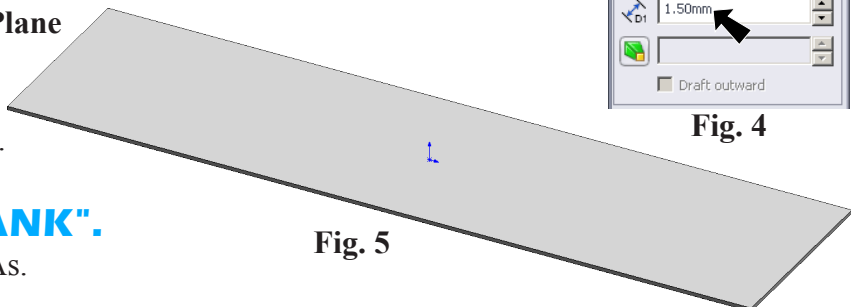



Fig. 5

B. Save as "WING BLANK".

Step 1. Click File Menu > Save As.

Step 2. Key-in **WING BLANK** for the filename and press ENTER.

C. Material Balsa.

Step 1. Right click Material  in the Feature Manager and click **Edit Material**, Fig. 6.

Step 2. **Expand Woods** (click the +) in the material tree and select **Balsa**. Click **Apply** and **Close**, Fig. 7.

Step 3. Save. Use **Ctrl-S**.

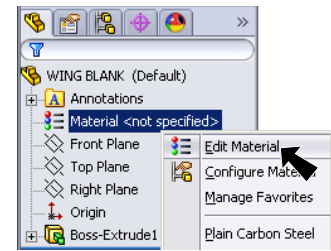


Fig. 6

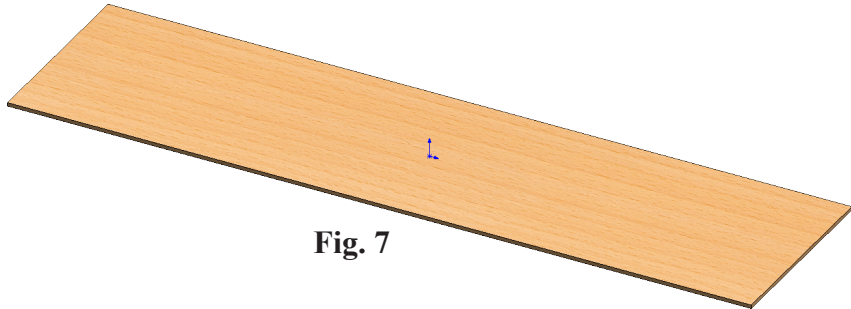


Fig. 7