

From: Paul Schultz [mailto:pauls@schultzequipment.com]
Sent: Friday, May 06, 2011 14:56
To: Stephen Skauge; Mike Bray
Subject: CSV19 Antenna Launcher

Steve,

FYI, I built two of these PVC, air powered antenna launchers: <http://www.antennalaunchers.com/csv19/index.html> I'll have one of them at field day.

The trickiest part of building this is drilling the holes in the ends of the two end caps. The instructions recommend using a lathe but I don't have access to one but I do have a shop full of woodworking tools so I built me a jig. I use the jig with my hand held router with a pattern following bit to cut the holes and it works great. Most of the antenna launcher building time is cutting, sanding and gluing PVC. The instructions are very detailed and should be studied before beginning assembly. Sanding both of the mating PVC surfaces before gluing is important for strength.

The thing works great as detailed on the [eham.net](http://www.eham.net) reviews (link from above). I'd be happy to loan my jig to any ham (it's not a kids toy) that wants to build one of these.

So Steve if you want to make a note of it in the newsletter and Mike if you want to make a note of it on the website feel free.

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Sincerely,

Paul Schultz
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