

Horizontal Stabilizer

A. Open WING file Save AS H STAB.

Step 1. Open your WING file and Save As H STAB file, Fig. 1.

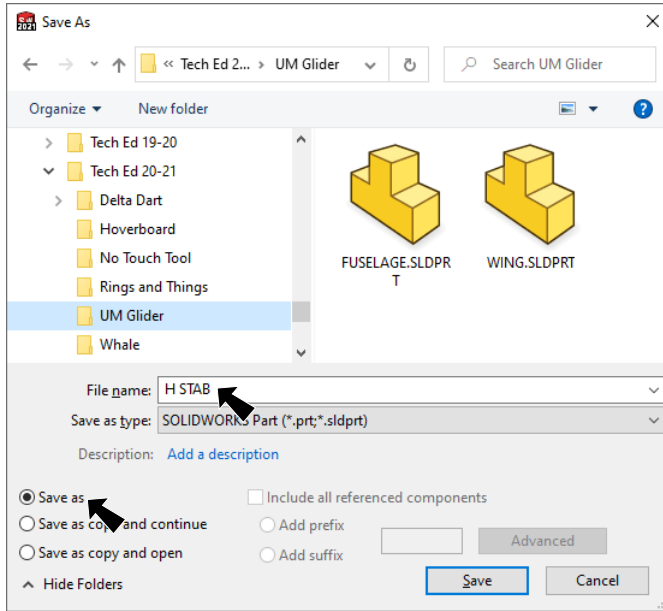
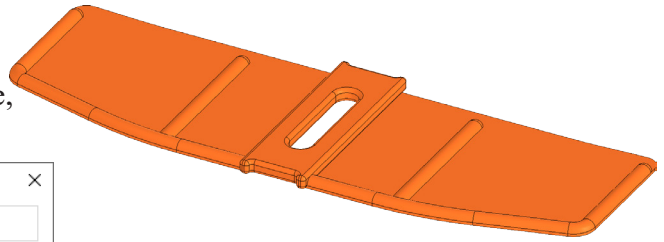


Fig. 1

B. Rollback Above Mirror.

Step 1. In the Feature Manager grab the Rollback bar pull up above Mirror1 feature, Fig. 2.

C. Delete Boss-Extrude 4,5 and 6.

Step 1. In the Feature Manager delete Boss-Extrude 4, 5 and 6, the last 3 Wing rib features, Fig. 3. To delete, CTRL click the 3 Bosses and press Delete key.

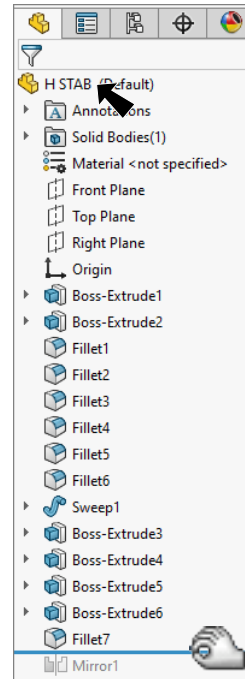


Fig. 2

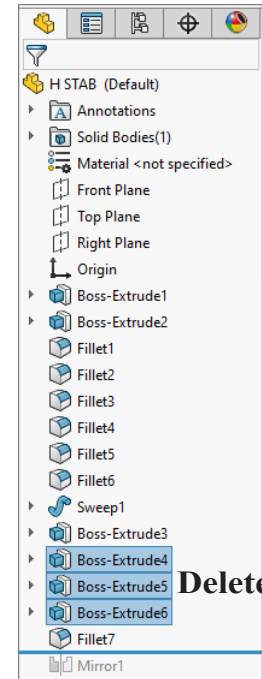


Fig. 3

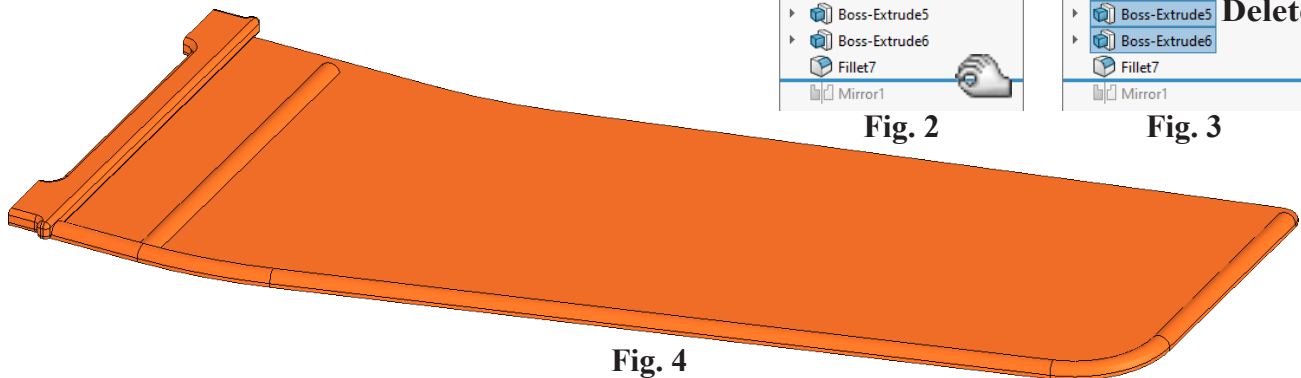


Fig. 4


D. Edit Sketch 1 Snap Fit Joint.

Step 1. Click **Boss-Extrude1** in the Feature Manager and **Edit Sketch** on the context toolbar, **Fig. 5**.



Step 2. Click **Normal To**  on the Standard Views toolbar. (**Ctrl-8**)

Step 3. Change two dimensions: **28 to 15** and **41 to 25.75**, **Fig. 6** and **Fig. 7**.

Step 4. Click **Exit Sketch**  on the Sketch toolbar.

Step 5. Save  (**Ctrl-S**).

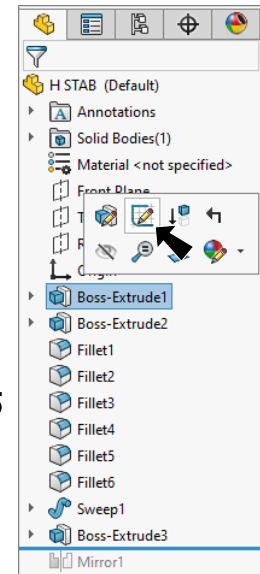
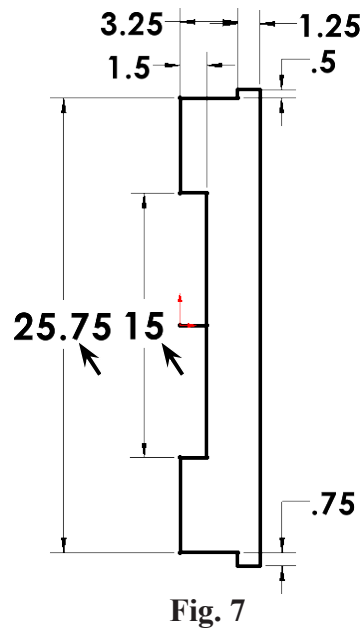
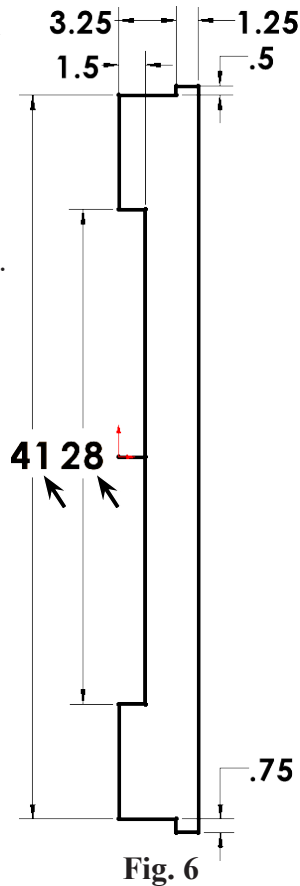
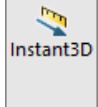


Fig. 5

E. Instant3D.

Step 1. Click **Features**  on the Command Manager toolbar and if necessary, **turn on**


Instant3D  (button depressed).

F. Edit Sketch 2 Wing Panel.

Step 1. Expand **Boss-Extrude2** in the Feature Manager and click **Sketch2**, **Fig. 8**.

Step 2. Change dimensions:

100.5 to 35.5

if necessary, **Rebuild**  on the Standard toolbar (**Ctrl-B**)

13.3° to 3°

R10 to R3

Fig. 9 and Fig. 10

click dimension to change.

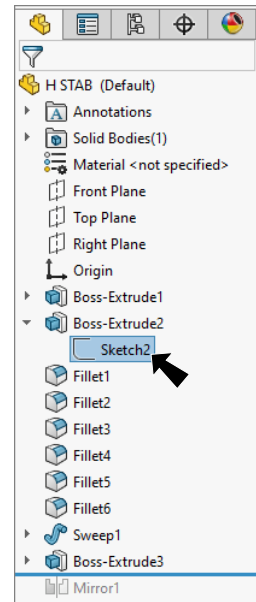


Fig. 8

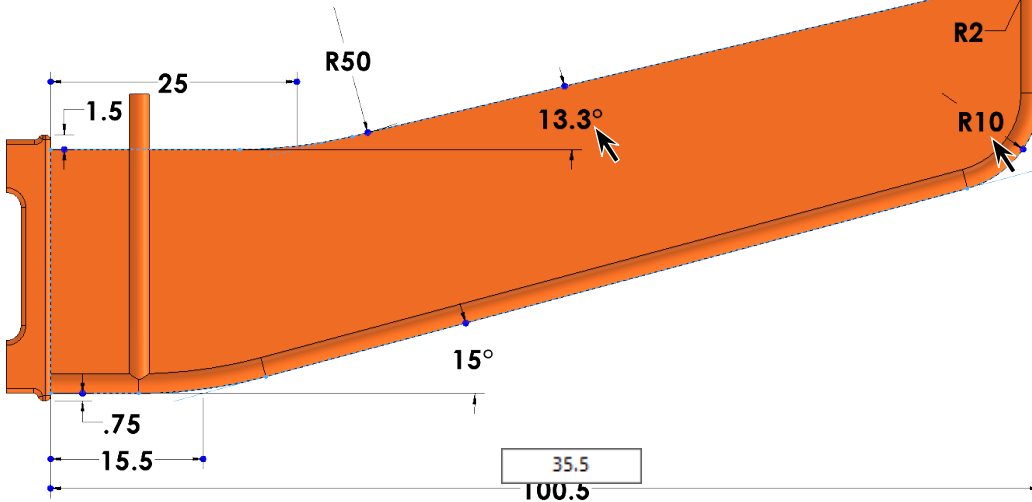


Fig. 9

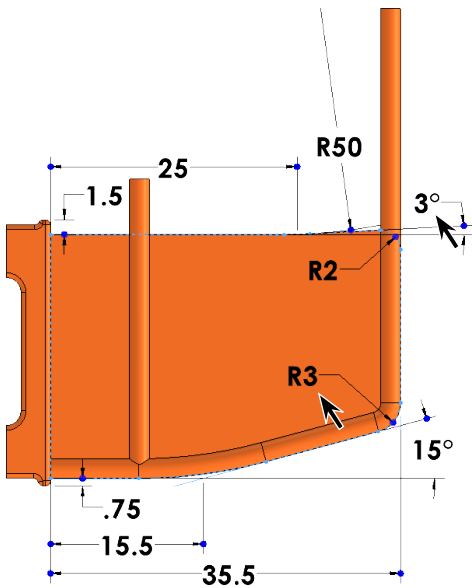


Fig. 10

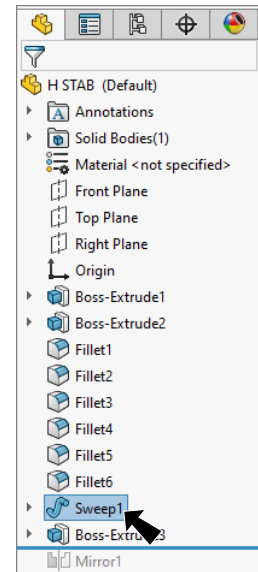
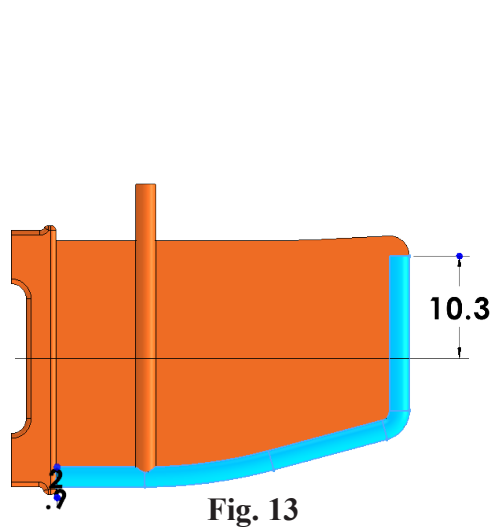
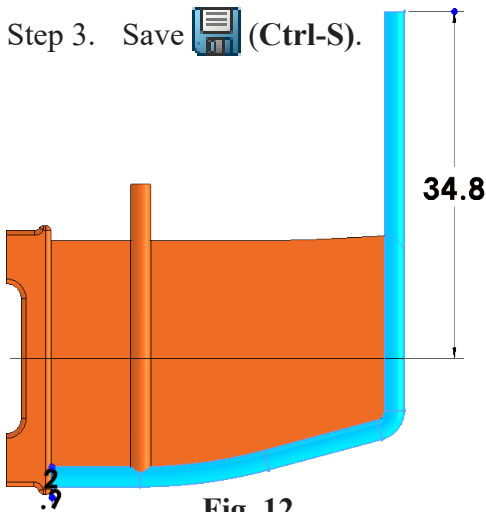
Step 3. Save  (**Ctrl-S**).

G. Edit Sketch 3 Sweep Path.

Step 1. Click **Sweep1** in the Feature Manager, **Fig. 11**.

Step 2. Change dimension to **34.8** to **10.3**, **Fig. 12** and **Fig. 13**.

Step 3. Save  (Ctrl-S).

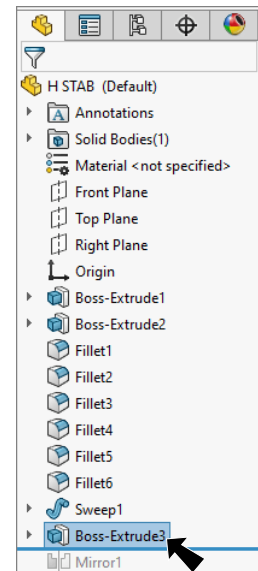
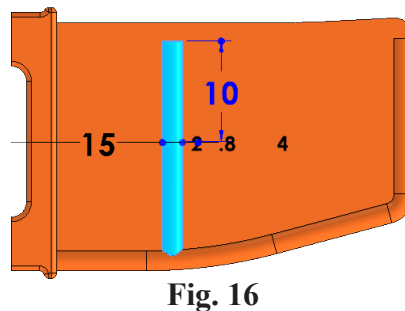
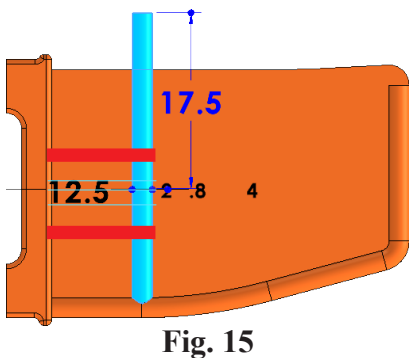


H. Edit Wing Rib Extrude 3.

Step 1. Click **Boss-Extrude3** in the Feature Manager, **Fig. 14**.

Step 2. Change:



12.5 dimension to **15**
extruded depth to **10**
Fig. 15 and **Fig. 16**.



I. Fillet Ribs.

Step 1. Click **Trimetric**  on the Standard Views toolbar.

Step 2. Click **Fillet**  on the Features toolbar.

Step 3. In the Fillet Property Manager set:
select FilletXpert, **Fig. 17**
set Radius  1
click **circular edge ribs**, **Fig. 18**
click OK .

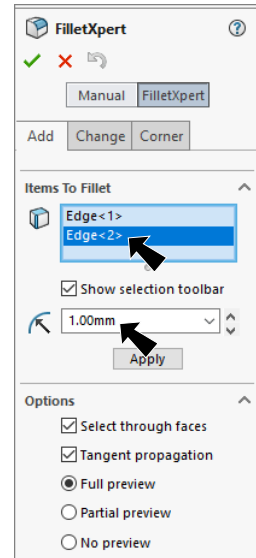


Fig. 17

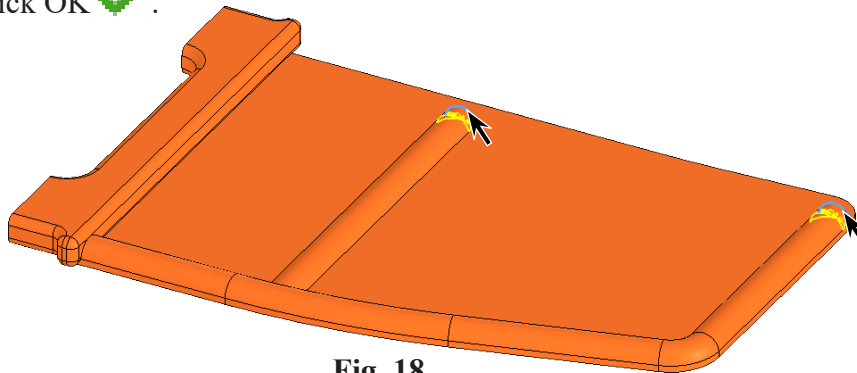


Fig. 18

J. Roll To End.

Step 1. In the Feature Manager grab the **Rollback bar** pull down below **Mirror1** feature, **Fig. 19**.

Step 2. Save  (Ctrl-S).

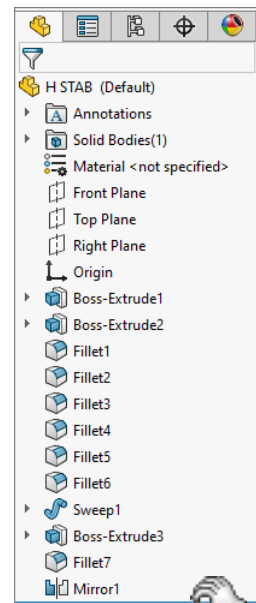


Fig. 19

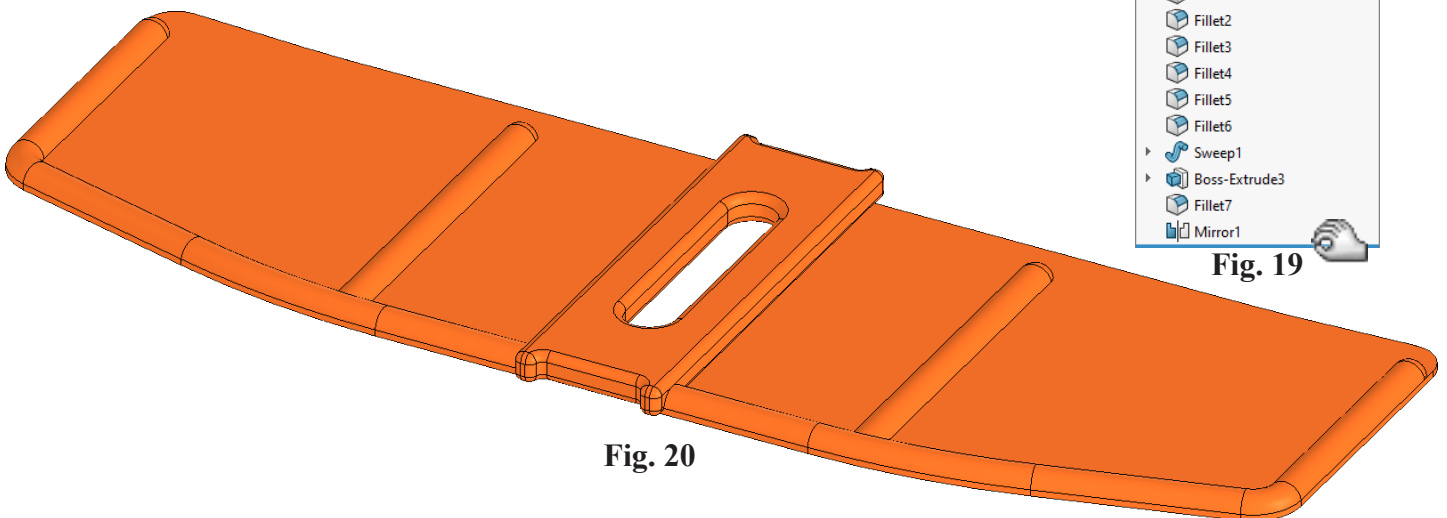


Fig. 20