

Motor Mounting tips for Shockflyers

For motors that use standard Speed 400 hole spacing (Such as Apache APS20-xx, Hyperion Z22 series) you can use a ply plate glued to the front of the shockflyer as a mount.

First it pays to reinforce the area using a bit of scrap Depron with the edges beveled. This forms a Diamond giving more surface area to attach the mount and greatly improves stiffness.

Cut out a piece of 3mm light ply to suit the size of your Depron Diamond. (Can also use a piece of fibreglass board if you have it)

Note: You can use a fibreglass Speed 400 motor mount as a drilling template for the holes, makes it easier to line up.

You may wish to glue this to a piece of Depron backing before attaching to your model. This extra layer just provides a place for screws to recess into and may give an extra "Tear away" layer incase of mishaps.

Your motor can be directly mounted by screwing from the rear of the mount (Careful with screw lengths!) or by using the reverse mount cross piece if you have one. Obviously the direct method is the lightest but not easily accessible once installed.

Note: If you wish to use a standard prop saver on the Apache in the reversed orientation you may need to press the shaft out the other side a few mm. You can use a drill press as a press if you are careful.

Attach the mount to the model using UHU-por glue.

For tube mounted motors you could try glueing in a block of EPP foam into the front and then imbedding a suitable sized length of carbon or aluminum tube to slot the motor into.

If using a prop saver it is preferable to have the motor mounted ahead of the model as it provides a larger gap from the prop to the Depron, saving the model being chewed up if the prop bends backwards.

