

3D MODEL ONLY



Full Liquid Rocket Engine (Student Project)



Triitium

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Summary

Student project to create full liquid rocket engine with regenerative cooling

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Tags: [rocket](#) [engine](#) [cooling](#)

This is a student project to design a full liquid rocket engine capable of producing 3600 lbs of thrust.

Designed with inbuilt regenerative cooling.

Intended to be a functional model when 3d printed in Inconel alloy using an FDM metal 3D printer.

Model files



f11-engine-liquid-rocket-engine-regenerative-cooling .stl

☐ Cooling channels running vertically through the chamber



f11-engine-liquid-rocket-engine-inside-shell.stl

☐ Hollow on the interior to be flooded with liquid water

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