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Jun 20, 2019



#78

roydor



Attached are STL files for printing ballast holders for F5J ballast.  
I use them in my Ultima 2 with a screw modified to allow me to attach the ballast without a screwdriver.  
the ballast itself is basically brass rods of different diameters so they provide me different weights.  
I glue the rods into the mounts and reinforce the heaviest ones with light glass around the mount to avoid them splitting during hard landings.

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## Files

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ballast mounts.zip (171.8 KB) 37 views

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#80

 roydor

The ballast rods are 7,10,12,13 mm in diameter. Obviously other diameters can be used.

The length of the rods depends on the mounting position and your CG, I made mine long enough so that the rods CG is at about the same position of the empty model's CG., in my case it's about 450 mm so my rods end up weighing 150,300,430,510 grams for the diameters I have.

The screw is modified by printing a "ring" with "ears". The screw is placed in the ring and CA'd into it. The "ears" allow to twist the screw by hand.

Hope this clears things up a bit.

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