

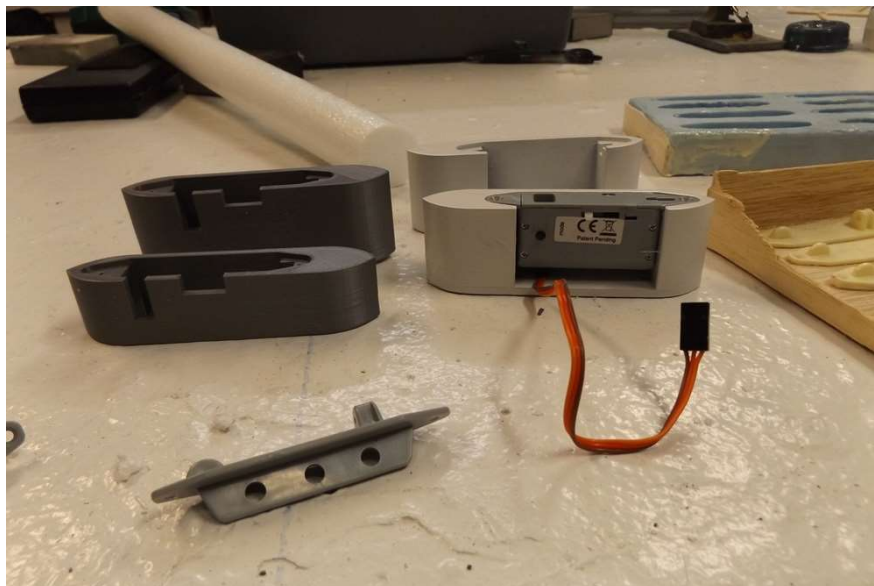
E-flite Servoless Payload Release Mount

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Looking to building a quick change instrument package release for our CZ T-28 (80" ws) I had Jim Lake 3D print a simple pylon that we could bolt on the wing that would contain the E-flite unit.

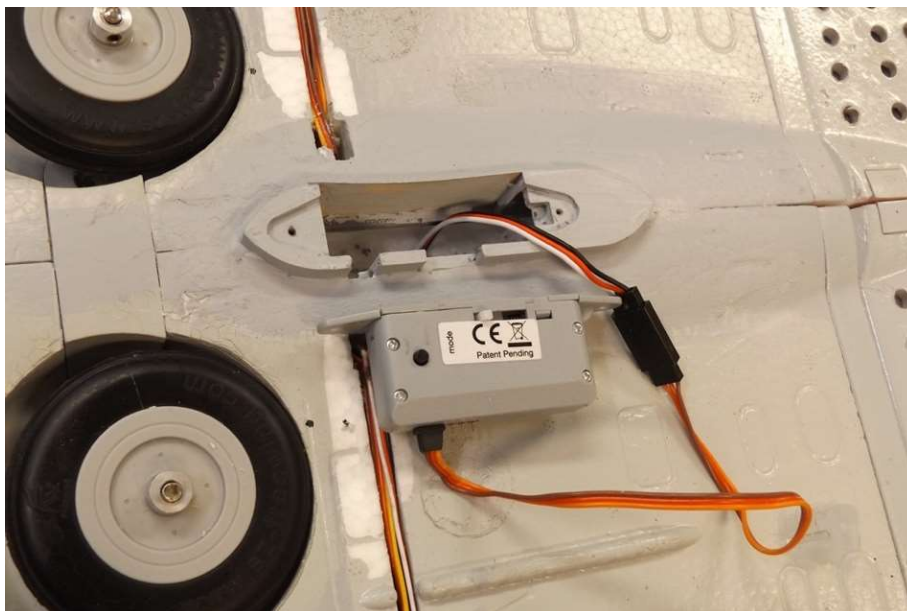


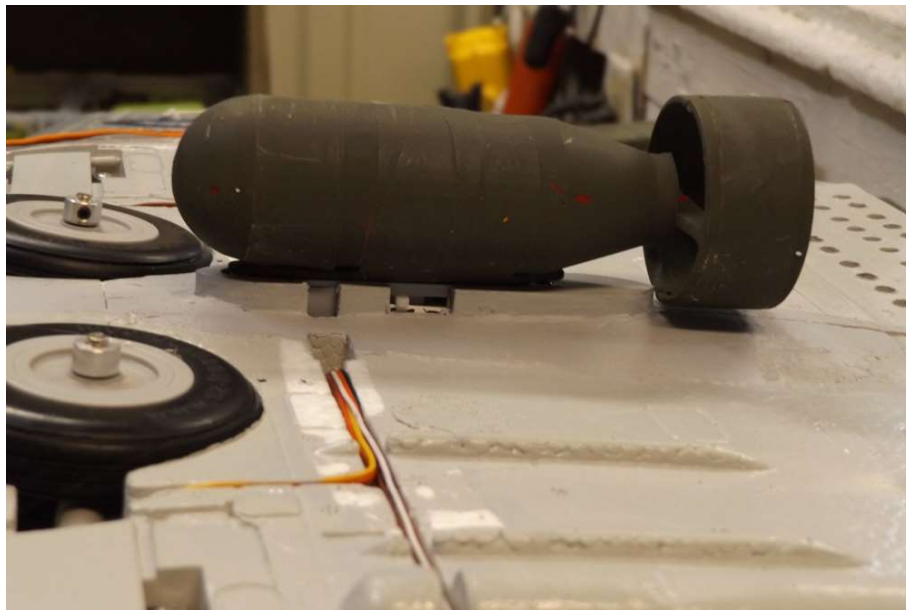
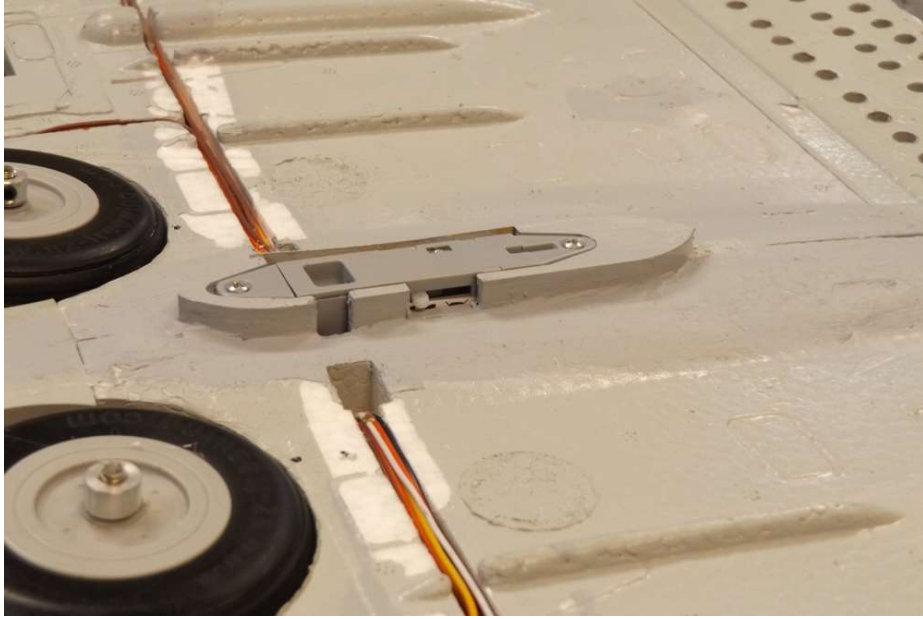
The first units printed had an open side so we could see how much space would be needed for the wire and connector. We got the size correct on the first attempt. I simply glued a piece of styrene over the open side, mission complete.





After we had them installed we realized maybe there were other modelers who would want them for other planes. I had Jim close up the side and print one slightly shorter that I recessed into the belly of an SBD-5 Dauntless (52"ws).





The mount is designed to make the E-flite unit easy to move from plane to plane. While not exactly scale to any particular plane simple balsa fairings could be added for scale realism. The unit is easy to install and can be programmed to sequence the release of several units. There is a button on the side that allows you to select four different time delays if you are dropping several bombs.



I made a RTV mold to produce multiple copies of the part that attaches to the bomb to the release. If anybody is interested Jim will print up the mounts for \$6.00. If anybody wants to print their own Jim will email them the G Code. Each release comes with one part that attaches to the bomb. I can make additional parts for .40 cents.



The e-flite unit is available from Horizon Hobby for \$28.00. Hopefully this simple unit will get more people participating in the bombing event at next year's warbird events.