



MA3484 - Prototype Development with Autodesk® Alias®

Michal Jelinek - owner, Horseville Design Hideout

In this class, Autodesk Alias software expert and small business owner Michal Jelinek discusses how he used Alias as a critical tool for developing prototypes of a personal tracked vehicle. Michal shows how he used Autodesk® SketchBook® Pro software to create initial concepts, Autodesk® Inventor® Fusion software to design mechanical parts, and then Alias for the aesthetic surfaces and for prototyping.

Learning Objectives

At the end of this class, you will be able to:

- Define the requirements to set up a prototype building environment
- Use Alias to support non-numerical-control machining
- Use SketchBook Pro, Inventor Fusion, mobile devices, and Alias in a production prototyping environment
- Survive using an Apple® Mac® in a PC environment

About the Speaker

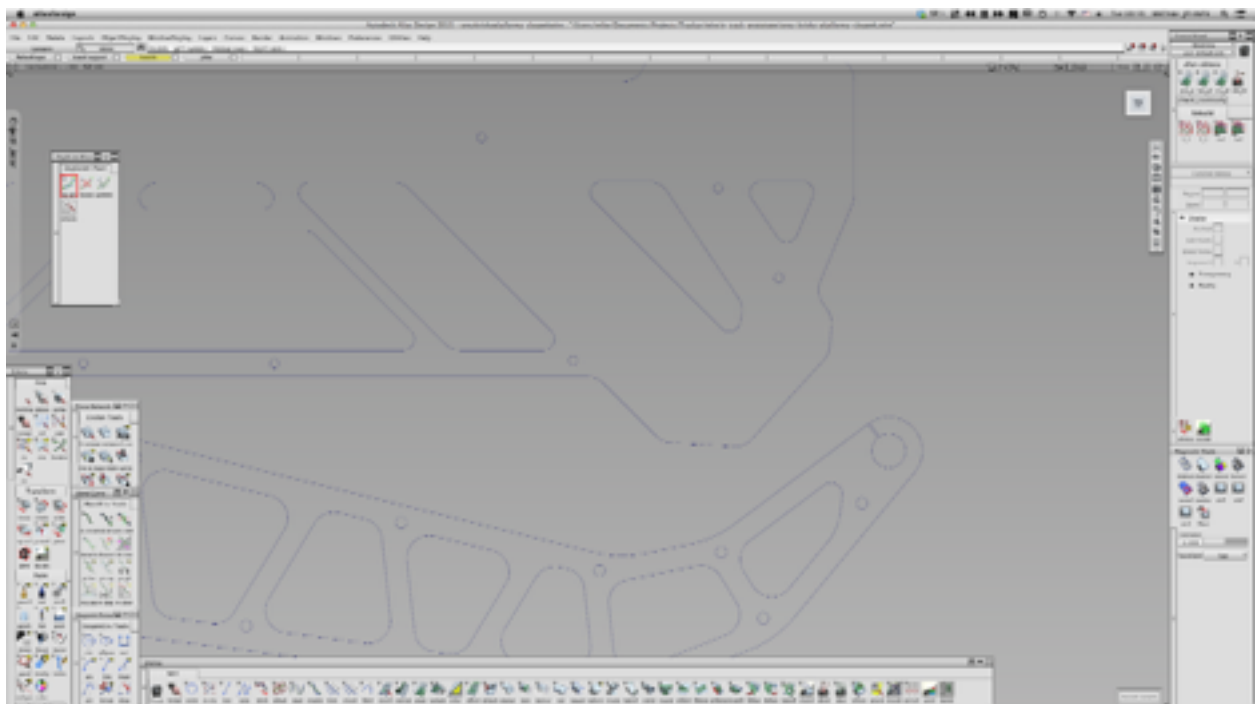
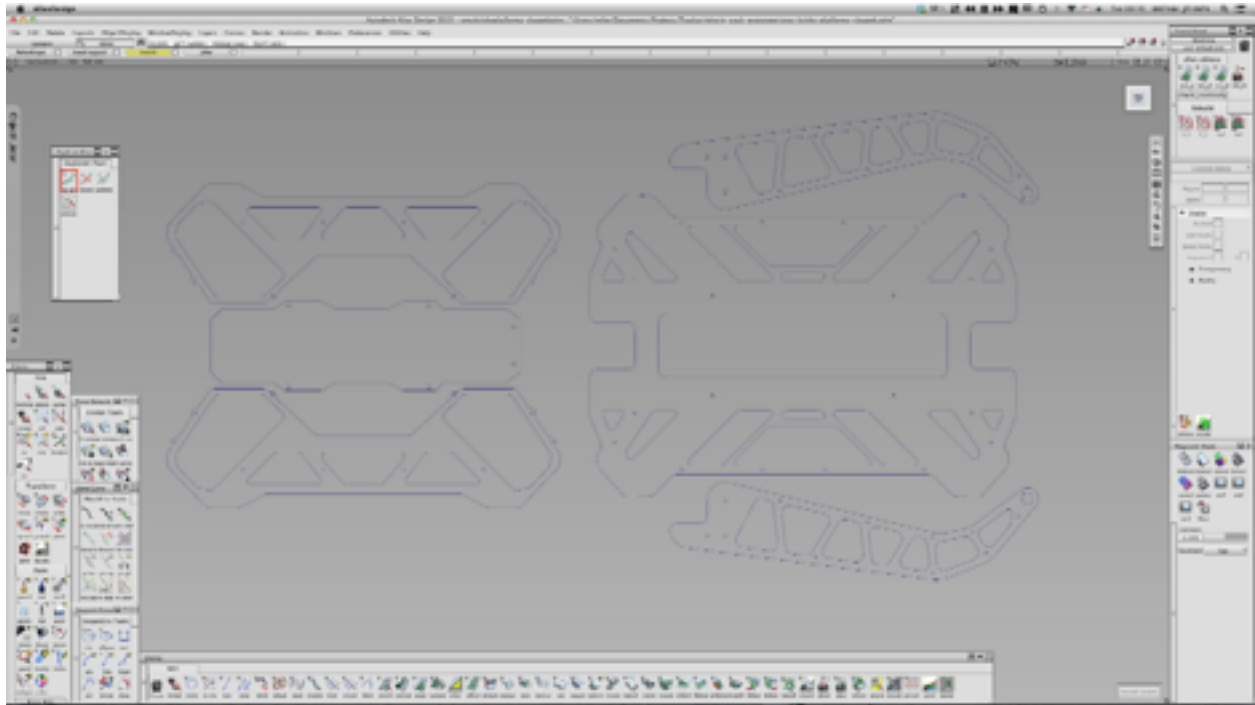
Mike Jelinek is concept artist and design avanturist. Mike has worked at Autodesk as global automotive concept design expert and technical account manager. Previously he held various creative positions at design and styling departments of VW, Skoda, Citroen, GM Europe, Mercedes both as employee or freelancer.

Starting 2012, Mike runs his own design consulting company with customers around the world, mainly in Australia, France and Sweden. He keeps his focus on alternative transportation and creativity generally.

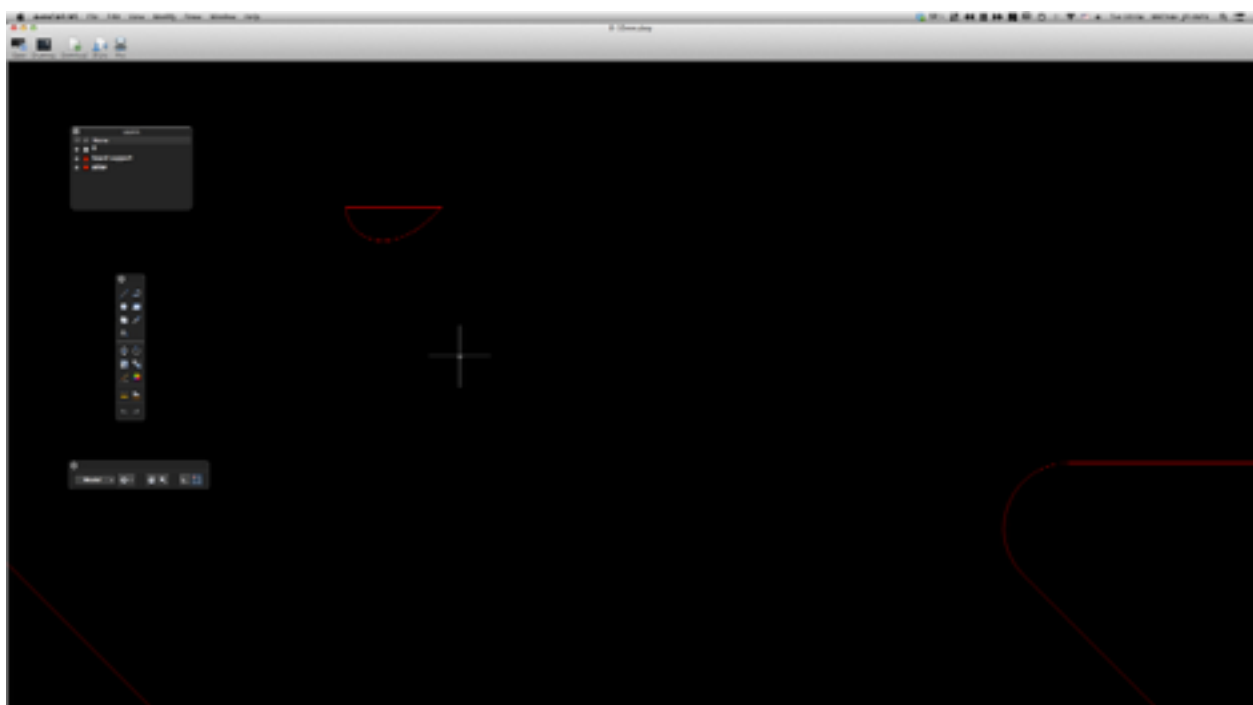
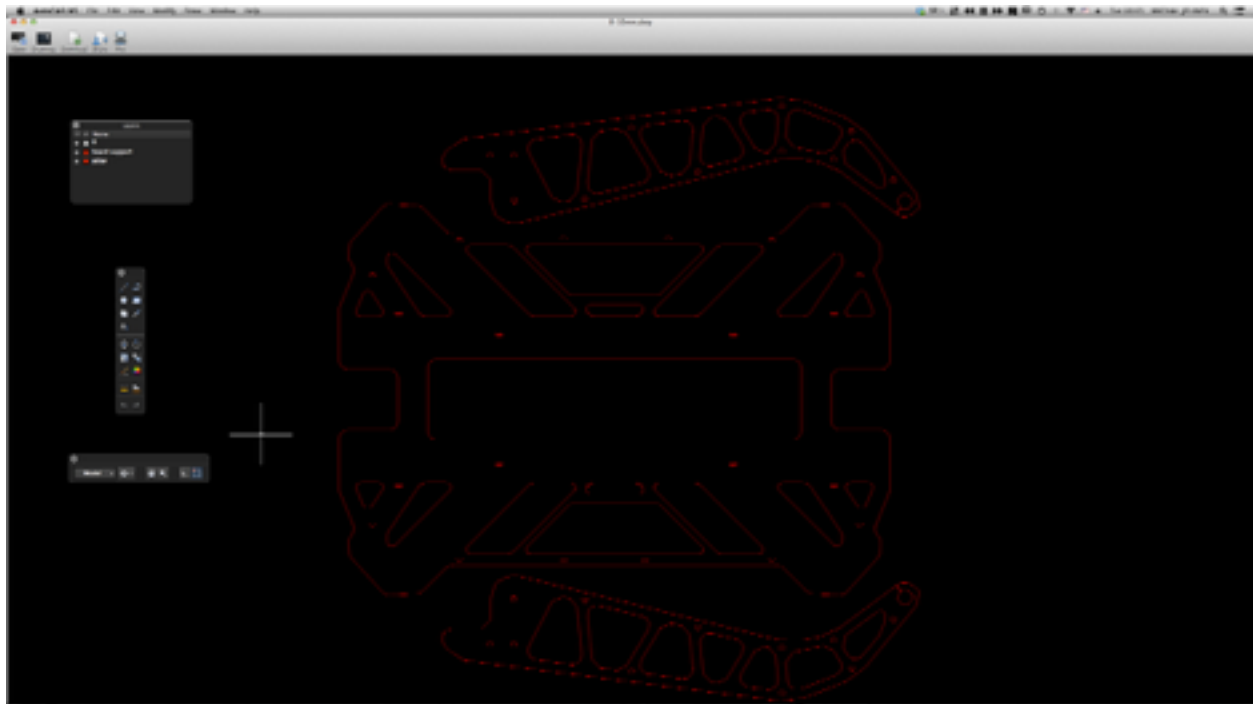
Among the others, his work was published at Core77, Wired magazine or Yanko Design.

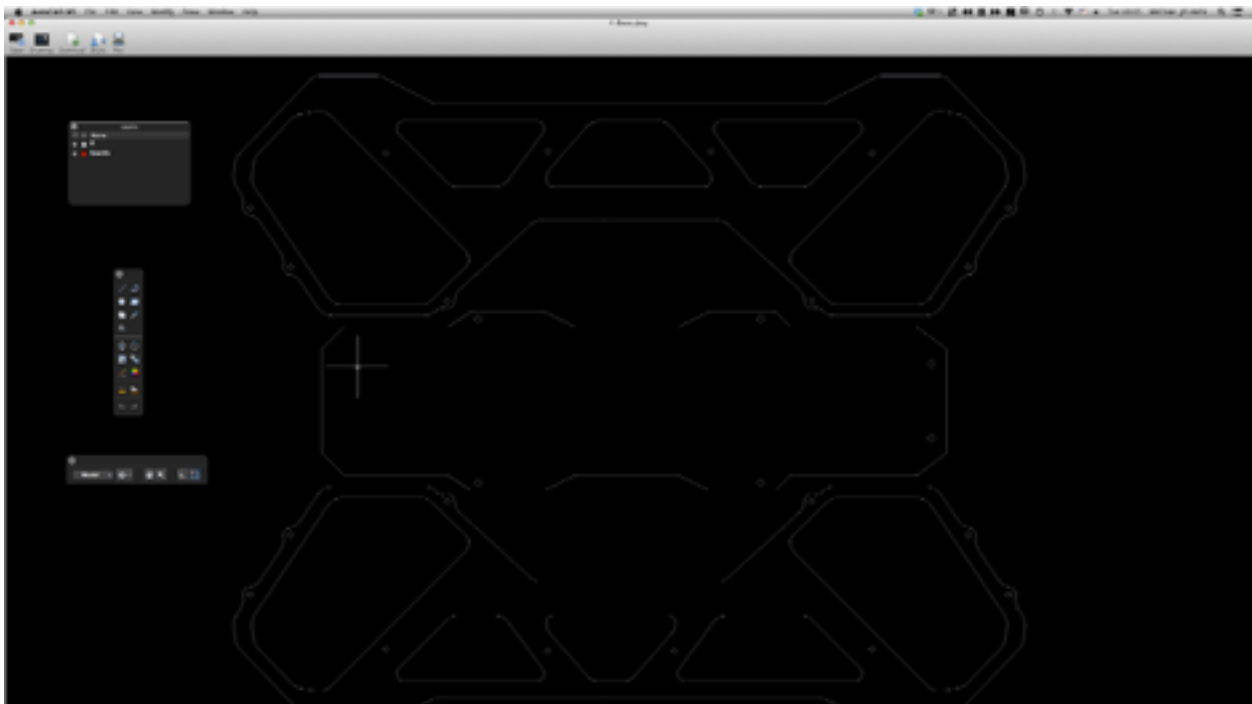
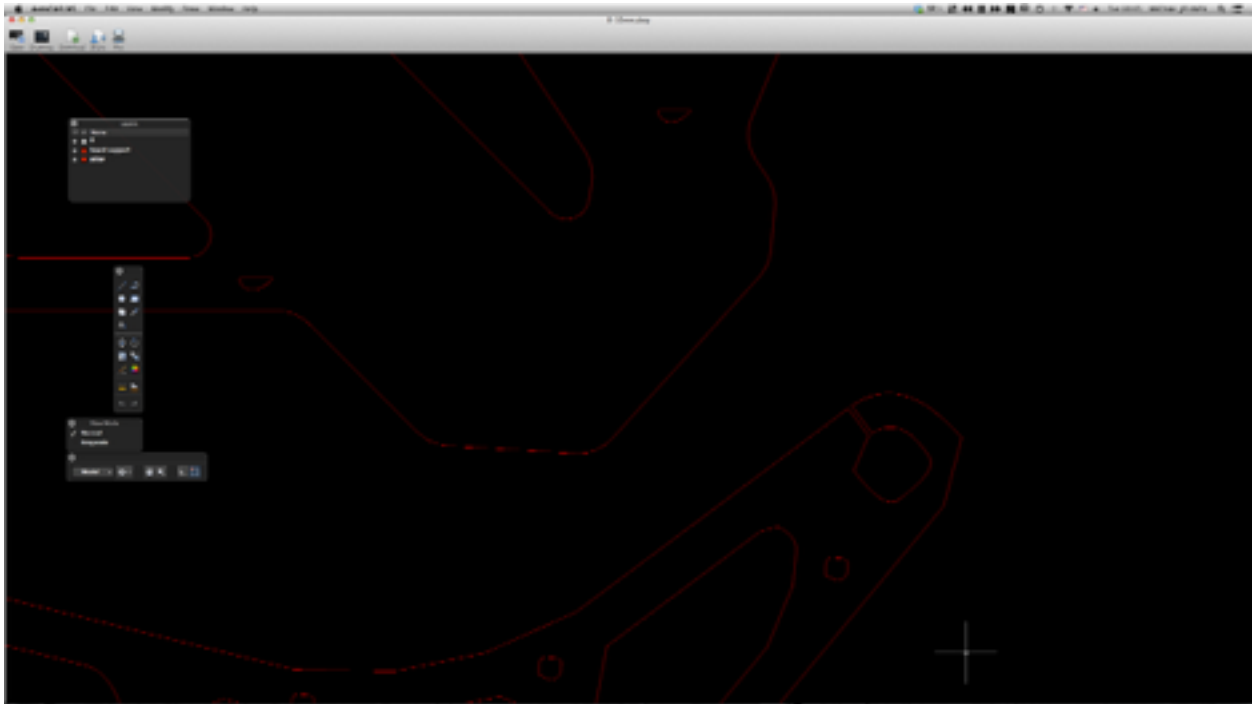
For more information visit Mike's blog here: www.horseville.net or visit the Machines of adventure fan page here: <https://www.facebook.com/MachinesOfAdventure>

Screenshots of Alias data

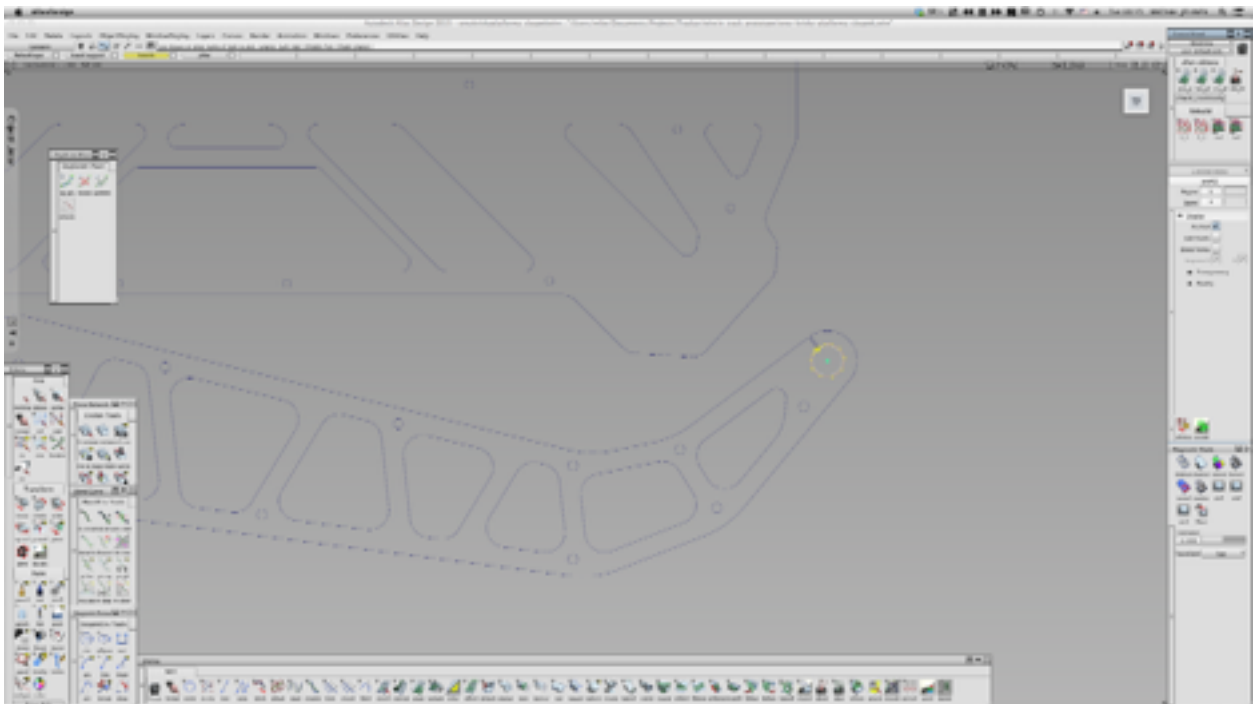
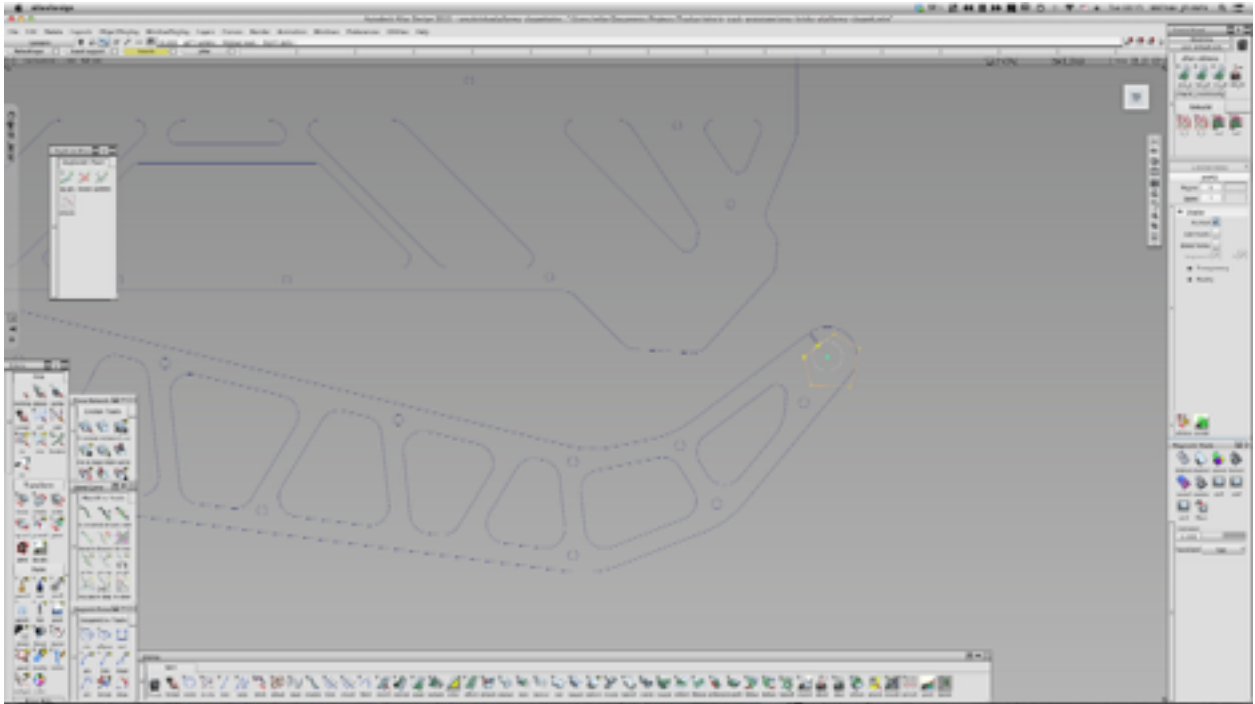


Same file in AutoCAD WS

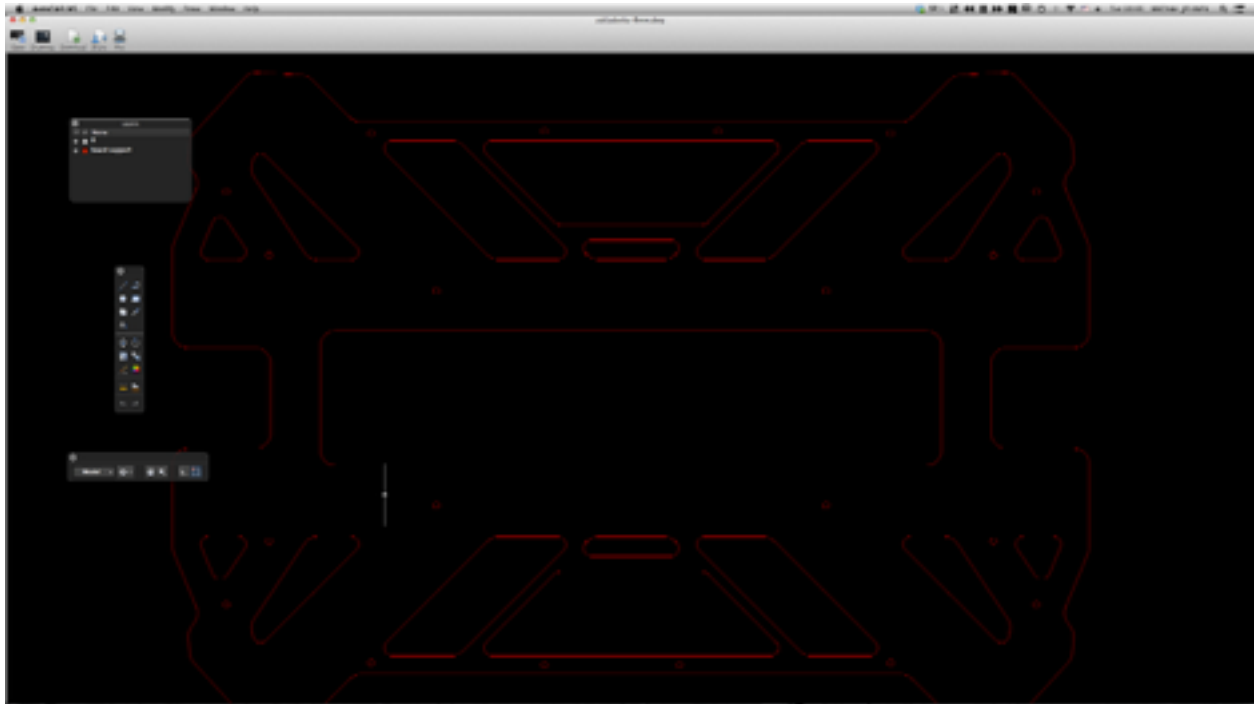




Changing curve parametrization in order to improve the quality in AutoCAD



Result in AutoCAD WS



Using Fusion in pipeline

