



Delta Dart Fuselage

A. Sketch.

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

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

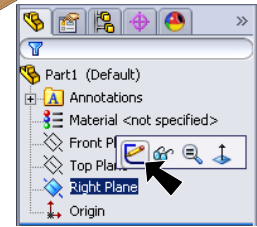



Fig. 1

Step 3. Click **Line**  (L) on the Sketch toolbar.

Step 4. Starting at the Origin  draw lines in **Fig. 2**. Use the inferencing line, the dotted line that appears when you draw the lines to keep horizontal and vertical. Do not add any extra lines. If you make a mistake, use Undo, **Ctrl-Z**. Use **L** key to start and stop line.

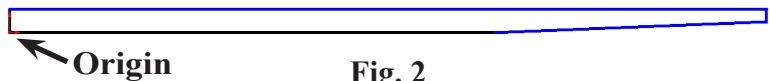


Fig. 2

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

Step 6. Add dimensions as shown in **Fig. 3**. To Smart dimension angle, click both lines, then move the cursor between lines and click. Key-in 86 and press ENTER.

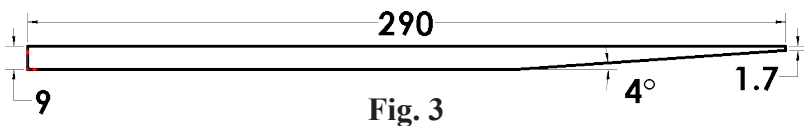
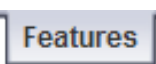




Fig. 3

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  **3**
 click OK , **Fig. 5**.

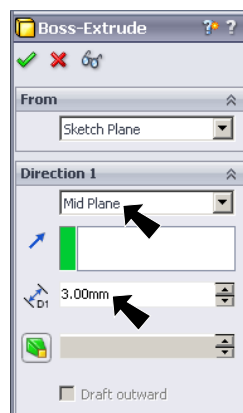


Fig. 4

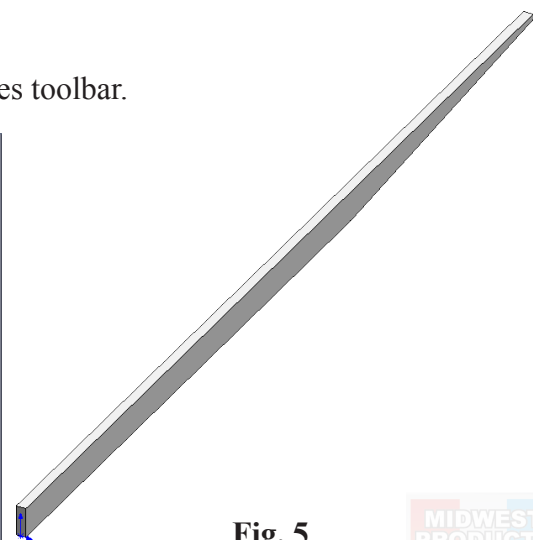


Fig. 5


B. Save as "FUSELAGE".

Step 1. Click File Menu > Save As.

Step 2. Key-in **FUSELAGE** 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**, Fig. 7. Click **Apply** and **Close**, Fig. 8.

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

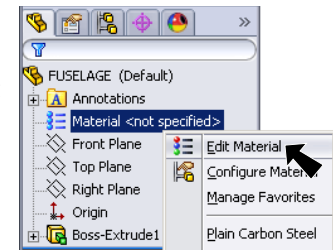


Fig. 6

D. Enable PhotoView 360.

Step 1. If necessary, turn on PhotoView 360, click Tools Menu > Add-Ins.

Step 2. In the dialog box scroll down to **PhotoView 360** and place a check in the check box under **Active Add-Ins** and **Start-Up**, Fig. 9. Click **OK**.

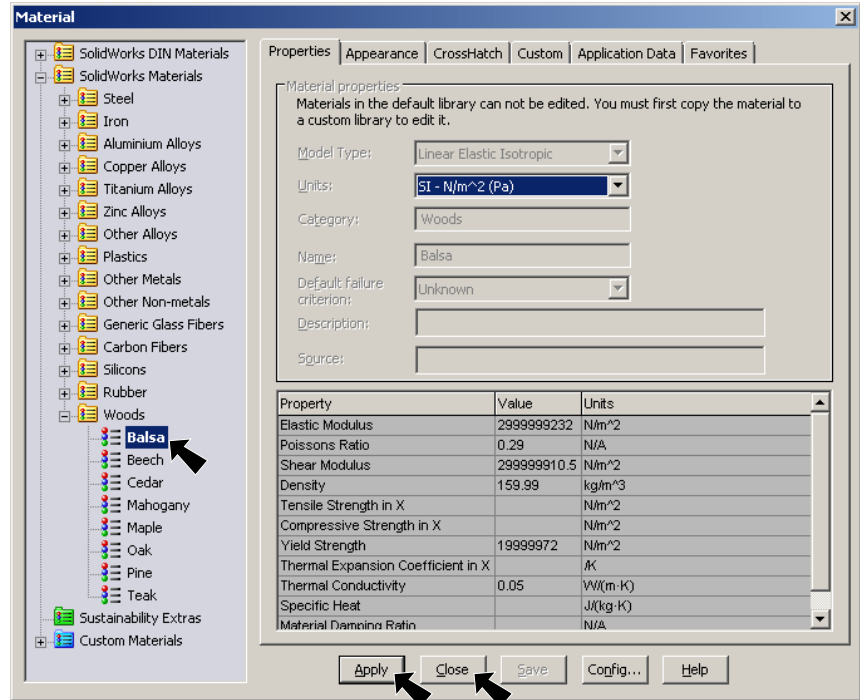


Fig. 7

E. Rotate Mapping.

Step 1. Click PhotoView 360 Menu > Edit Appearance.

Step 2. In Appearances:

click **Mapping** tab 

Fig. 10

Rotation 90

click **OK** , **Fig. 11**

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

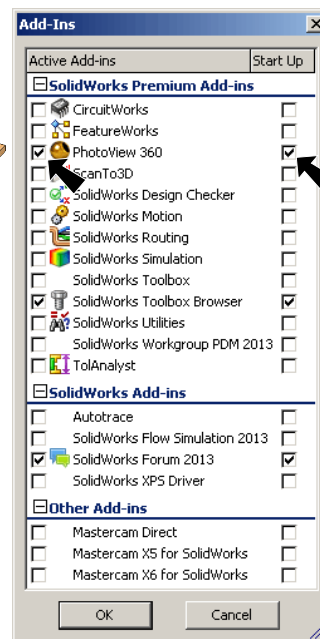


Fig. 9

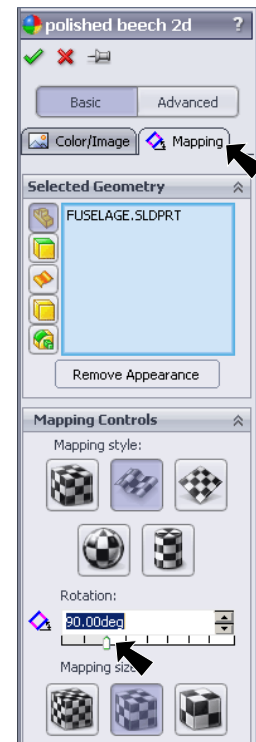


Fig. 10

Fig. 8 / Fig. 11