

PROJECT JET PLANE

BY: BRYAN PIERRE-LOUIS

MOST AMAZING AIRCRAFT

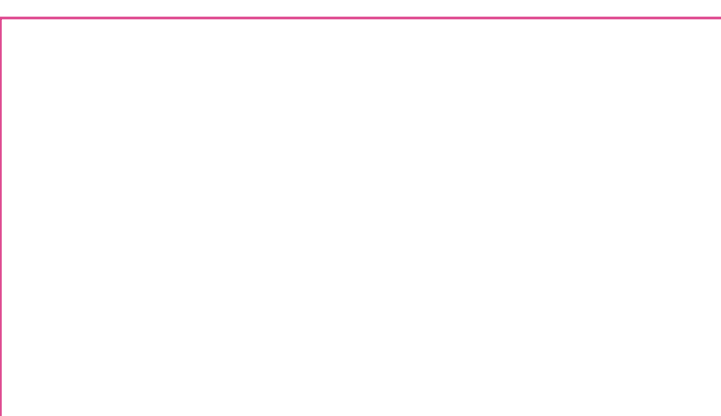
Bryan Pierre-Louis

Game Design

The JetPlane!!

Introduction

I will for my culmination create a jet plane using the application fusion 360. I will overcome adversity and do something innovative and creative and unique. I most definitely will add this to my portfolio when completed. I will make this jet plane have all the curves and take my time for details and make sure it's the most perfect I could do it, to the best of my abilities. It will be able to glide through the air at the end of the process.



Materials and methods

- The method I'll take is working on the project weekly with total concentration. I will use fusion 360 to create my model of the jet plane. I'll model my jet in 360 and get the shape of it through fusion 360.
- I'll try to meet with my professor and meet with my technical advisor whenever I can, to speak to one another and keep things at a certain pace. I will also use cura to apply the jet plane to the 3D printer. I will use the 3D printer to bring the jet plane to life.
- I absolutely do not have a camera to document my project. I will be using my iphone to record the flight of my jet plane and I'll fly this plane in a big park. I need an open space to actually get the freedom of flight for this and see how far the flight will be.

Description

I want to be able to accomplish a lot and have a finished product. If I don't have something perfect and it's close to it I won't feel as accomplished as I should about my own work. The process will help learn from it nonetheless, even if I do not accomplish every single thing I need to in this project. This project will typically be a Jet that'll have wings and be printed and could be used for flight and fun. The user of this will be able to enjoy the plane flying around in a nice big park setting for spacious reasons. I am making this plane for people that need something that keeps them relaxed. You could throw this around and it will keep you calm and relaxed throughout the process. This Jet Plane will be great for people mentally and for fun!

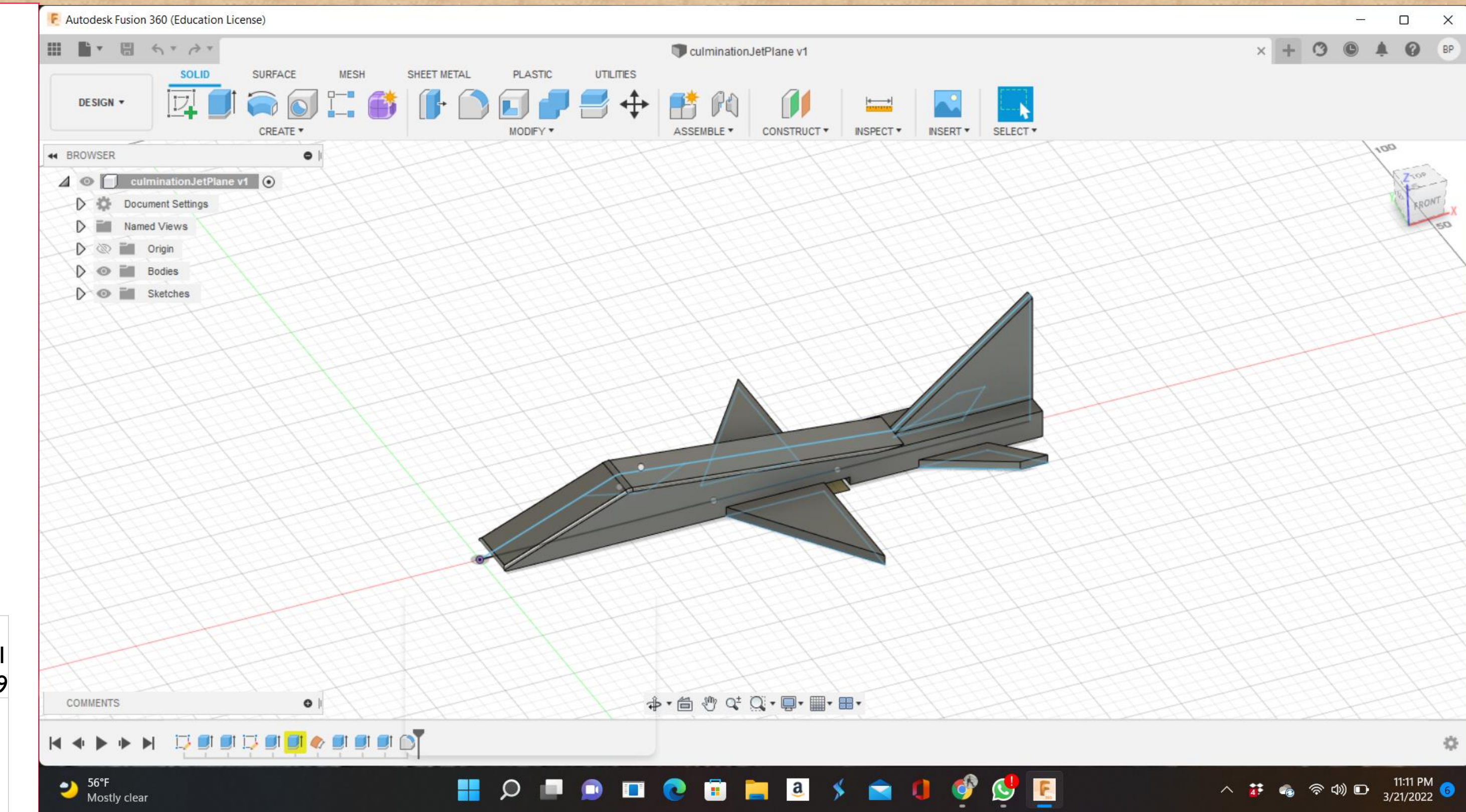
Schedule

| DAILY SCHEDULE | | | | | | |
|----------------|------------|------------------------|------------------------|-----------------------------|--------|----------|
| Week | February 3 | | | | | |
| of: | | | | | | |
| SUNDAY | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY |
| 8:00 AM | | | | | | |
| 8:30 AM | | | | | | |
| 9:00 AM | | | | | | |
| 9:30 AM | | | | | | |
| 10:00 AM | | | | | | |
| 10:30 AM | | | | | | |
| 11:00 AM | | | | | | |
| 11:30 AM | | | | | | |
| 12:00 PM | | Working on the project | | | | |
| 12:30 PM | | Working on the project | | | | |
| 1:00 PM | | Working on the project | Working on the project | | | |
| 1:30 PM | | Working on the project | Working on the project | | | |
| 2:00 PM | | Working on the project | Working on the project | | | |
| 2:30 PM | | | Working on the project | | | |
| 3:00 PM | | | Working on the project | | | |
| 3:30 PM | | | | | | |
| 4:00 PM | | | | | | |
| 4:30 PM | | | | | | |
| 5:00 PM | | | | | | |
| 5:30 PM | | | Working on the project | | | |
| 6:00 PM | | | Working on the project | Meet with Technical Advisor | | |
| 6:30 PM | | | | Meet with Technical Advisor | | |

Required Resources

- Fusion 360
- 3D Printer
- Laptop
- Cura

| | 2/3 | 2/4 | 2/5 | 0 | 7 | 4 | 6 | 33 | 3/5 | 0 | 7 | 9 | 4 | 6 | 1 | 7 | 9 | 4 | 6 | 1 | 8 | 5 | 2 | 9 | |
|-----------------------------------|--------|-----|-----|---|---|---|---|----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Work on Fusion 360/Creating Model | Yellow | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Proposal | | | | | | | | | | | | | | | | | | | | | | | | | |
| Testing Flight of Jet Plane | | | | | | | | | | | | | | | | | | | | | | | | | |
| Buy Tools to fly Jet Plane | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3D Print Jet Plane | | | | | | | | | | | | | | | | | | | | | | | | | |
| Meet with Tech Advisor | | | | | | | | | | | | | | | | | | | | | | | | | |
| Attend Class for Culmination | | | | | | | | | | | | | | | | | | | | | | | | | |
| Go to location to test Jet Plane | | | | | | | | | | | | | | | | | | | | | | | | | |
| Work on Poster | | | | | | | | | | | | | | | | | | | | | | | | | |
| Openlab Portfolio | | | | | | | | | | | | | | | | | | | | | | | | | |
| Edit Video | | | | | | | | | | | | | | | | | | | | | | | | | |
| Presentations | | | | | | | | | | | | | | | | | | | | | | | | | |



Inspiration

Cited Websites/Inspiration

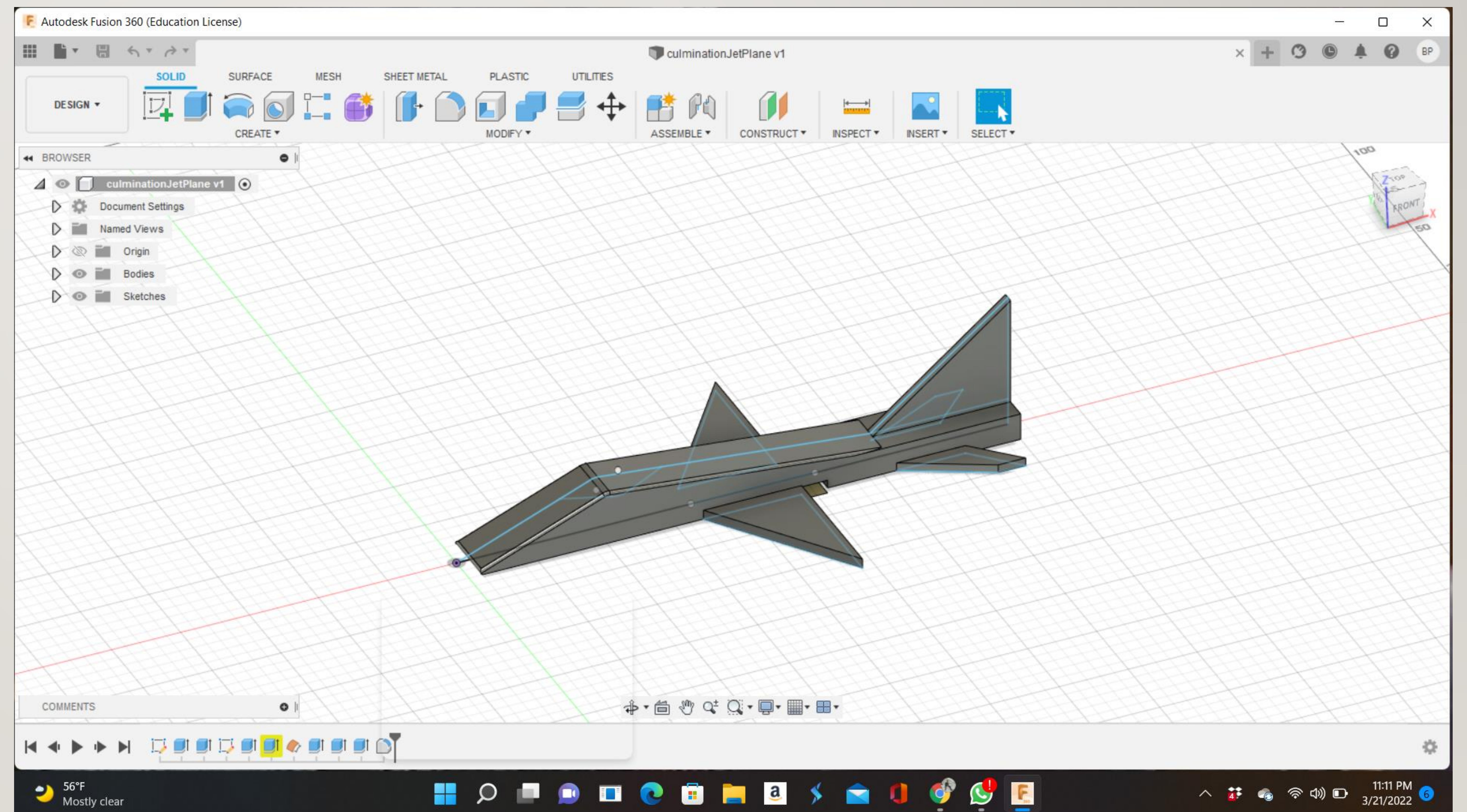
- <https://www.instructables.com/>
- <https://all3dp.com/2/3d-printed-rc-plane-best-curated-models/>
- <https://www.youtube.com/watch?v=-Tw7KmmVWj4>
- <https://www.eclipsion-airplanes.com/>
- <https://www.3dsourced.com/guides/3d-printed-rc-planes/>
- <https://www.rcgroups.com/forums/showthread.php?3525641-List-of-3d-printed-plane-plans>

JetPlane Project

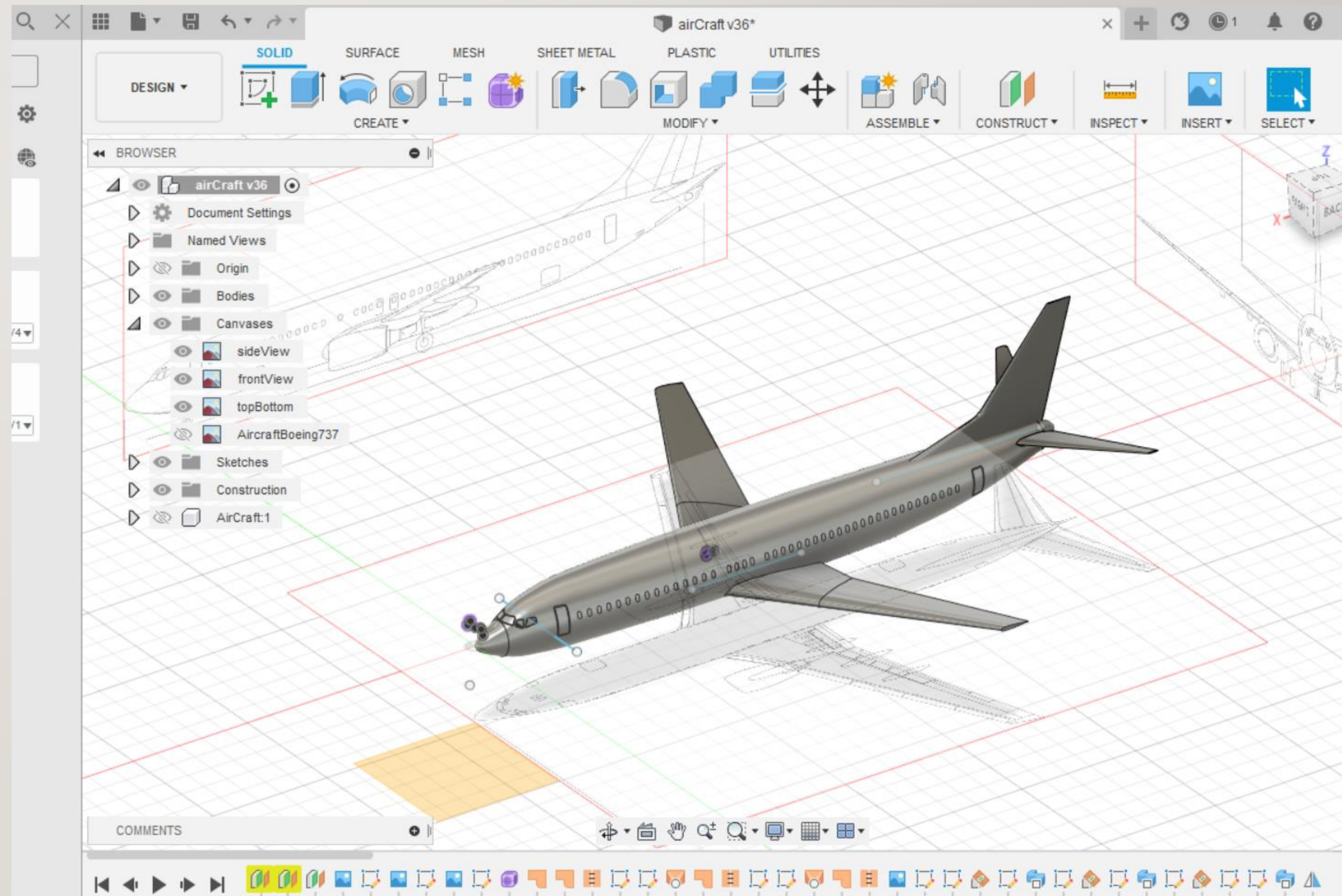
Proposal

- How to
- Poster Sessions
- Presentation Practice
- Individual Presentation
- Jet Plane
- Flight

Here is the Jet Plane and how it was created before. With hardwork and dedication I was able to create more and do much more than I even expected.

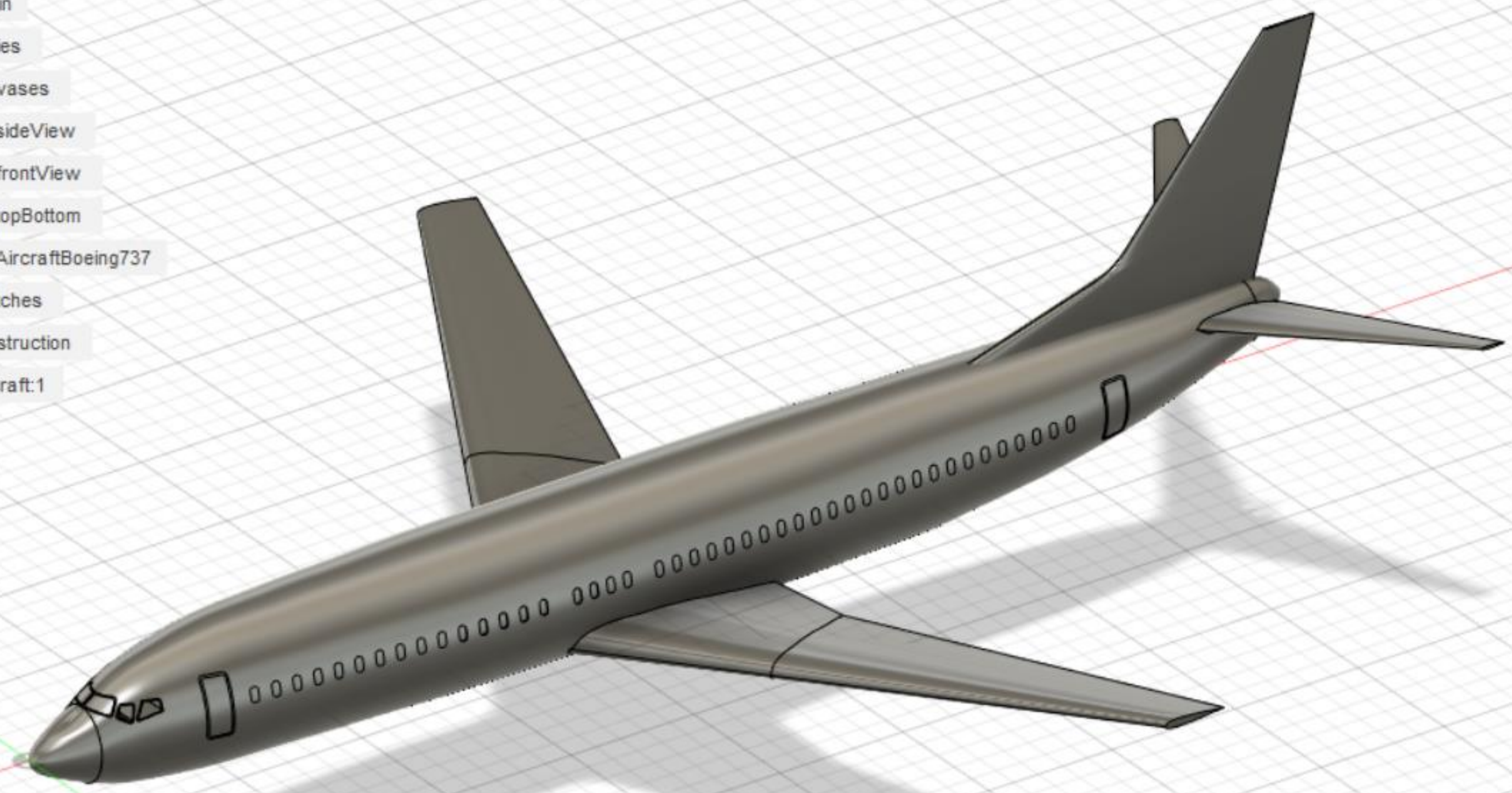


This is my Jet Plane after many changes, I used the canvas as a blueprint and built the entire jet plane. The wings, the front nose, the entire body were all different bodies put together to make one.

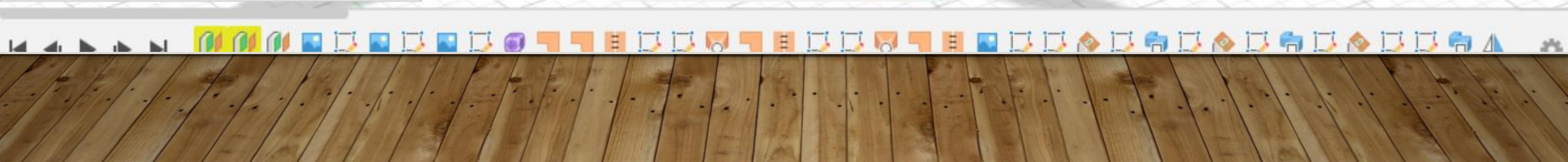


airCraft v36

- Document Settings
- Named Views
- Origin
- Bodies
- Canvases
 - sideView
 - frontView
 - topBottom
 - AircraftBoeing737
- Sketches
- Construction
- AirCraft:1



Navigation toolbar with icons for pan, rotate, zoom, and other CAD functions.





Here are the JetPlane in pieces before I assembled it all together



Back View



Close Up



3D View



Top View



Thank you! So Much!!
This is the End!!

Do you have any Questions for me?