



## Welcome to E-IMAC

Welcome to Electric IMAC or E-IMAC for short. E-IMAC is a category of scale aerobatics competition administered by the Australian Scale Aerobatics Association as the Model Aeronautical Association of Australian NSIG for Scale Aerobatics.

The aim of this category is to replicate IMAC competition (and full-size IAC aerobatic competition) with small and more affordable electric aircraft. We look forward to welcoming a new group of competitors who are keen to develop their aerobatic flying skills but who find the size or cost of large petrol powered IMAC competition aircraft prohibitive.

The limitations on the size of permissible aircraft for E-IMAC has also taken into account the requirements of likely host club fields. In particular, we are intend holding E-IMAC events at clubs with 400 foot ceilings, limited overfly areas or who are noise sensitive.

We expect most competitors will utilise aircraft in the 60 to 67 inch range. This is a common size aircraft with many suitable kits being manufactured by companies such as Extreme Flight, Pilot RC, Skywing etc. There are also readily available combinations of motor and speed controller to suit these models. The size of batteries will also be the readily available 6s (4000 to 5000mah).

The competitions will typically be conducted over a single day. Longer competitions may be held in future as the participation grows. But our primary aim is to create fun, engaging events that are easily accessible for new IMAC flyers.

The competition will be conducted in accordance with the standard IMAC rule book with the following differences:

### Basic Class

- Any electric propellor model (No EDF jets etc)
- Any size model, any battery capacity.

### Sportsman Class and Above

- Scale aerobatic model (ie compliant with usual IMAC rules)
  - Instrument panel and pilot not required
  - 6 cell battery limit (no capacity limit)\*
- Maximum wingspan of 74 inches (for monoplanes) and 65 inches (for biplanes)\*

Only single sequences will be flown.

\*Until the end of 2025, a CD shall have discretion to accept pilots flying models of up to 12s and/or 78 inch wingspan provided it is appropriate for the competition venue (ie appropriate height limits etc).

Competitors are expected to compete in the same class as they do in standard IMAC. Promo points earned in E-IMAC competition may (at the discretion of the ASAA Committee) be taken into account in determining promotions between classes in standard IMAC. For new competitors the class flown will be at the CDs discretion based on pilot experience and competency.