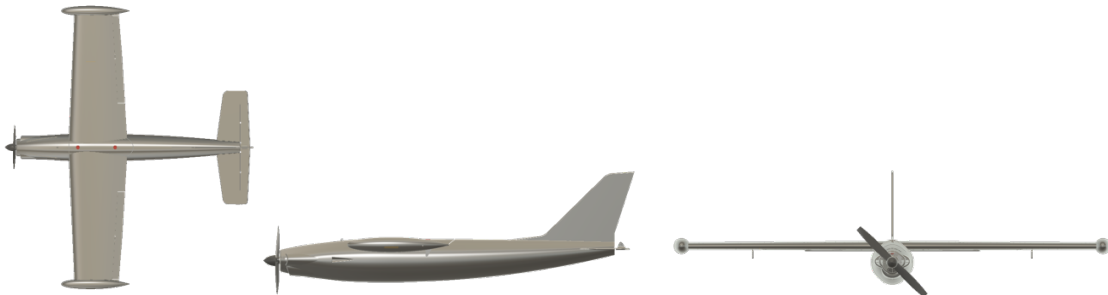




SP1

print parts



data sheet: SP1

Wingspan:	912mm (35.9 inches)
Length:	727mm (28.6 inches)
Height:	175mm (6.8 inches)
Wing loading:	63.55g/dm ²
Center of gravity:	65 mm / 2.5 in = from leading edge
Airfoil:	Eppler E226
Print weight (LW PLA):	650g
Take off weight:	960g
Motor:	BL Outrunner 2826/12 1450 KV
ESC:	EP Aer33-Aer-Series 33A Flug ESC
Propeller:	APC PROPELLERS Slowfly-Propeller 8x3.8 "
Battery:	3S 11.1V 2200mAh 35C/70C
for 3-channel control	Motor, elevator, ailerons

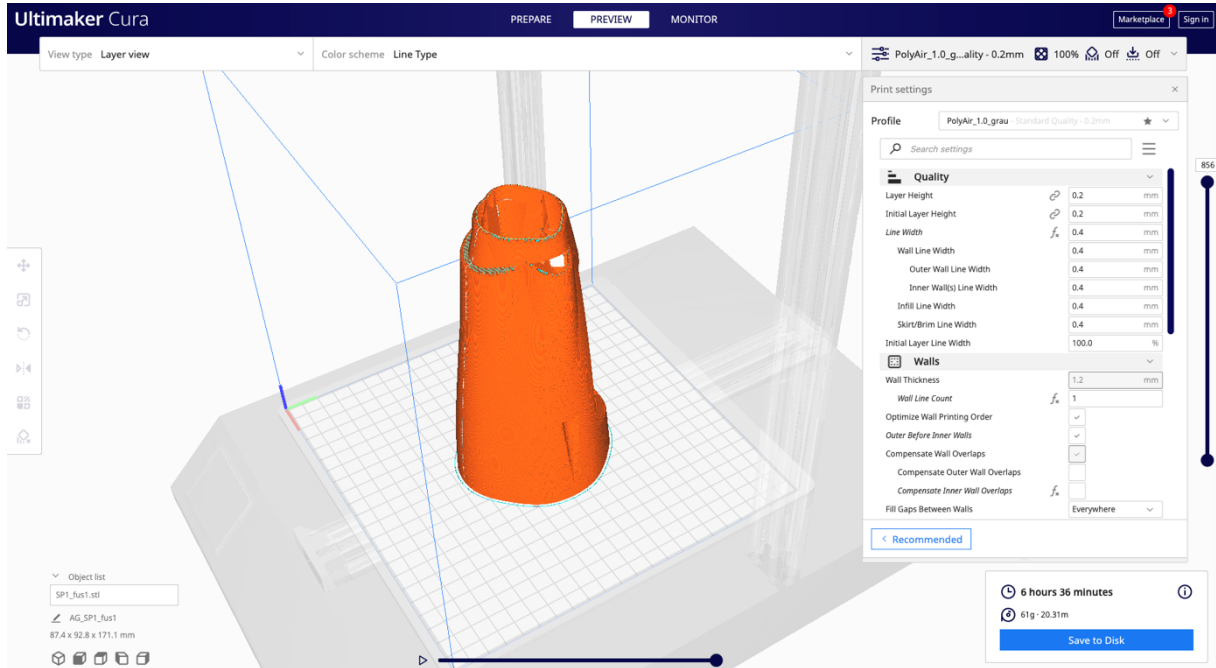




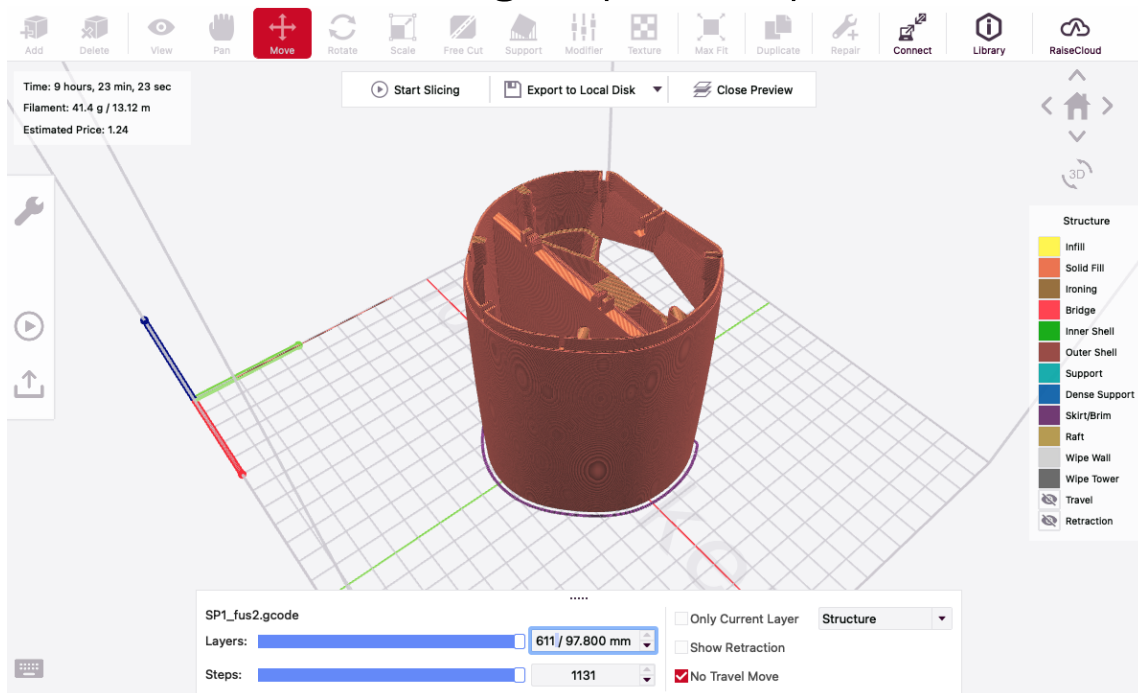
SP1

print parts

fuselage 1 (PLA)



fuselage 2 (LW-PLA)





SP1

print parts

fuselage 3 (LW-PLA)

Time: 12 hours, 4 min, 5 sec
Filament: 54.2 g / 17.19 m
Estimated Price: 1.63

Start Slicing Export to Local Disk Close Preview

Structure

- Infill
- Solid Fill
- Ironing
- Bridge
- Inner Shell
- Outer Shell
- Support
- Dense Support
- Skirt/Brim
- Raft
- Wipe Wall
- Wipe Tower
- Travel
- Retraction

SP1_fus3.gcode

Layers: 1094 / 175.080 mm

Steps: 731

Only Current Layer Structure

Show Retraction

No Travel Move

fuselage 4 (LW-PLA)

Time: 8 hours, 55 min, 32 sec
Filament: 45.6 g / 14.46 m
Estimated Price: 1.37

Start Slicing Export to Local Disk Close Preview

Structure

- Infill
- Solid Fill
- Ironing
- Bridge
- Inner Shell
- Outer Shell
- Support
- Dense Support
- Skirt/Brim
- Raft
- Wipe Wall
- Wipe Tower
- Travel
- Retraction

SP1_fus4.gcode

Layers: 1258 / 201.320 mm

Steps: 1047

Only Current Layer Structure

Show Retraction

No Travel Move

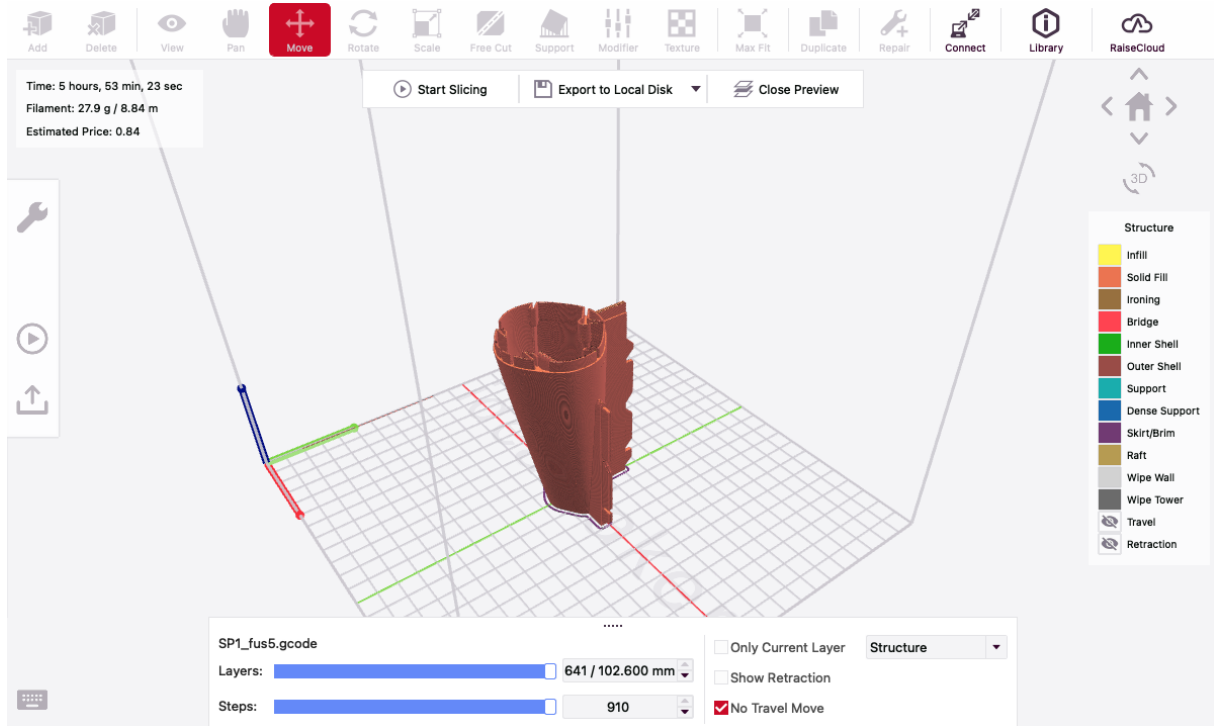




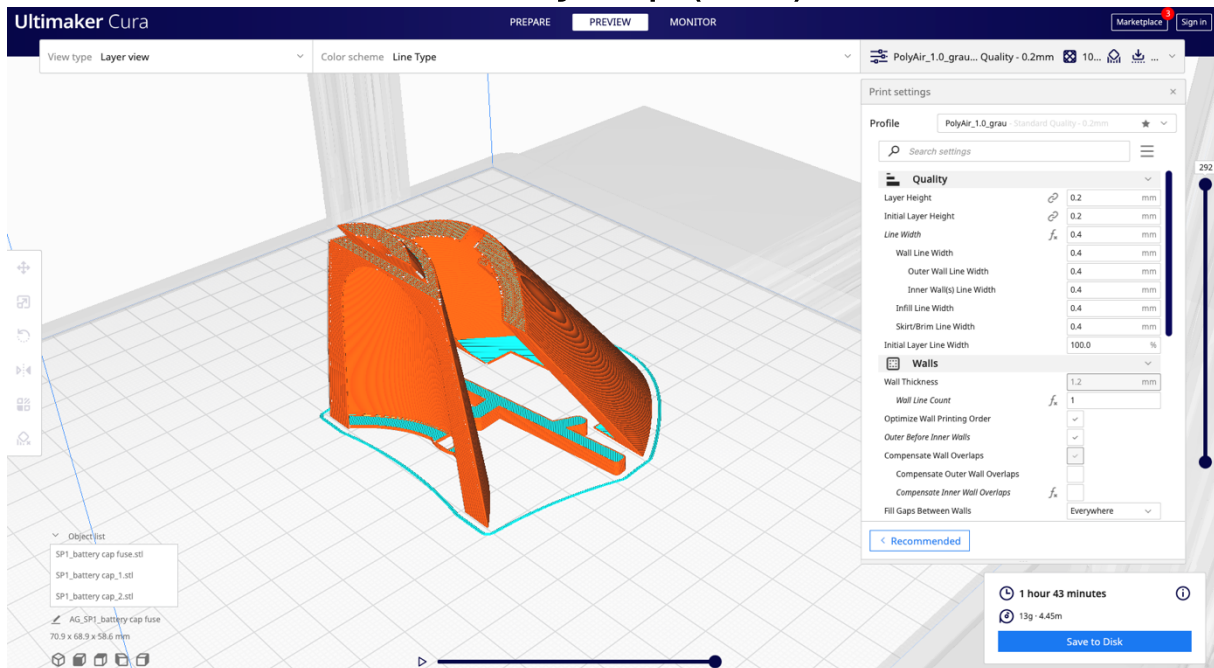
SP1

print parts

fuselage 5 (LW-PLA)



battery cap (PLA)



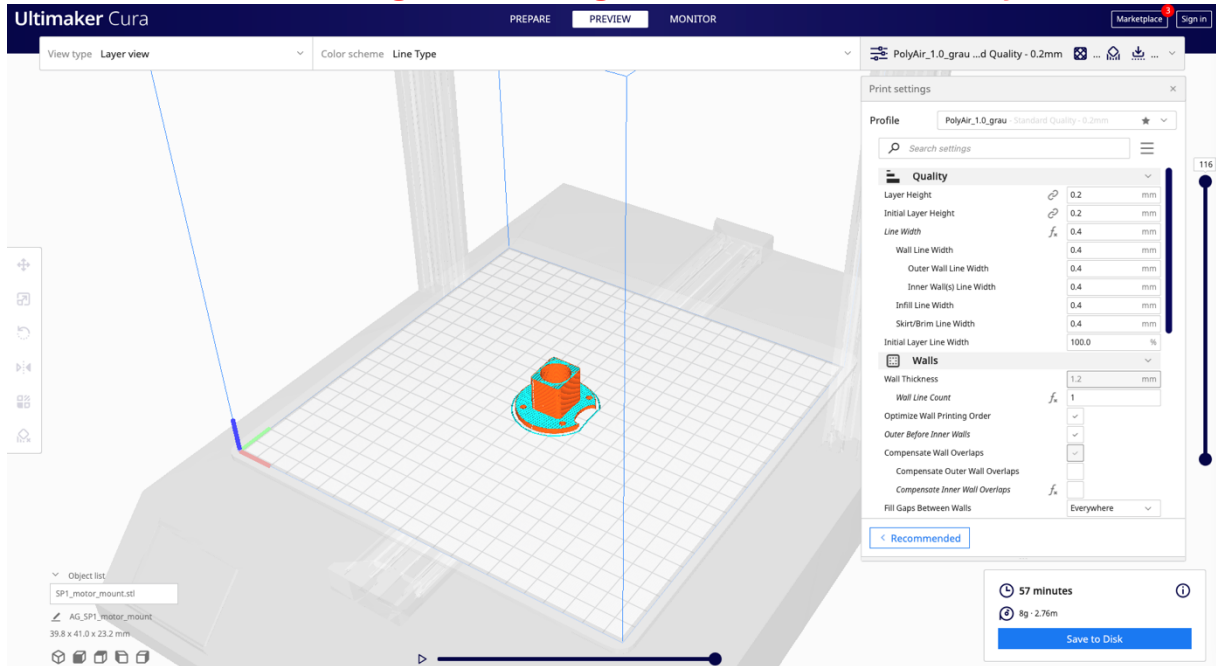


SP1

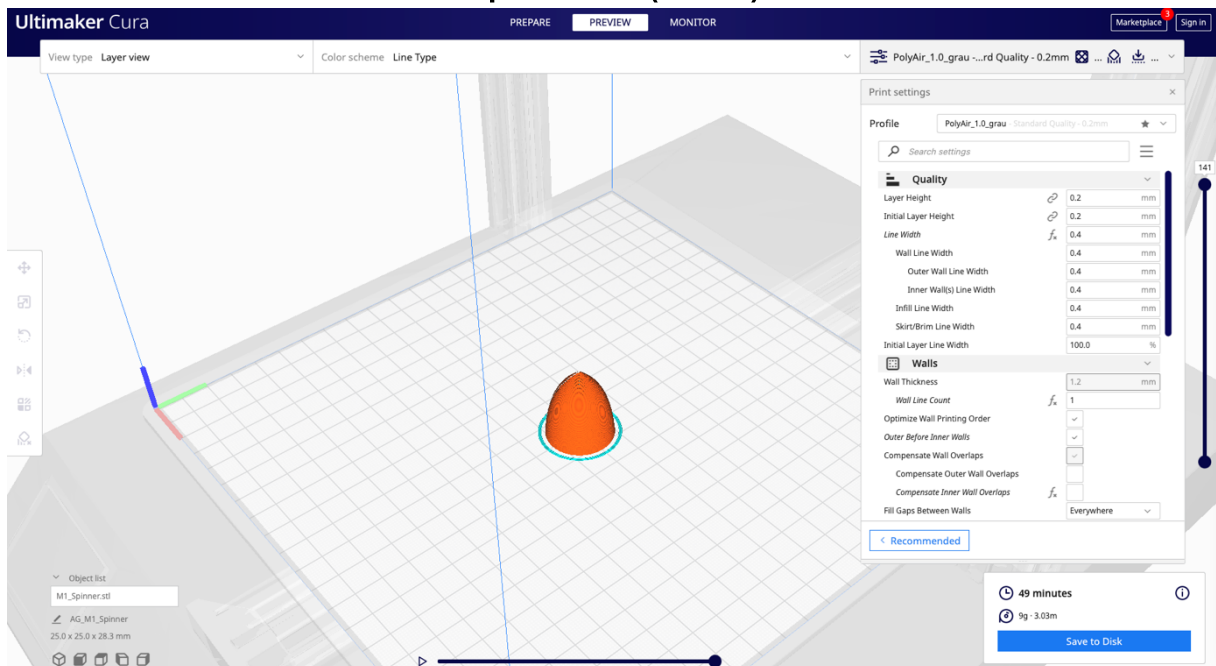
print parts

motor mount (PLA)

!! The correct angle to the right and down is already set. !!



spinner (PLA)

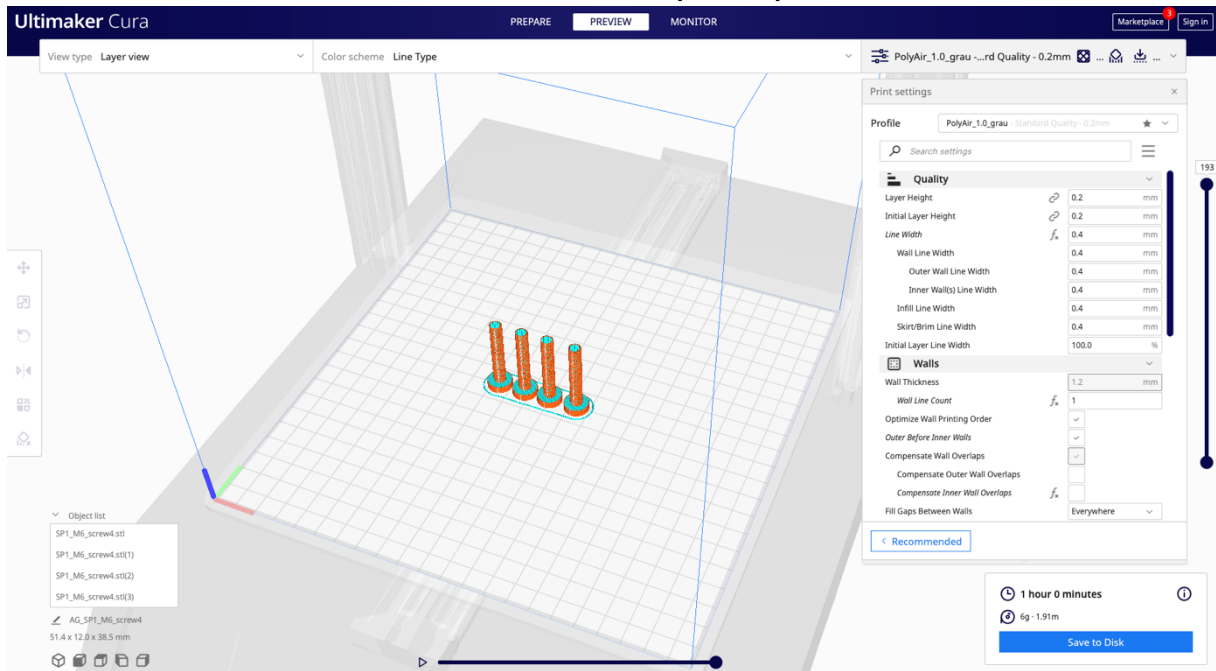




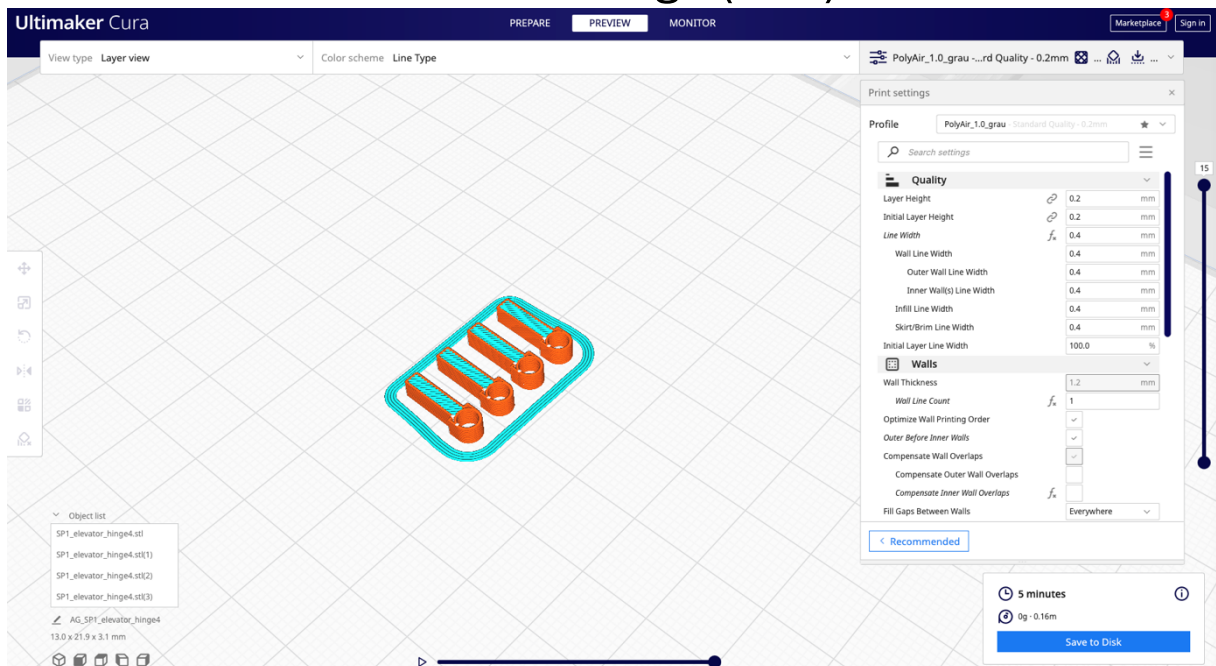
SP1

print parts

m6 screw (PLA)



elevator hinge (PLA)





SP1

print parts

wing 1L (LW-PLA)

Time: 12 hours, 8 min, 51 sec
Filament: 66.2 g / 20.97 m
Estimated Price: 1.99

Start Slicing Export to Local Disk Close Preview

SP1_wing1_L.gcode

Layers: 931 / 149.000 mm

Steps: 665

Only Current Layer Structure

Show Retraction

No Travel Move

Structure

- Infill
- Solid Fill
- Ironing
- Bridge
- Inner Shell
- Outer Shell
- Support
- Dense Support
- Skirt/Brim
- Raft
- Wipe Wall
- Wipe Tower
- Travel
- Retraction

wing 2L (LW-PLA)

Time: 7 hours, 28 min, 35 sec
Filament: 44.8 g / 14.21 m
Estimated Price: 1.35

Start Slicing Export to Local Disk Close Preview

SP1_wing2_L.gcode

Layers: 934 / 149.480 mm

Steps: 462

Only Current Layer Structure

Show Retraction

No Travel Move

Structure

- Infill
- Solid Fill
- Ironing
- Bridge
- Inner Shell
- Outer Shell
- Support
- Dense Support
- Skirt/Brim
- Raft
- Wipe Wall
- Wipe Tower
- Travel
- Retraction





SP1

print parts

wing 3L (LW-PLA)

Time: 5 hours, 32 min, 0 sec
Filament: 33.1 g / 10.48 m
Estimated Price: 0.99

Start Slicing Export to Local Disk Close Preview

Structure

- Infill
- Solid Fill
- Ironing
- Bridge
- Inner Shell
- Outer Shell
- Support
- Dense Support
- Skirt/Brim
- Raft
- Wipe Wall
- Wipe Tower
- Travel
- Retraction

SP1_wing3_L.gcode

Layers: 872 / 139.560 mm

Steps: 504

Only Current Layer Structure

Show Retraction

No Travel Move

wing fuel tank L1 (LW-PLA)

Time: 1 hours, 21 min, 47 sec
Filament: 8.5 g / 2.71 m
Estimated Price: 0.26

Start Slicing Export to Local Disk Close Preview

Structure

- Infill
- Solid Fill
- Ironing
- Bridge
- Inner Shell
- Outer Shell
- Support
- Dense Support
- Skirt/Brim
- Raft
- Wipe Wall
- Wipe Tower
- Travel
- Retraction

SP1_wing fuel tank1_L.gcode

Layers: 567 / 90.760 mm

Steps: 42

Only Current Layer Structure

Show Retraction

No Travel Move





SP1

print parts

wing fuel tank L2 (LW-PLA)

wing fuel tank R1 (LW-PLA)





SP1

print parts

wing fuel tank R2 (LW-PLA)

wing 1R (LW-PLA)





SP1

print parts

wing 2R (LW-PLA)

wing 3R (LW-PLA)





SP1

print parts

eileron L (LW-PLA)

Time: 1 hours, 57 min, 59 sec
Filament: 11.4 g / 3.61 m
Estimated Price: 0.34

Start Slicing Export to Local Disk Close Preview

Structure

- Infill
- Solid Fill
- Ironing
- Bridge
- Inner Shell
- Outer Shell
- Support
- Dense Support
- Skirt/Brim
- Raft
- Wipe Wall
- Wipe Tower
- Travel
- Retraction

SP1_eileron_1_L.gcode

Layers: 494 / 79.080 mm

Steps: 69

Only Current Layer Structure

Show Retraction

No Travel Move

eileron_R (LW-PLA)

Time: 1 hours, 55 min, 32 sec
Filament: 11.4 g / 3.60 m
Estimated Price: 0.34

Start Slicing Export to Local Disk Close Preview

Structure

- Infill
- Solid Fill
- Ironing
- Bridge
- Inner Shell
- Outer Shell
- Support
- Dense Support
- Skirt/Brim
- Raft
- Wipe Wall
- Wipe Tower
- Travel
- Retraction

SP1_eileron_1_R.gcode

Layers: 495 / 79.240 mm

Steps: 10

Only Current Layer Structure

Show Retraction

No Travel Move





SP1

print parts

horizontal stabilizer1 L (LW-PLA)

Time: 2 hours, 4 min, 14 sec
Filament: 12.2 g / 3.85 m
Estimated Price: 0.36

Start Slicing Export to Local Disk Close Preview

Structure

- Infill
- Solid Fill
- Ironing
- Bridge
- Inner Shell
- Outer Shell
- Support
- Dense Support
- Skirt/Brim
- Raft
- Wipe Wall
- Wipe Tower
- Travel
- Retraction

SP1_hor_stabi1_L.gcode

Layers: 724 / 115.880 mm

Steps: 227

Only Current Layer Show Retraction No Travel Move

horizontal stabilizer2 L (LW-PLA)

Time: 0 hours, 57 min, 10 sec
Filament: 5.7 g / 1.81 m
Estimated Price: 0.17

Start Slicing Export to Local Disk Close Preview

Structure

- Infill
- Solid Fill
- Ironing
- Bridge
- Inner Shell
- Outer Shell
- Support
- Dense Support
- Skirt/Brim
- Raft
- Wipe Wall
- Wipe Tower
- Travel
- Retraction

SP1_hor_stabi2_L.gcode

Layers: 288 / 46.120 mm

Steps: 211

Only Current Layer Show Retraction No Travel Move





SP1

print parts

horizontal stabilizer1 R (LW-PLA)

Time: 2 hours, 4 min, 18 sec
Filament: 12.2 g / 3.85 m
Estimated Price: 0.36

Start Slicing Export to Local Disk Close Preview

SP1_hor_stabi1_R.gcode

Layers: 724 / 115.880 mm

Steps: 228

Only Current Layer Show Retraction No Travel Move

Structure

- Infill
- Solid Fill
- Ironing
- Bridge
- Inner Shell
- Outer Shell
- Support
- Dense Support
- Skirt/Brim
- Raft
- Wipe Wall
- Wipe Tower
- Travel
- Retraction

horizontal stabilizer2 R (LW-PLA)

Time: 0 hours, 57 min, 19 sec
Filament: 5.7 g / 1.81 m
Estimated Price: 0.17

Start Slicing Export to Local Disk Close Preview

SP1_hor_stabi2_R.gcode

Layers: 288 / 46.120 mm

Steps: 211

Only Current Layer Show Retraction No Travel Move

Structure

- Infill
- Solid Fill
- Ironing
- Bridge
- Inner Shell
- Outer Shell
- Support
- Dense Support
- Skirt/Brim
- Raft
- Wipe Wall
- Wipe Tower
- Travel
- Retraction





SP1

print parts

elevator L+R

Time: 1 hours, 58 min, 59 sec
Filament: 13.4 g / 4.23 m
Estimated Price: 0.40

Start Slicing Export to Local Disk Close Preview

Structure

- Infill
- Solid Fill
- Ironing
- Bridge
- Inner Shell
- Outer Shell
- Support
- Dense Support
- Skirt/Brim
- Raft
- Wipe Wall
- Wipe Tower
- Travel
- Retraction

SP1_elevator_L.gcode

Layers: 867 / 138.760 mm

Steps: 291

Only Current Layer Show Retraction No Travel Move

fuselage Servo mount DSM44

Time: 0 hours, 41 min, 25 sec
Filament: 2.9 g / 0.91 m
Estimated Price: 0.09

Upload to Printer Close Preview

Structure

- Infill
- Solid Fill
- Ironing
- Bridge
- Inner Shell
- Outer Shell
- Support
- Dense Support
- Skirt/Brim
- Raft
- Wipe Wall
- Wipe Tower
- Travel
- Retraction

fuselage Servo mount DSM44

Layers: 100 / 100.000 mm

Steps: 100

Only Current Layer Show Retraction No Travel Move

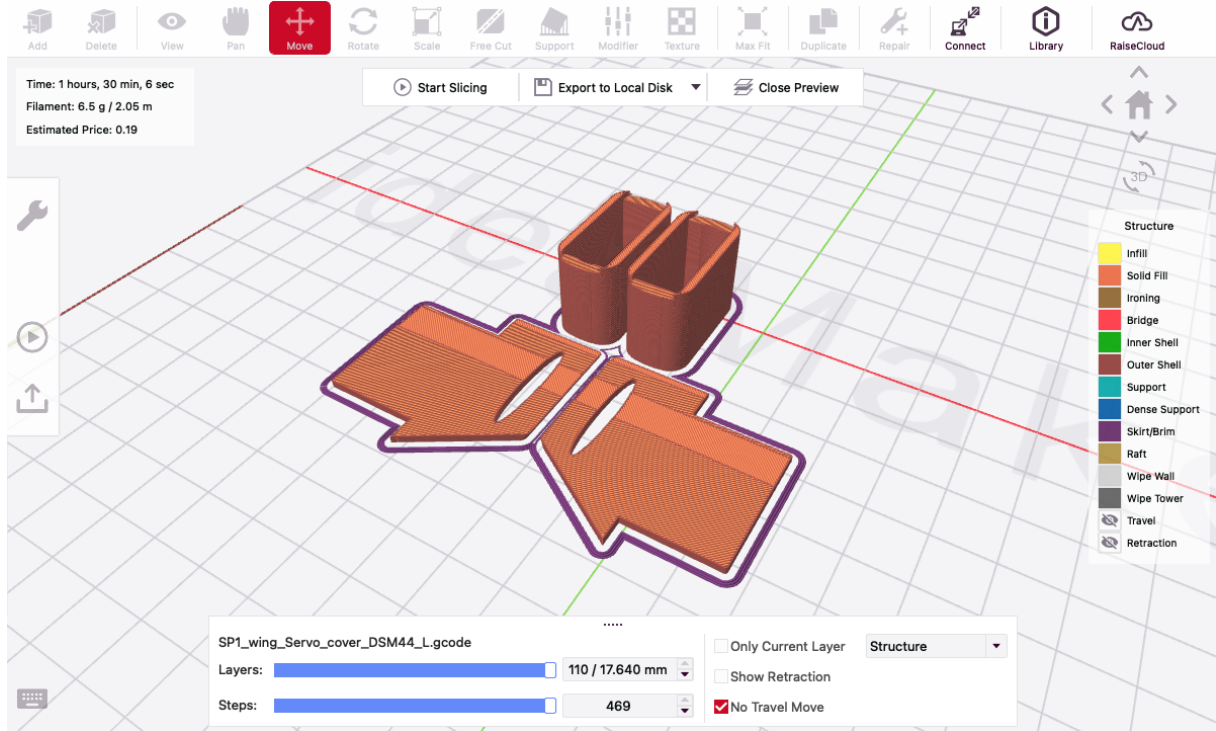




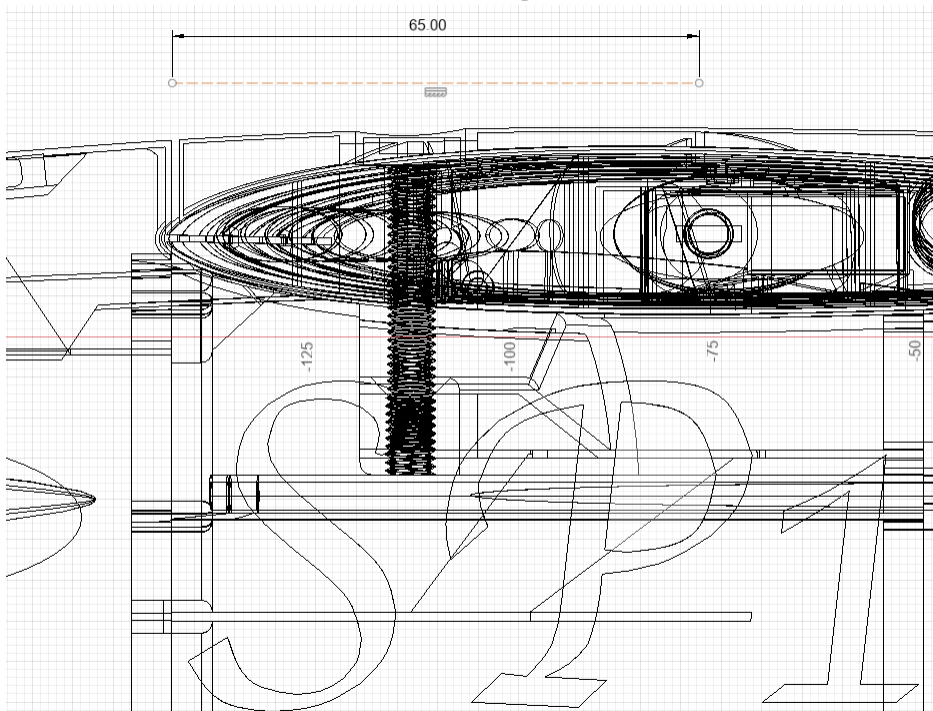
SP1

print parts

wing Servo cover+mount DSM44 L+R



Center of gravity





SP1

print parts

blue = LW-PLA

green = PLA

red = carbon

