



Adjustable Airplane Phone Holder

 **SquidgyPlastic**

VIEW IN BROWSER

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Summary

Openscad design for an airplane phone holder.

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[openscad](#) [phonestand](#) [holder](#)

I do a reasonable amount of flying for work and it has always been a pain holding or propping up my phone so I can watch movies. I tried some low-tech methods over the years but this design is my current solution.

I got inspiration for this from the following design <https://www.thingiverse.com/thing:3129751> but after trying it a few times I wanted something more adjustable.

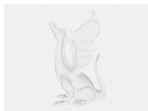
I designed a similar way of attaching the holder to the seat and gripping the phone but with adjustability in mind. The only extra hardware is an M3 nut and bolt (30mm long) for the adjustment knob.

I have used this now for a good few flights and can report it works well. The adjustable angle works well especially when the seat in front is reclined as well as the adjustable tray grip.

Printed with a 0.2mm layer height in shocking Prusa orange PETG so I can see it when it ends up on the floor.

The OpenSCAD file should be adjustable should this not meet your needs but I have not tested other dimensions. Some supports are required but I have built that into the script.

Model files



plane_phone_holder.scad



plane_phone_holder.stl



upper_holder.stl



mount.stl



retainer_bracket.stl



knob.stl



lower_holder.stl

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