



The Sheridan pilot workflow

2D



3D



1



Experiment: Use ChatGPT to develop Eddy Richenbacher bust- 2D



a closup image of eddie richenbacher flying in the cockpit of a byplane
as it is flying with only the fuselage up with all the cold weather gear of
that period, ww1

*He's famous
enough the
prompt didn't
need a picture.
Here for
reference.*



2



Crop and remove background-2D



USING PowerPoint

3



Prompt ChatGPT to replace ER with Sheridan-2D

isolate just the pilot.

Free offer x



with the isolated pilot picture add the attached face in place of the existing one. Maintain face features so it is recognizable





Meshy for 2D -3D conversion

Meshy | Workspace | Community | My Assets | API | Learn | Resources

Assets

Image



Name

SheridanACE

Model Type

Standard Low Poly (Beta)

AI Model

Meshy 6

Image Enhancement

Multi-view (Beta)

Pose

A-Pose T-Pose Custom

License

CC BY 4.0 Private

Topology Triangle

Faces 2,028,628

Vertices 1,014,220

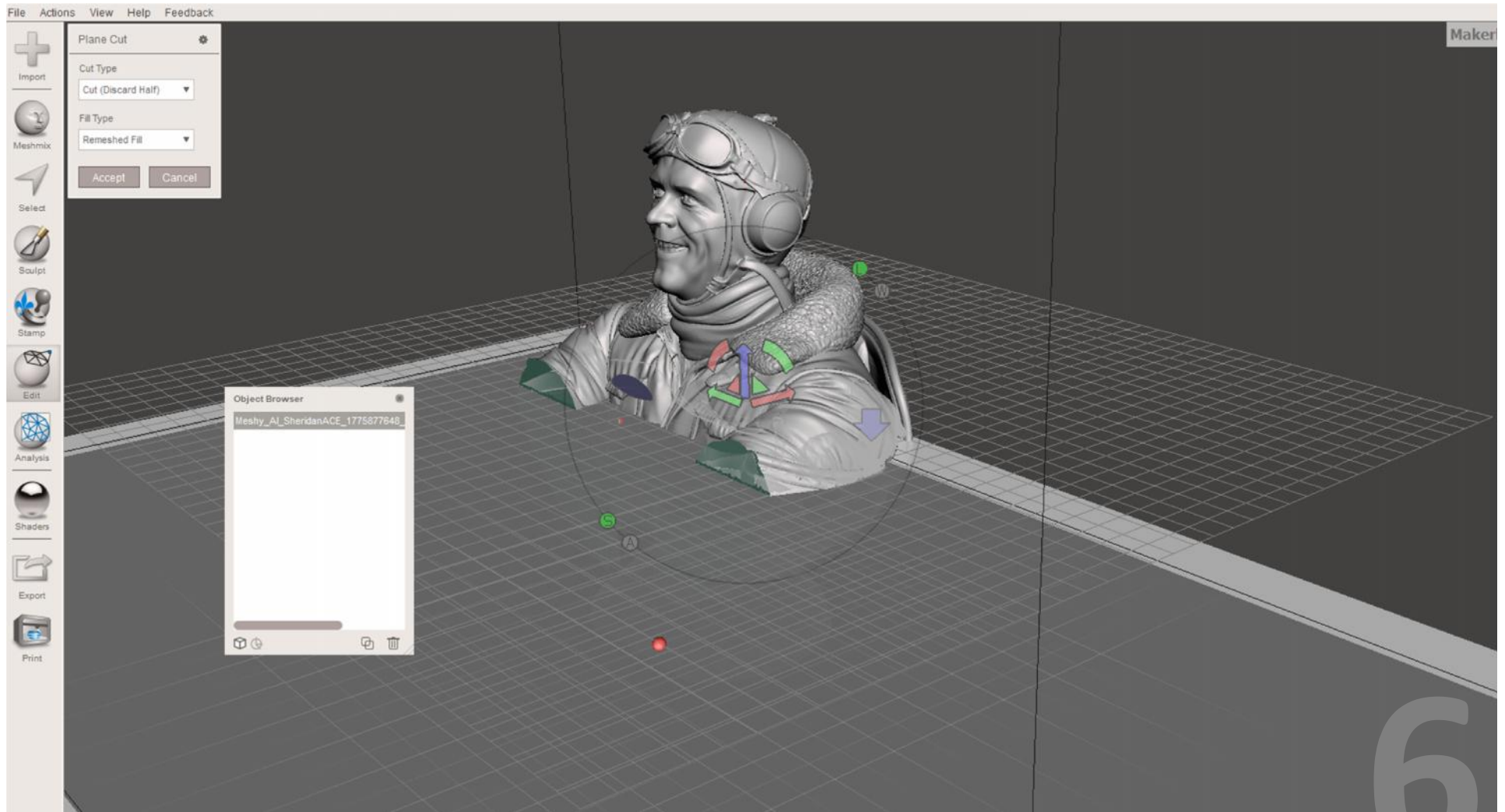
Printability

Export as .stl

5



Meshmixer for Clean up-3D (stl)





Prep & scale for printing via slicer

Printer

Flashforge AD5X 0.4 nozzle

Bed type Smooth High Temp Plate

Filament

Flushing volumes

1 Flashforge HS PL... 2 Flashforge HS PLA ...

3 Flashforge HS PL... 4 Flashforge HS PLA ...

Process Global **Objects** Advanced

Search plate, object and part.

Name	Fila.
✓ Plate 1	
⚠ SheridanACEcleaned.stl	1

> Outside

Frequent Quality Strength **Support** Multimaterial O..

Support

Enable support ☒

Type Tree(auto)

Threshold angle 25°

Threshold overlap 50% mm or %

On build plate only ☐



Printed result





TINKERCAD

Easy STL Edits

AUTODESK MESHMIXER

Today we are going to cover three quick ways to modify an STL. So let's get cracking. Our

Change Title!

3 Easy Ways to Edit an STL File using Tinkercad & Meshmixer

HL ModTech
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