Sling Hook

Scout339

VIEW IN BROWSER

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Summary

A simple solution to rucking with a rifle; Attach to shoulder strap of backpack, allow weight to be distributed better.

Sports & Outdoor > Outdoor Sports

Tags: fpv   backpack   rifle   molle   backpacking   mollesystem   rucksack

Based off of the One Hundred Concepts Sling Hook, this is a simple solution to the common problem encountered when rucking with a rifle: The load lifters of the pack do not allow the rifle sling to distribute the weight across the wearer's back, ultimately placing the burden on the wearer's neck, causing fatigue and chaffing.

The Sling Hook attaches to the shoulder straps of the pack and allows the load to be distributed to the shoulders straps where weight is designed to be carried. One Sling Hook can be used with the rifle worn in the typical cross-body fashion, or two can be worn for even more comfort and symmetric loading of the body.

I have designed my versions to work with 20mm and 16mm Velcro battery straps that are commonly used for FPV drones,and are readily available and easy to find a 2-4 pack under $10 online. (RaceDayQuads, GetFPV, BlacksheepFPV, Amazon)

Fuzzy skin settings for hiding layer lines, making it less shiny, and spray paint sticking better if you choose to paint it:

[Best looking]
0.1mm layer height:
0.2mm thickness
6mm density
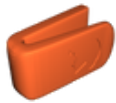
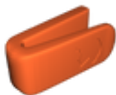[Best for 0.2mm layer height]
0.1mm thickness
10mm density

Here's the credit for the video that helped me pull some rough dimensions and how it's intended to be used: https://www.youtube.com/watch?v=f3NT-Klnj_8

Link to original product: https://onehundredconcepts.com/products/slinghook

Model files

sling-hook-20mm-strap.stl

sling-hook-16mm-strap.stl

sling-hook.blend

☐ Yes, I design stuff in Blender. I know, I need to switch to a real CAD program lol.

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