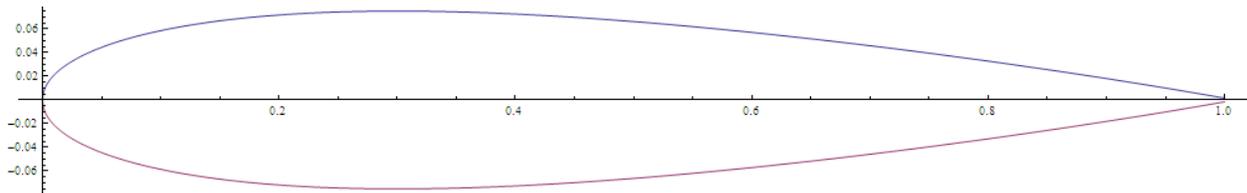# Tracing Pictures:

Introduction:

During the design process you will need to rely on 2d drawings to get the proper dimensioning and shape of the traced diagram.

Step 1:

Go to Google, choose what the researcher wants to study, for the example case, search for a NACA aerofoil profile. The profile was taken from the Wikipedia website:
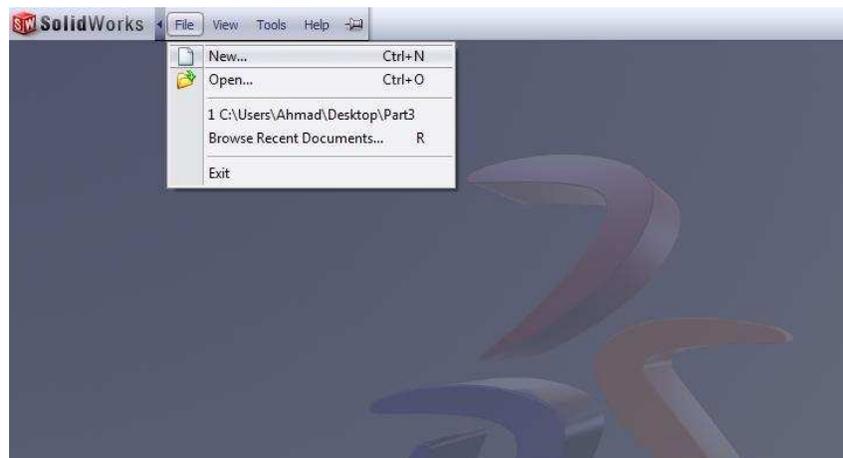
http://en.wikipedia.org/wiki/NACA_airfoil

The profile link is : http://upload.wikimedia.org/wikipedia/commons/0/07/NACA0015_a.png
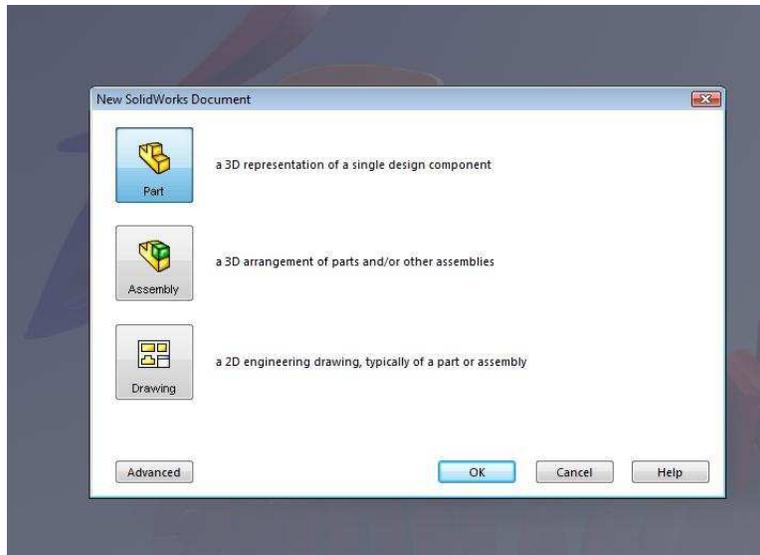
Step 2:

Launch Soildworks from its shortcut (start up menu or desktop).
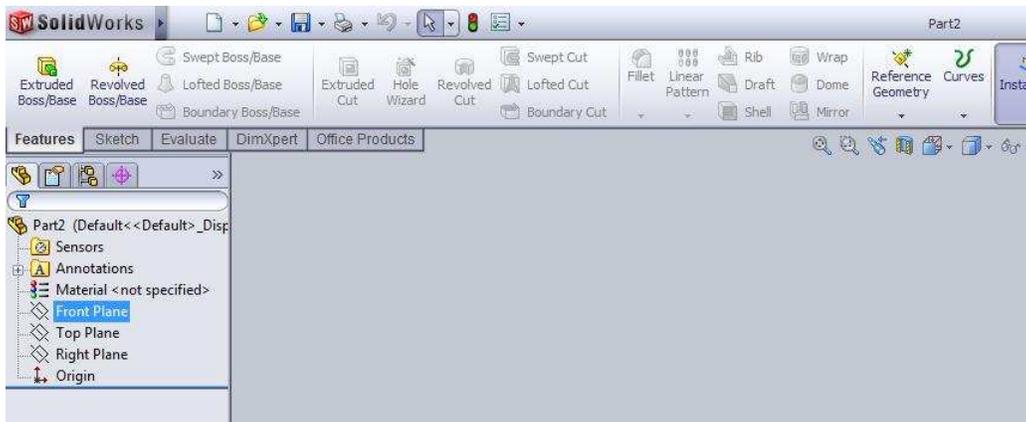
Step 3:

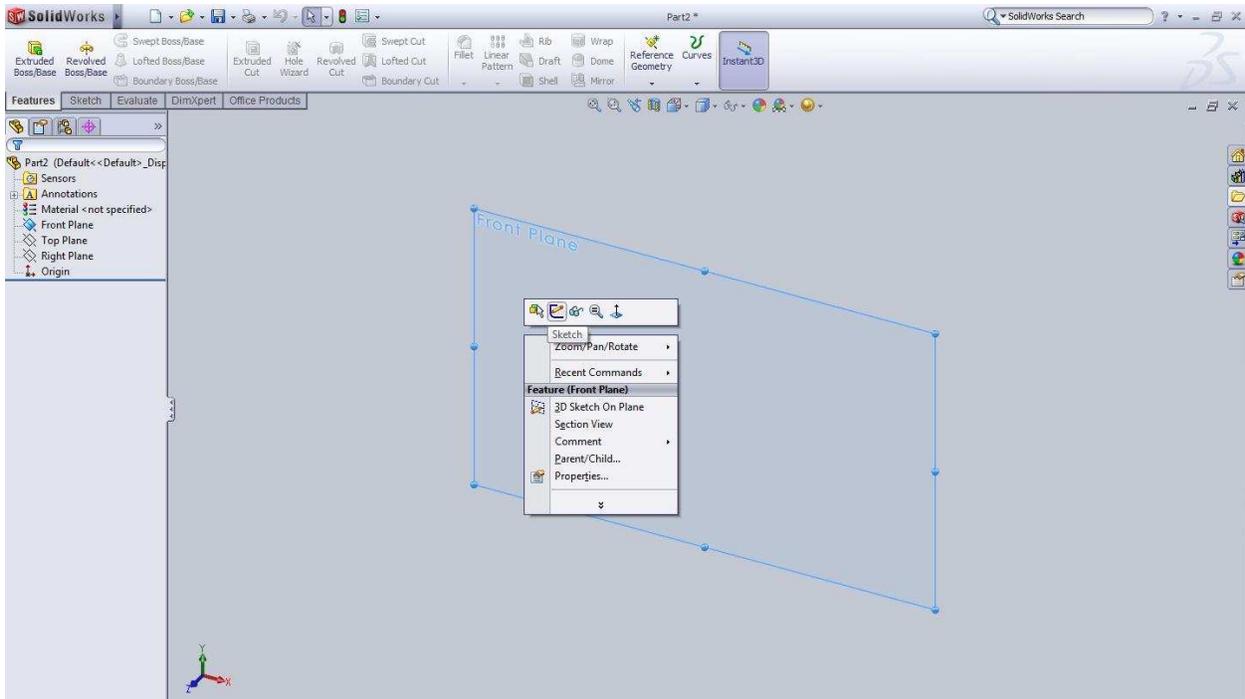Go to file and choose New

then choose part.
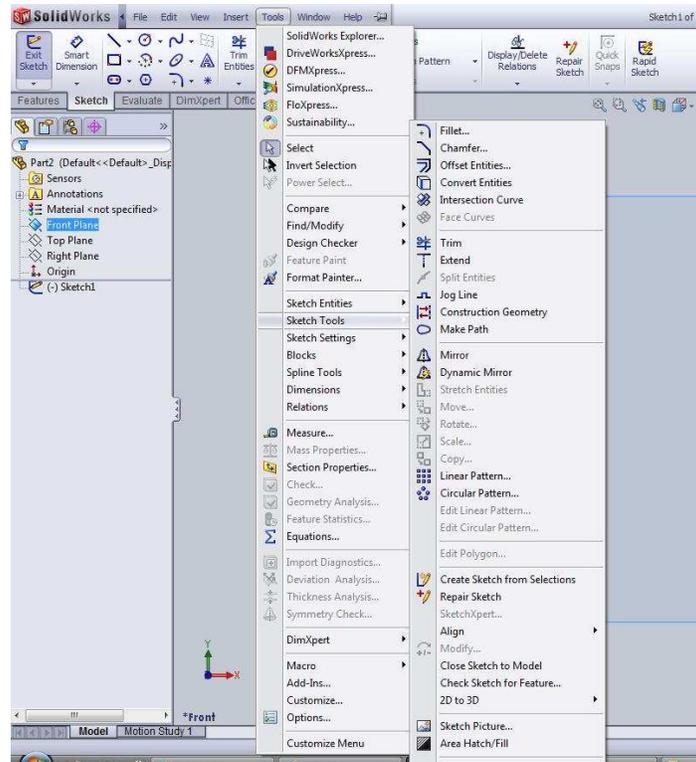
Step 4:

Choose front plane from feature design tree.

Step 5:
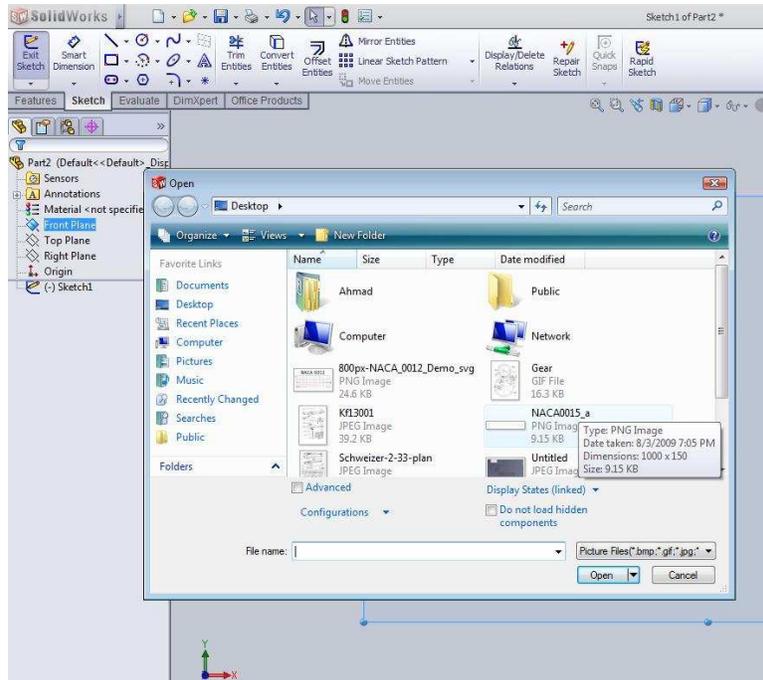
Right clip the mouse button and choose sketch.

Step 6:

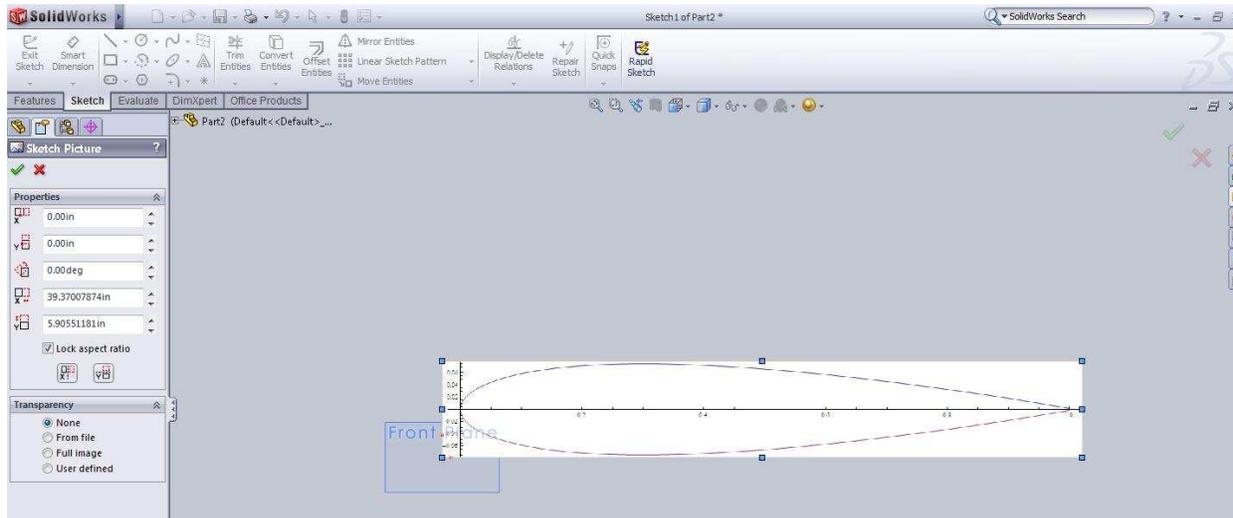Go to tools, sketch tools then sketch picture… .

Step 7:

Insert pictures and select the picture from where it has been saved.

Step 8:

Step 9:

This is when you select the drawing tool required to replicate the original drawing, in the studied case the spline command was selected.