

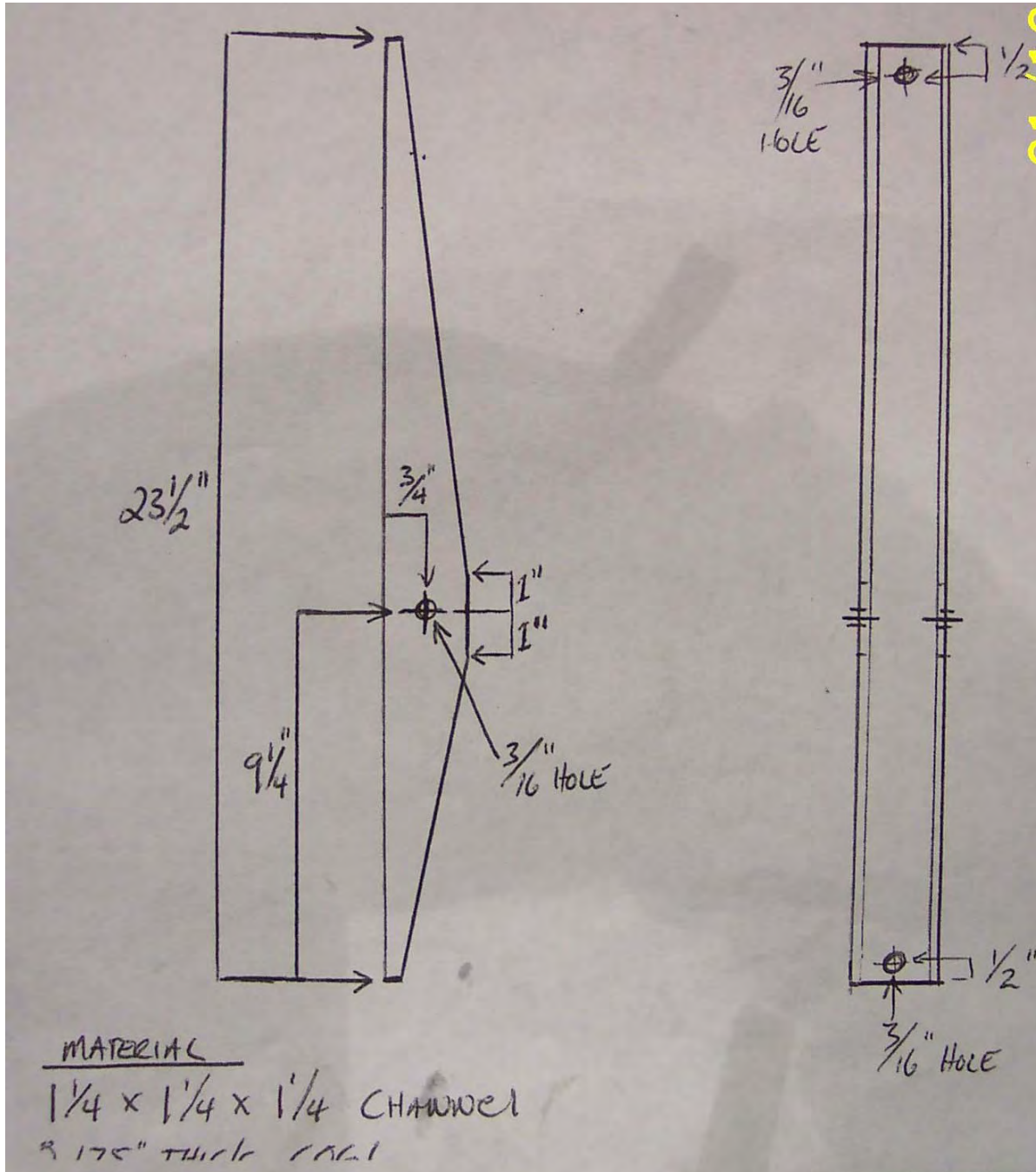


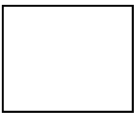
Flute support fabrication

Required Items: 1 1/4" aluminum channel, AN3 Hardware, AN4 hardware, files, deburring tool, Rotozip or band saw, 3/16" drill bit, drill.

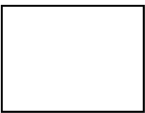
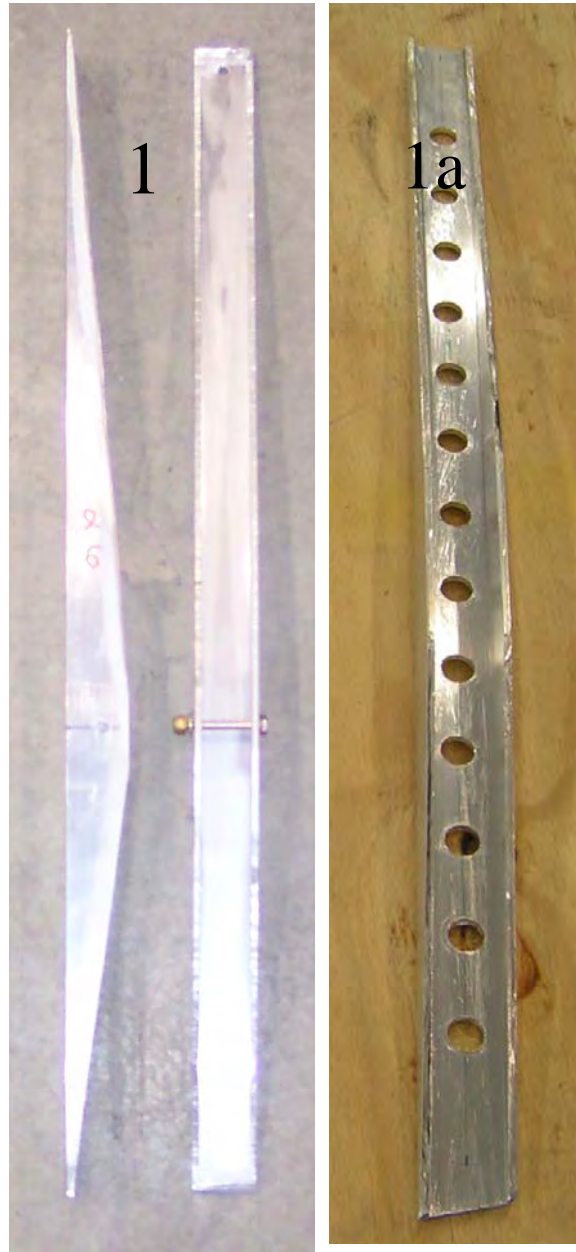


1. Fabricate 2 supports that match the drawing below.
2. The overall length dimension may vary by 1/8"-3/16" depending on installation.





3. When finished, your supports should look like the parts in picture 1.
4. If you desire, lightning holes may be put into the part as in picture 1a.



5. Before installing the supports mark a right and a left so that if the holes are slightly the parts will be match drilled to where they go.
6. The pivot hole for the flute tube is in the bottom half of the support for orientation.

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- 7. Before match drilling the holes for the support the engine mount must have been fitted to the airframe first to determine the support location.
- 8. The support must be square to the airframe vertical axis, if it must be tilted slightly to clear the engine mount back plates, no more than an 1/8" of misalignment allowed.
- 9. As in the following picture (the airframe is inverted on saw horses) the support should fit inside of the lower engine mount attach point and out side of the upper engine mount attach point.
- 10. Match drill the holes in the supports thru the firewall flanges to 3/16".
- 11. Remove supports and set aside until the firewall is to be installed for the final time, the mounting bolts go thru the stainless firewall as with all other parts mounted to the flange.

