



MONOPOD RUGER PRECISION RIMFIRE

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[VIEW IN BROWSER](#)

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Summary

MonoPod for Ruger Precision Rimfire rifle

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Tags: [precision](#) [ruger](#) [rimfire](#) [rpr22](#)

THIS IS WORK IN PROGRESS...FYI

I made a quick detachable monopod for the picatinny rail on the RPR Stock.

I Frankenstein'ed everything from bits and pieces from various sources and some of my own add on's.

In short it is designed to slide onto the pic rail, twist to tighten in place and un-twist to remove.

There are 3 sizes (Rods) 76mm, 86mm and a 96mm.

The adjustment foot has about 10mm of adjustment +/-

This was made based off of an average on the specific Bi-Pod I own, your averages may vary.

I am not done with this nor have I completely printed all components however I have test printed the picatinny attachment and the base foot for thread tests fittings.

BTW you may need to hand fit the beginning of the threads to get them to mesh properly with the mating part. I have made some slight modifications that should help reduce this but be aware you may still need to file or Dremel some light stock. Once I did so the threads fit well and are

easy to manipulate.

I feel this will work on higher calibers of the Ruger Precision series rifles however I designed it for the 22LR version since there is very little if any recoil. KEEP THAT IN MIND if you decide to use it on a much higher caliber rifle.

3-22-22 Note: I forgot to mention that if you choose to use the Ball Foot Option you will need to use your favorite glue to attach it to the bottom of the adjustment foot. This adds about 10mm to the total length

3-23-22 Note: Added a few more pics of completed/printed parts. Again I had to manipulate some leading edge stock from the male threads, when I get more time I will edit them to avoid having to do this as much as possible. I did not create the threads so do not shoot the messenger :)

10 to 15% infill

3 perimeters for overall strength

2 mil layer height max (1.5 preferred)

Speed on you

No Supports needed if placed on bed as shown in pics

Model files



pic-mount.stl



ball-foot-option.stl



tension-knob.stl



adjustment-foot.stl



96mm-rod.stl



86mm-rod.stl



76mm-rod.stl

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