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Minimal Face Shield for Letter Sized Plastic w/ CAD Files

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Located at: <http://www.youmagine.com/designs/minimal-face-shield-for-letter-sized-plastic-w-cad-files>

Short description:

Design Inspired by Prusa RC1 and Mojo Speedprint Remix

Description:

This is designed to be a speed print variant similar to Mojo's Speedprint remix of the Prusa RC2 but with a shield fit closer to RC1. The main reason I modeled my own from scratch was to create a CAD file that others can readily modify to meet their needs. The CAD model was made to facilitate easy modification and tweaking of dimensions. At the moment, it is optimized for Letter-sized plastic with 7mm holes space 4.25" apart, the de facto standard in USA and Canada. The CAD model utilizes variables and equations to aid tweaking dimensions as needed. For example, by changing the VisorHoleCount variable, one can automatically change the model to accommodate 4 holes instead of 3. Onshape Link:

<https://cad.onshape.com/documents/722fe9837fa7bfa5a8175918/w/04436f535a7eee28ff464af8/e/c4523759db56d823dac8b69e>

If you can, please use the online documentation found at <http://www.youmagine.com/designs/minimal-face-shield-for-letter-sized-plastic-w-cad-files> because those may have been updated. Also, there you can interact and provide praise and/or feedback.