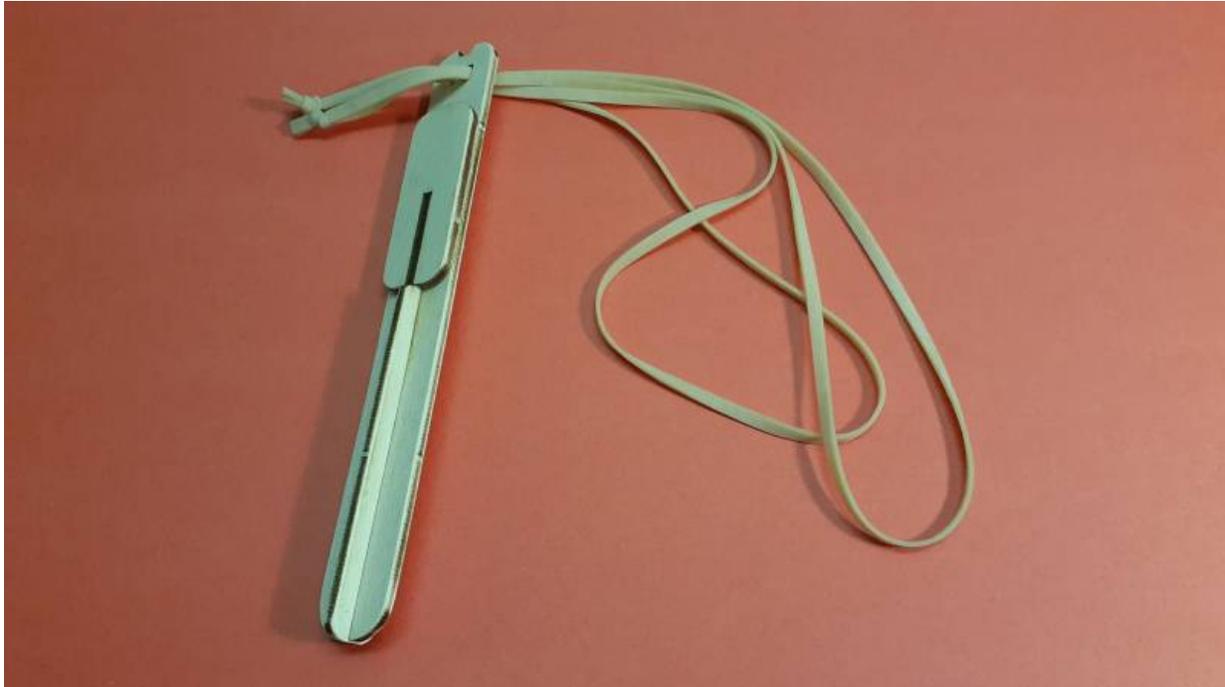


McALLISTER MODELS & DESIGN

The MMD Model Glider Catapult



**Catapult launched gliders are great fun!
This laser cut catapult handle complies with both AMA and FAC
specifications for catapult launched gliders of all types.**

If you have any questions please contact us at
mcallistermodels@gmail.com

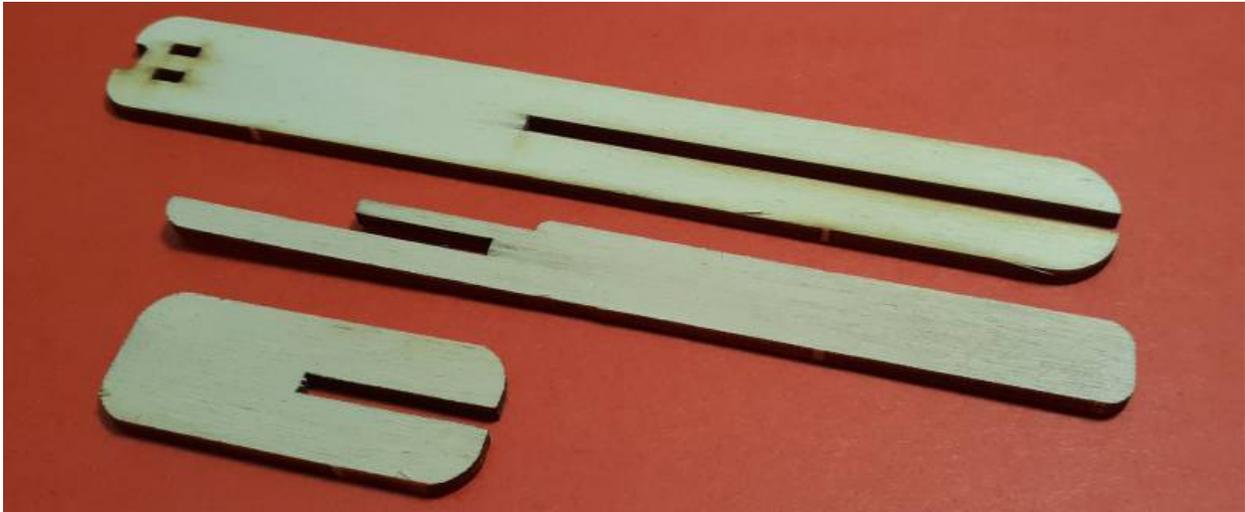
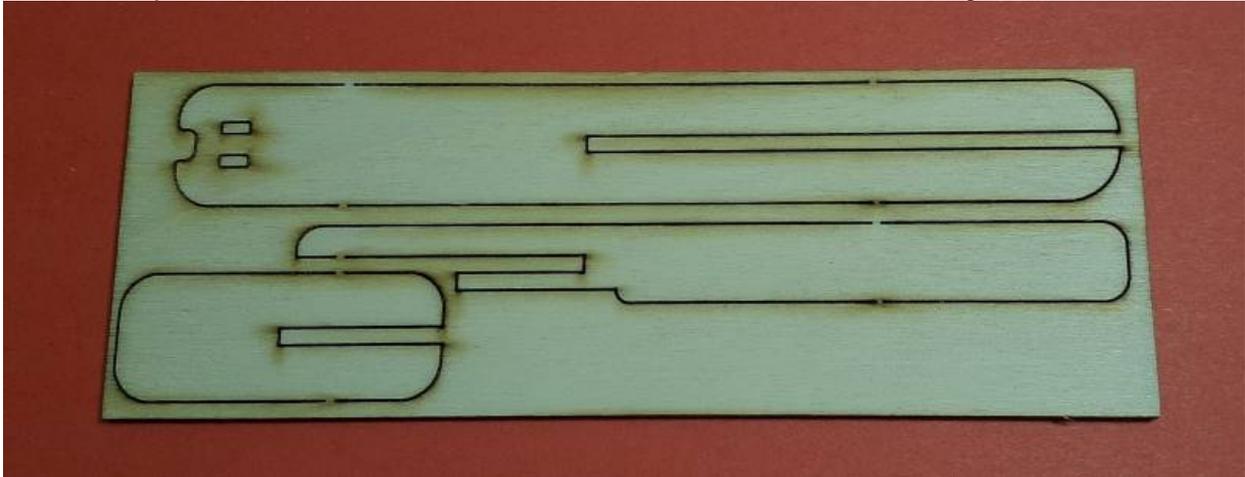
Building instructions

BEFORE YOU BEGIN

This catapult handle can be built using superglue or a waterproof wood glue like Titebond II. Some parts will require sanding. A useful tool is a two-sided nail file, or you can glue medium and fine sandpaper to each side of a straight stick. A sharp craft knife can be used to remove the laser cut parts from the sheets. Adult supervision is highly recommended when using sharp tools and superglue.

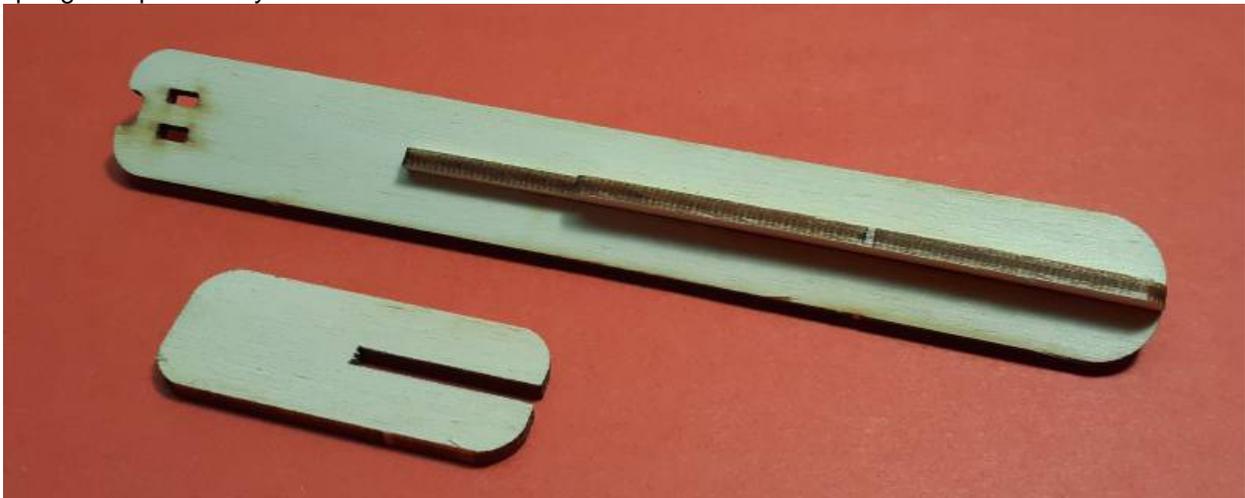
PREPARATION

Remove the parts from the laser cut sheets. Sand the small tabs off so that the edges are smooth.

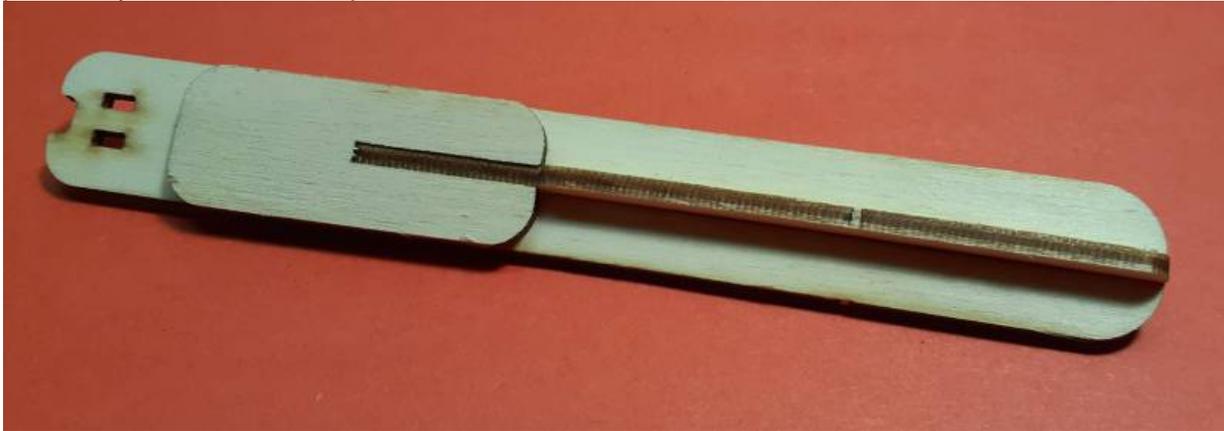


CONSTRUCTION

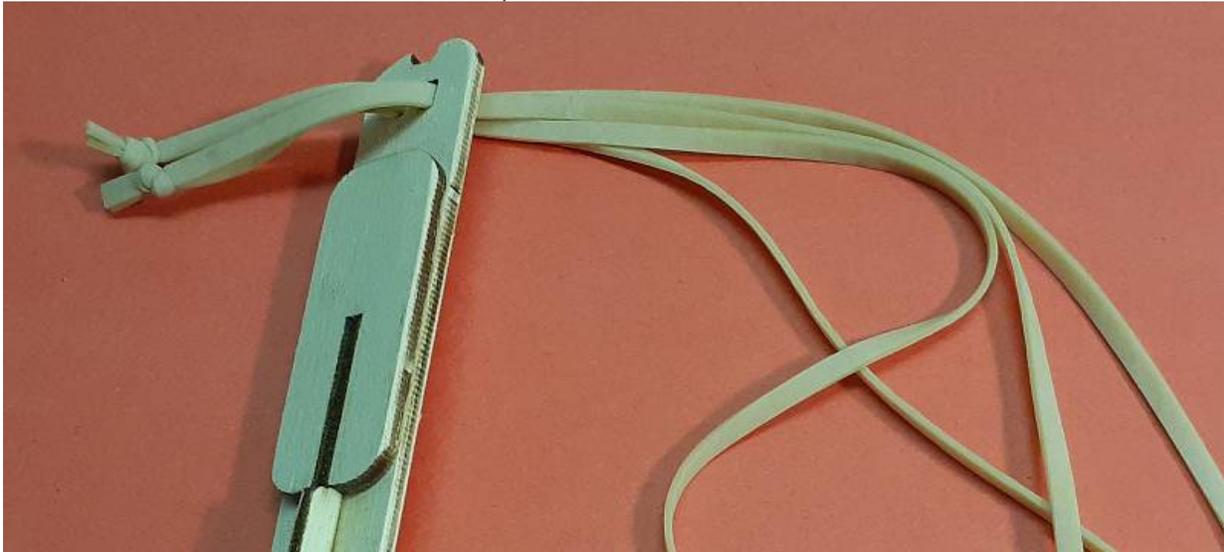
The two long parts slide together to form the main handle. Push them together and run superglue along the joining edges to bond them together. Or, apply wood glue, slide them together, and hold with a few spring clamps until dry.



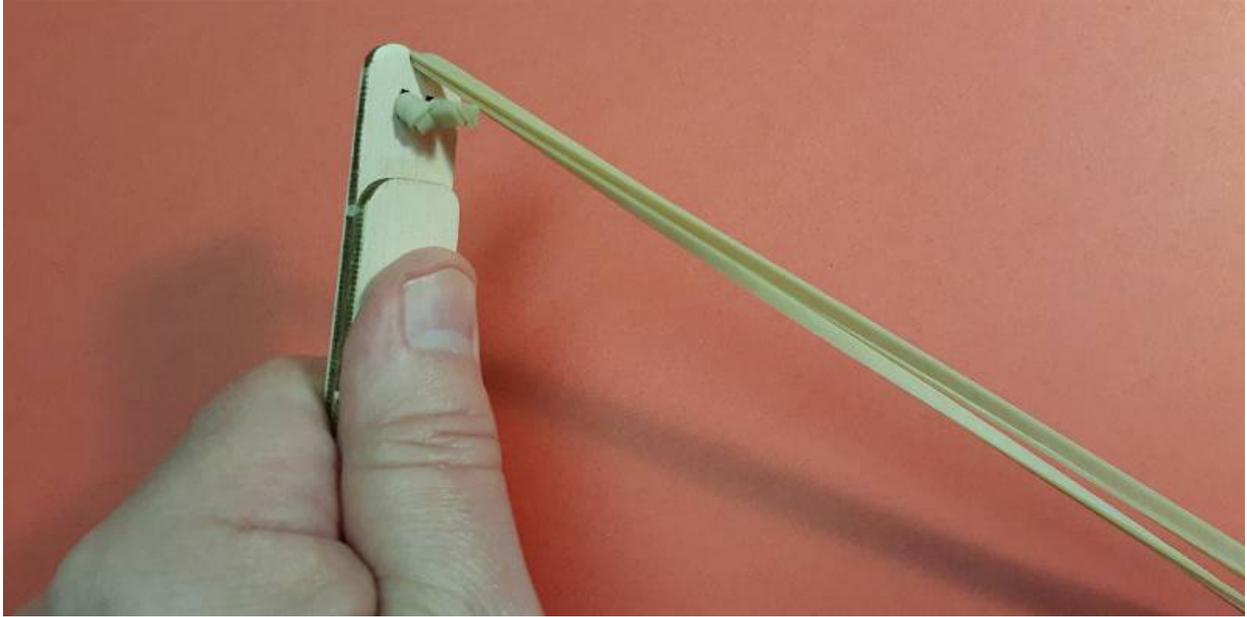
Next, the thumb pad is glued on. It fits on the side where the shorter part of the central brace is. The slot in the thumb pad will fit over the central brace. See below. Sand all of the corners to take the edges off -- particularly the notch in the top of the handle. The handle can be sealed, varnished, or used as is.



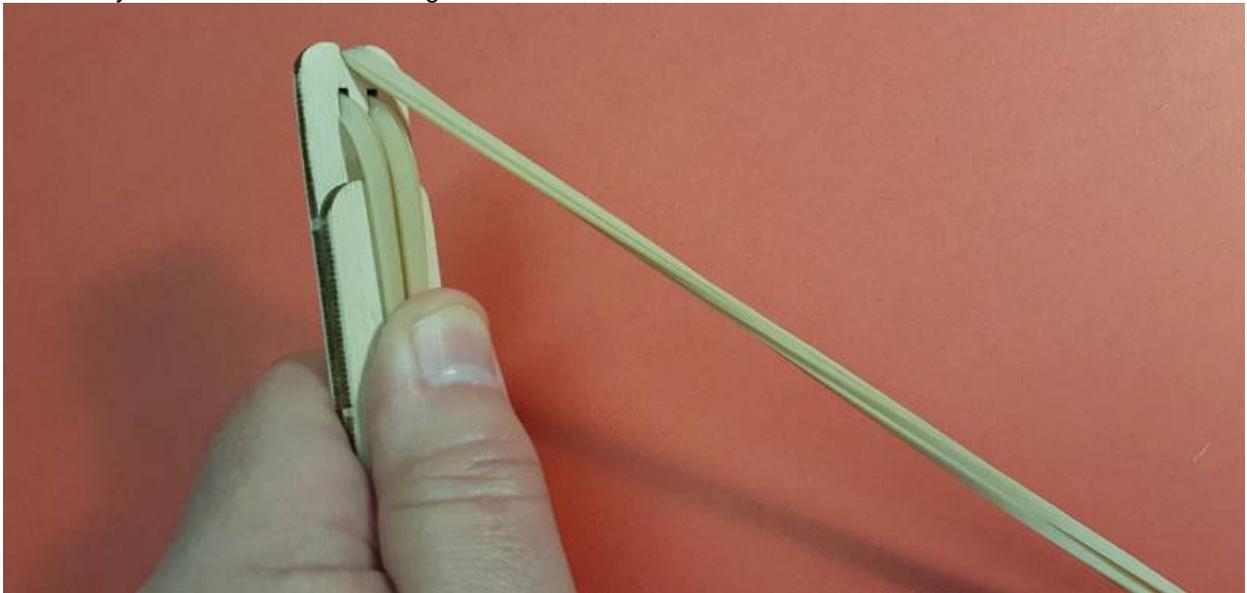
Take the two 19" loops of 1/8 tan rubber. Tie the two ends of each strip together to form two loops of not more than 9" (the maximum length allowed for catapult launch glider competitions). Pinch the end of a loop and feed it through one of the slots from the thumb pad side of the handle. Pull it all the way through to the knot. Do the same with the other loop.



To use the catapult, loop the rubber over the top of the handle, through the top notch, and hook onto the glider hook.



To shorten the loops for a stronger pull with less length. Simply pull the rubber knots down the handle and hold with your thumb when launching.



Warning: Never point a catapult model at, or near, anyone when launching. The glider will be going fast from the launch so be very careful!