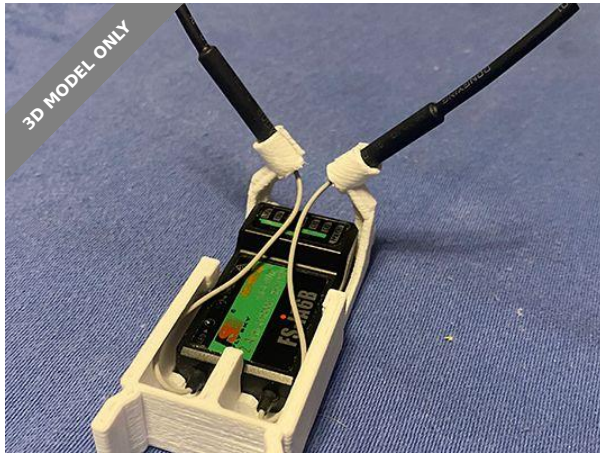




FS-ia6b receiver carrier Alioth IOM sailboat



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Summary

This is a carrier for the FlySky FS-ia6b receiver. It is designed for a sailboat, but may work for other projects as...

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This is a carrier for the FlySky FS-ia6b receiver. It is designed for a sailboat, but may work for other projects as well.

It is designed to position the antenna in the most favorable way (at 90o to each other and at the top of the hatch) and serve as an easily removable tray that fits into the radio box for the Alioth IOM Sailboat.

It is ready to print and needs no supports. I printed mine with a 0.80mm nozzle and 0.25mm layer height. It is designed for this large nozzle and prints well. I also printed one with a 0.40mm nozzle and 0.20mm layers. The antenna arms are stronger with the bigger nozzle and taller layers, but it is not a huge deal if you don't have one.

The walls are thin and the tray is designed to be light, so If you use enough walls, tops, and bottom layers it should make a solid print even at 0% infill.

The fit of the antenna may depend on how the shrink tubing is applied to the ends of the antenna. I trimmed my excess tubing to get a better fit in the hatch. Be careful to only trim the black tubing, not the antenna wire!

Insert the antenna end of the rx at an angle into the tray first, then it should push and click in. If you have to use much force than a gentle push, then do some trimming and filing.

You may need to pass a drill bit down the antenna holder holes to clean them up as well. this area of the print is practically a retraction stringing test, so gear all your print settings toward making this area look good and the rest of the print will fall into place.

This print is not forgiving of bad printer tuning. You may want to print at a slower speed than normal, especially at the antenna holders, to get the best detail.

<https://www.rcgroups.com/forums/showthread.php?4112127-Alioth-3d-printed-IOM-sailboat>

Category: R/C Vehicles

Model files

fsia6b.stl

[Find source .stl files on Thingiverse.com](#)

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