
Subject: Re: MDO - Instead of Plywood

Posted by [iplayforme](#) on Sun, 15 May 2022 18:59:32 GMT

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You're right Rusty. You should see what's involved in that wing. Someday I have to get started. I'm sure RVsixxer can tell you, you have to do a little something each day and eat the elephant one bite at a time. Not saying I know this from experience but that's the advice on kit planes and I guess anything else that big. The guy that designed the Legal Eagle, Leonard Milholland is 98 now. the EAA did some interviews with him a while back. Such a great example of that generation. He pretty much rolled his sleeves up and set out to design an ultralight legal aircraft and surprised a lot of people. It may not look too impressive, but for what it is, it's quite strong and has no bad habits. Many compare it to a Piper cub in the way it flies.

I bought a True Trac saw setup which looks pretty handy and they refunded my money for that crappy plywood. I have 3 sheets of that Medex on the way for \$80 each delivered. I'm going to use a two part glue called Unibond. It's the same as Weldwood Plastic Resin just a liquid not powder. Totally un-necessary, but in testing various epoxies and glues for that Legal Eagle project I came to like that kind of glue. Pretty easy to mix and has a nice long open time. Dries like a rock and I believe is related to the adhesive that binds MDF together. I like epoxy too but I built 2 small boats years ago and got just a little sensitized to it. I'll use it when need be but still avoid it. I can veneer with the Unibond I think too.

Will post pics. Going to make every effort to make Wayne proud. These will go to my nephew some day so I'll give some consideration to that.
