

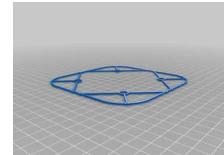
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## Crazyflie 2.1 cage / prop guard

⋮



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&gt;

A **ahb**  
@ahb\_165837

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Lightweight prop guard / cage for Crazyflie 2.1 quadcopter intended to indoor flying. The entire assembly only weights...

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### Description

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Lightweight prop guard / cage for Crazyflie 2.1 quadcopter intended to indoor flying. The entire assembly only weights 3.4 g, is quick & easy to print, fits on stock Crazyflie 2.1 and assembly takes only a few minutes, no glue required. Crazyflie decks, e.g. lighthouse positioning system and flow deck, are compatible with this cage.

Please note that the primary purpose is to keep the props from touching walls and other objects during indoor flight. The shape should allow 'gliding' along obstacles instead of crashing. It does

prevents some damage to the quadcopter in case of harder crashes, but don't expect too much in this regard.

You need to print:

- 1x bottom
- 1x top
- 12x pin (can be printed in one go)

All parts:

- 0.4 mm nozzle
- PETG (at least that is what I used)
- 100% infill

Top and Bottom parts:



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Pins:

- 0.10 mm layer height
- Sequential printing of individual objects (PrusaSlicer: Print Settings -> Output options -> Sequential printing -> Complete individual objects)

## Print Settings

**Printer Brand:**

Prusa

**Printer:**

I3 MK3S

**Rafts:**

No

**Supports:**

No

**Resolution:**

100

**Infill:**

100

**Filament:**

Pursament PETG

Category: Robotics

## Tags

quadcopter   drone   thingiverse   propguard   crazyflie

## Model origin

The author marked this model as their own original creation. Imported from Thingiverse.

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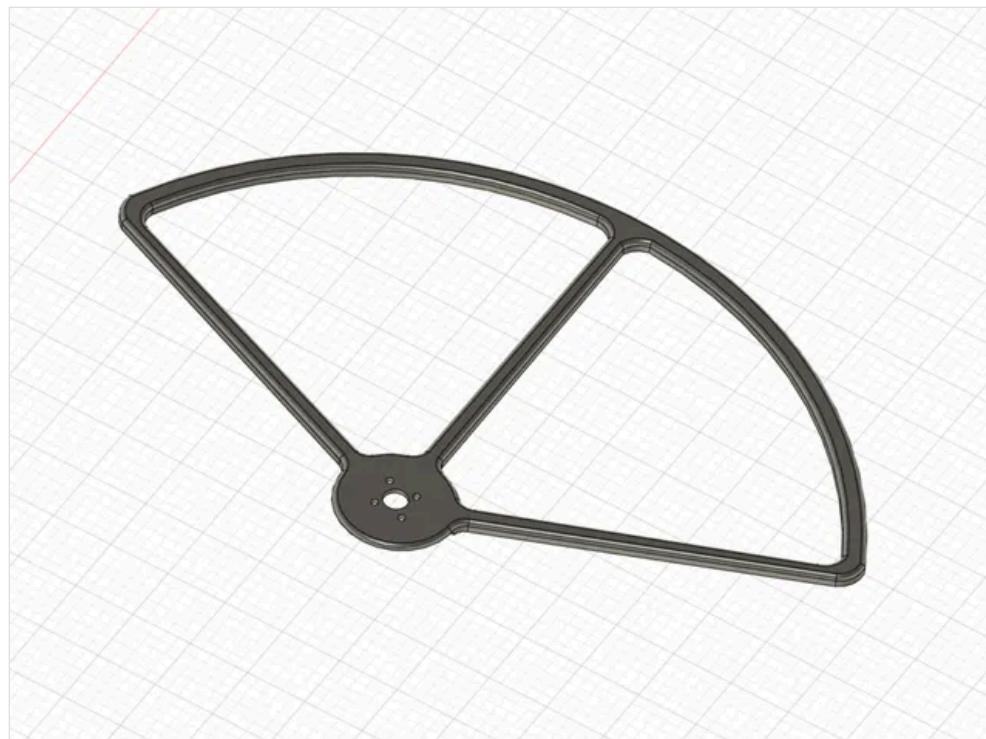
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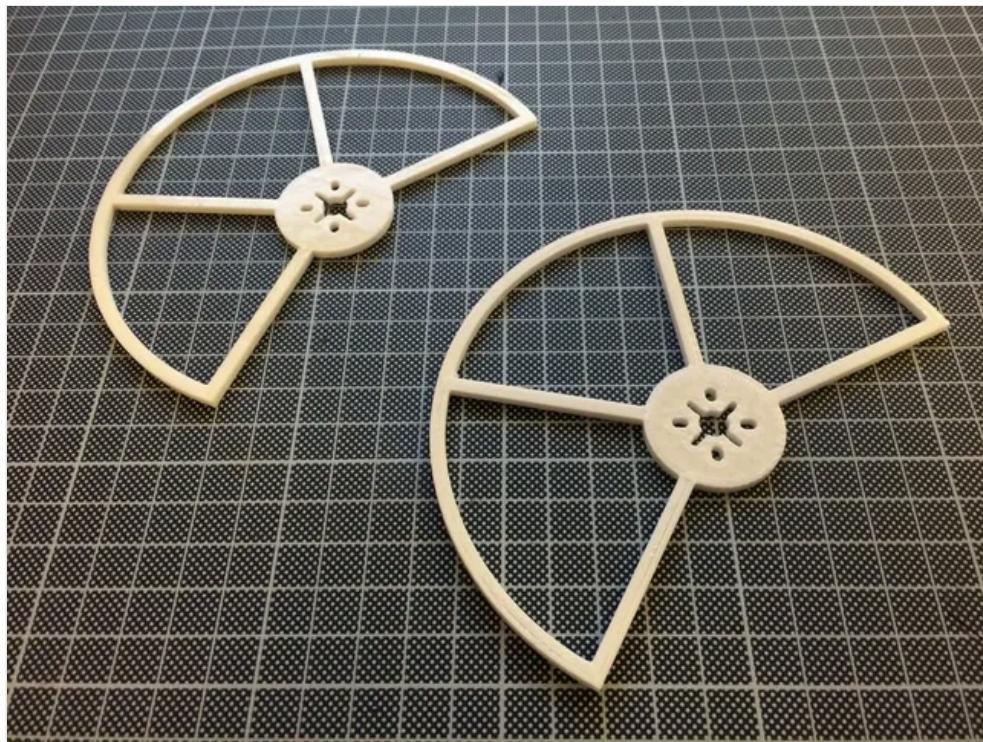
Prop Guard

4

0

100

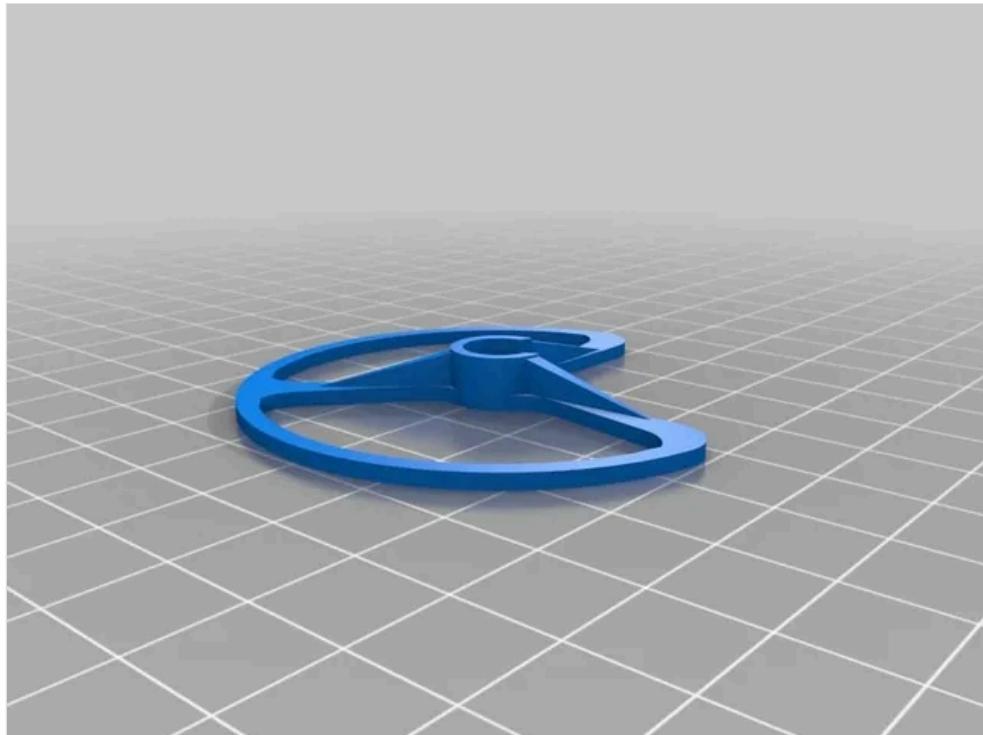


**Prop Guard**

5

0

22

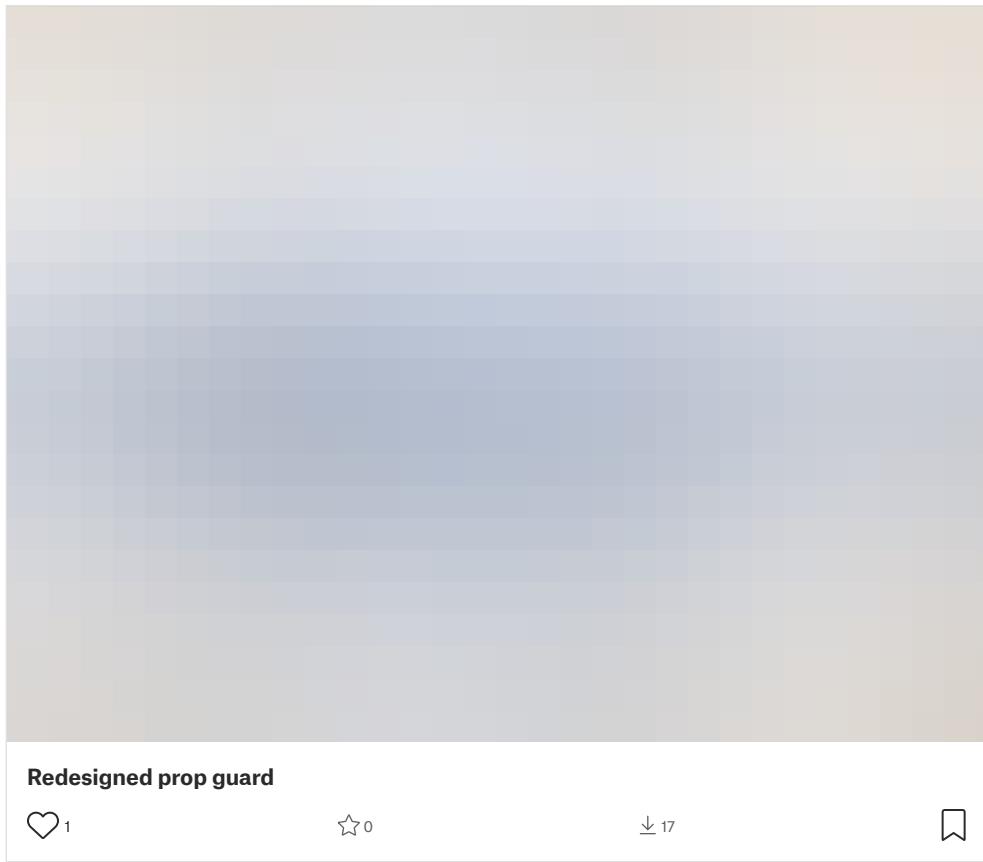
**Prop Guard 8520**

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**Redesigned prop guard**

1

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