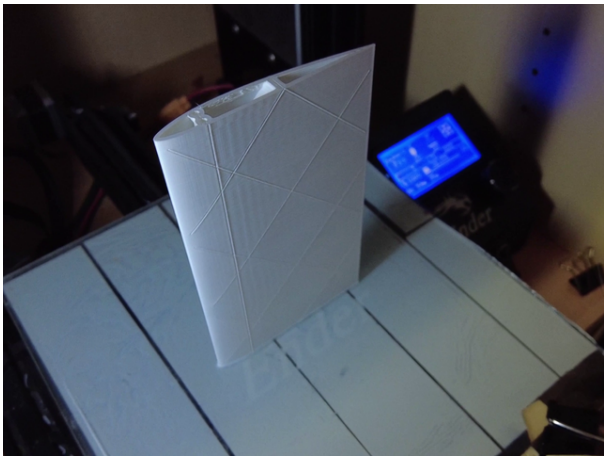

Tutorial: Creating wings optimized for single perimeter printing

c-arts-modelle

VIEW IN BROWSER

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Summary

Tutorial: Creating wings optimized for single perimeter printing

2.95 hrs	1 pcs	0.20 mm	0.40 mm	PLA	20 g	Creality Ender 3

Hobby & Makers > RC & Robotics

Tags: tutorial wing rc rcplane airplane

Creating wings in FreeCad and PrusaSlicer, optimized for single perimeter printing.

I made some video tutorials, how I create my RC-airplane wings.
I do the CAD-part in FreeCad, a free, opensource CAD software.
The gluing surfaces are created in PrusaSlicer by using staggered modifiers.
I have included the FreeCad testfile here for download.

Video 1: Creating the wing with stiffeners in FreeCad Video 2: Adding a carbon spar to the wing Video 3: Creating the gluing surfaces in PrusaSlicer

I hope this tutorial is helpful!

Model files

testwing_with_spar_and_glue_surface01.3mf

jw_testwing.fcstd

Print files

testwing_with_spar_and_glue_surface01_210.gcode

PLA 0.40 mm 0.20 mm 2.95 hrs 20 g Creality Ender 3

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