



Airplane & Travel Phone Holder



Kunzite

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Summary

The ultimate compact foldable Airplane and Travel Phone Holder and Stand

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Check the new redesign: [Phone Holder V2](#) which features an even more compact design and no magnets required!
(It does have stricter tolerance than this version tho, so keep that in mind)

Description

This phone holder is perfect for holding your smartphone on flights and when you travel! It uses the folding tray edge to hold to, but it can be used on any surface as well.

It was designed to be as compact as possible to be carried in a bag without taking up too much space :)

As well as working on flights, this can also be used on a table or any edge where it can be hooked too!

Features

- Overengineered foldable mechanism to make the stand more compact and travel friendly
- 4 positions to orient the phone at different angles
- Magnet ready for satisfying mechanism snap
- Smartphone can be held horizontally or vertically

Model notes

[Optional] You can print this model with space for magnets (_x_ mm) which will make the mechanism snap in the standing position, which is useful when used as a table stand.

[Optional] You can put sticky soft pads where the phone sits to increase friction if your device is particularly slippery. You can also put soft pads in the hook to make it more stable when held on the airplane.

Print settings (suggestions)

Infill: 10% is enough with 3 perimeters

Thickness: 3 perimeters

Layer height: 0.2mm on a 0.4mm nozzle should work well for tolerances

Support: None

This design was inspired by the design from [Owen Saez](#) on Thingiverse. The model was completely redone from scratch, adding a folding mechanism to make it more compact.

This remix is based on



Plane phone holder

by sjsaes

Airplane
phone
holder

Airplane phone holder

by sjsaes

Model files



Standard (Reccomended)

2 files



airplanephoneholderv6withmagnets-bykunzite.stl

☐ Model with a space for 4 5x2mm magnets



airplanephoneholderv6nomagnets-bykunzite.stl

☐ Standard model that do NOT support magnets



High tolerance (Only if you have issues with the Standard) 2 files



airplanephoneholder-high_tolerance-v6withmagnets-by... .stl

☐ Model with a space for 4 5x2mm magnets



airplanephoneholder-high_tolerance-v6withoutmagnets... .stl

☐ Standard model that do NOT support magnets



Archive (Previous versions)

2 files



airplanephoneholderv5standard-bykunzite.stl

☐ Standard model that do NOT support magnets



airplanephoneholderv5withmagnets-bykunzite.stl

☐ Model with a space for 4 5x2mm magnets

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