

A recent issue of the “**Electric & Glider Flight Australia**” Newsletter featured an item by one of our members ‘Tony Meggs’. As I have already featured pictures of the model flying in the Gallery of the web site I thought you may be interested in some of the details of the model.

## **Bernard Gross Flying Wing** By Tony Meggs

Here’s my version of the Bernard Gross Flying Wing, from 1948 Air Trails. I happened across a photo of this (unnamed) model in an old magazine when I was looking around for a new project. Members of this forum quickly identified it for me.

I have scaled it down slightly, from 2.4m to 2.2m span. Wing area = 0.56m<sup>2</sup> and expected flying weight about 1.6kg, giving a wing loading of 2.9kg/m<sup>2</sup>. I have ditched the undercarriage, reduced the dihedral and increased elevon and rudder areas.

Currently waiting on a supply of dope so I can finish it off and paint it.

**Motor** is a Scorpion 3008-1220, driving a 9” x 6.5” folding prop through a neat articulated prop extension which I got from Peter Pine (Electric Flight in Australia).

45 amp ESC

I am expecting to use a 3300mAh 3S battery, but this may change depending on cg requirements.

First flight will be interesting!

The model is now finished and has been flown successfully, as depicted in the 2018 Gallery of the web site.

