

# Hanky Planky, Foamie Version - Kline-Fogelman airfoil

Never one to leave things lie, Ron Gray decided to have a go at a simple(r) to make variation on the wing of the Hanky Planky.

This is the Kfm-2 pattern. Other Kfm airfoils are available. This one is reported to deliver higher lift with a mild stall and is 'an excellent utility airfoil for a small to medium foamie'.

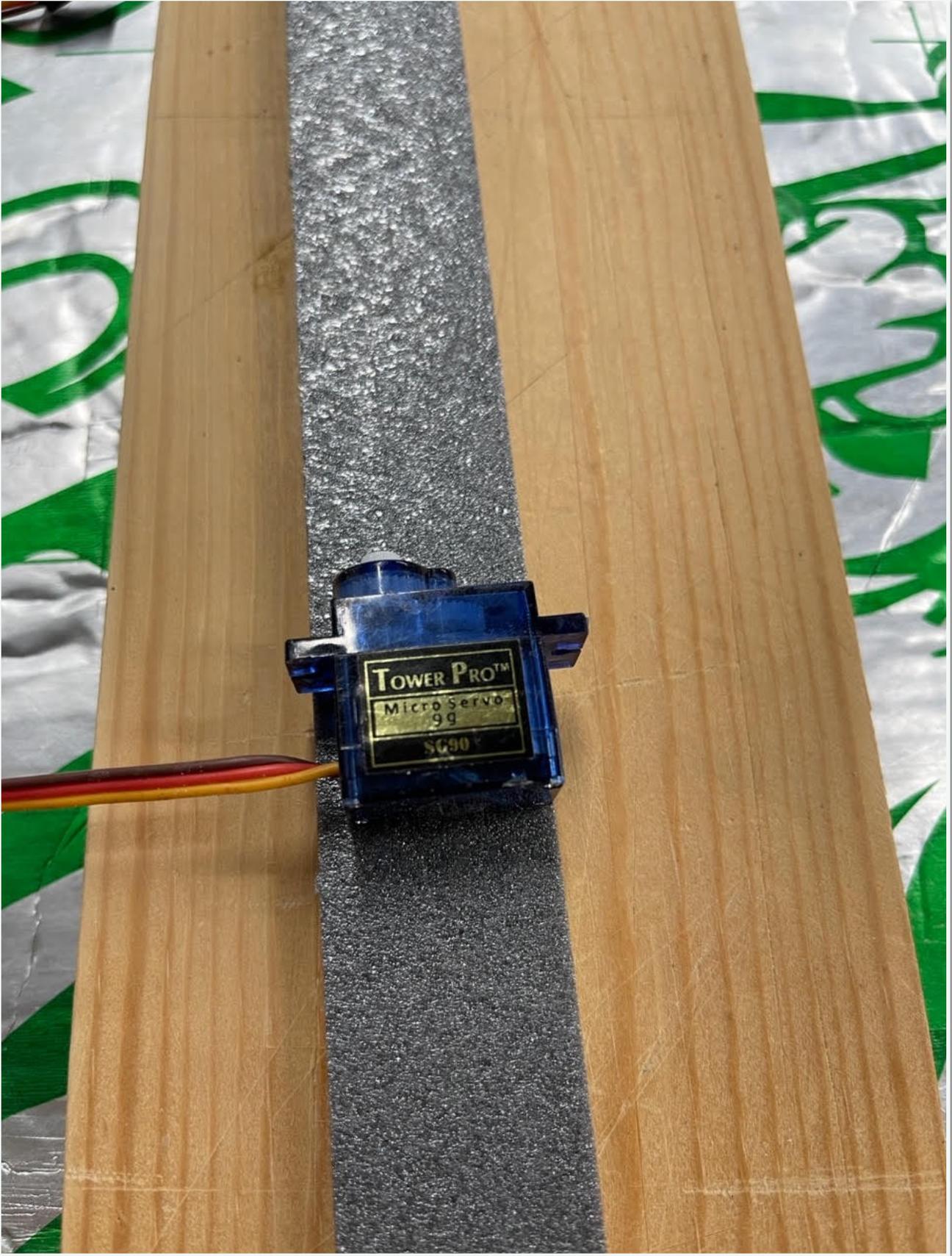
*Over to Ron:*

I had some spare Depron so thought I'd give it a go using my tin of UHU-POR. Very quick to build!

On the top of the wing, front piece on first.



Then I cut a thin strip of Depron, wide enough to house the servos as I don't want them proud of the surface (I'll cut the mounting lugs off before fitting them).



Spar and thin strip glued in place.



It's loosely based on the KfM-2 aerofoil which has the step at 50% chord. Not sure how that relates to a swept LE wing like the Hanky Planky so will be interesting to see how it performs.



## Performance of this KFM-2 wing in comparison with standard aerofoil

### Pluses

Easy to build with very little sanding required (just round the LE).  
In flight the model seems to be less twitchy and more planted in 'bank and yank' turns.  
Faster, therefore more height gained in climb over same time.

### Minuses

Sinks a lot more in the glide so recommend adding flaperons to give it more lift.