



YOUMAGINE

# Cessna 206 Ceiling tethered airplane toy

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Located at: <http://www.youmagine.com/designs/cessna-206-ceiling-tethered-airplane-toy>

Short description:

flying tethered airplane toy

Description:

This modeled Cessna 206 is to replicate an old toy that i couldn't find new for my little Julie. It turned out to be a fun project, i used existing model from Onshape and made necessary conversion for 3d printing using #Fusion360 and #PrusaSlic3r . Machine used is #AnyCubic I3 mega S #Esun PLA filaments which turned out to be great combination. It's powered by a salvaged geared 815 coreless motor from a cheap drone, i'll leave a similar one in links below. 500mah battery is enough for 2 mins flight and charges using a 18650 micro board. tiny power switch is used and can be visible in the right door handle. i only added few STL files in preview, remaining in RAR file for better part organization Video for the airplane in action:

<https://youtu.be/uz4gxRf9N9w> please like and subscribe for more content. <https://www.thingiverse.com/thing:4843788> Motor:

[https://www.aliexpress.com/item/1005001291617390.html?spm=a2g0o.productlist.0.0.68775b76pKdpU1&algo\\_pvid=c9dfa9c8-f113-4472-a4ee-28688062ec70&algo\\_expid=c9dfa9c8-f113-4472-a4ee-28688062ec70-0&bitsid=0b0a01f816197036722368479ed1f0&ws\\_ab\\_test=searchweb0\\_0,searchweb201602\\_searchweb201603\\_](https://www.aliexpress.com/item/1005001291617390.html?spm=a2g0o.productlist.0.0.68775b76pKdpU1&algo_pvid=c9dfa9c8-f113-4472-a4ee-28688062ec70&algo_expid=c9dfa9c8-f113-4472-a4ee-28688062ec70-0&bitsid=0b0a01f816197036722368479ed1f0&ws_ab_test=searchweb0_0,searchweb201602_searchweb201603_)

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