



Original design by Nick Chitty 2022.
Redrawn and produced by AngelWingDesigns 2023

DUNE FREAK

Inspired by the Windfreak from 1978



ANGELWING
DESIGNS

Please note that this plan sheet needs to be printed without scaling. For most modern windows based print drivers this means selecting **Scale, Custom, 100%**. This plan sheet can be printed on either A4 or 8.5" x 11" paper. The red dotted line is the cut line for a 25mm diameter spinner. We fly our electric Dune Freak with 6 degrees of down thrust and zero side thrust. As with all "plank" flying wings trim is for a given flying speed and CG placement. As such we still see a slight pitch up even with the down thrust as speed build up. You can use either a small amount of forward stick pressure or a throttle to down elevator mix of 5% which is what I have set on our demonstrator model.