3 Metre F5J Model:
Version March 7 2022

Preamble:
This category of glider addresses

a) A glider that is substantially cheaper than fully moulded gliders
b) A glider which one can build from plans or kit parts
c) Performance greater than eRES, but not as good as fully moulded glider
d) The possibility of more control functions than eRES
e) An entry level of gliders to encourage pilots to participate in F5J competition
f) A glider with simplified controls, allowing the pilot to focus on flight rather than adjusting the transmitter controls
g) A category where gliders with ailerons and without ailerons can compete equally
h) A category to limit the costs of the power train

This category is not intended to be a **stand alone** category. Pilots will fly in F5J competitions shoulder to shoulder with pilots of moulded gliders.
Pilots flying 3 metre F5J models will be entered as a separate class, and the winner on the day will be the highest placed 3 metre F5J pilot in the overall results.

Rules:
The F5J rules for models applies to this class, save that the following additional restrictions are imposed. Non compliance with any item will classify the airplane as "open" F5J class.
Projected wingspan is 3 metres or less
Model's wing must be predominately wood construction. The following methods are allowed:-

Open ribbed wing surface
or
Solid wood surface,
or
"D-box" wood surface and ribs,
or
Timber skinned foam

Tail (elevator and rudder or V tail) surfaces must be either:-

Open ribbed
or
Solid wood surface,
or
"D-box" wood surface and ribs,
or
Timber skinned foam.

For **wing and tail structures, leading edges, spars and spar caps** of composite material are allowed, if formed of rods, round tubes, square tubes or extrusions.
The **open surfaces of the wing and tails** may be iron-on plastic film, silk, paper or polyester fabric.
Ailerons are permitted
Spoilers or flaps are permitted, but not both on the same wing.
Flaps may not be used for camber change of the wing, except in the landing phase.
Spoilers or flaps must be operated by a separate control on the transmitter and are not to **be synchronised**, either in the positive or negative direction, **with the ailerons**.
The **fuselage pod** may be of wood or of composite material.
The **tail boom** may be of wood or of composite material.
The **wood fuselage** may be covered with composite material for strength.
The **motor** must not incorporate a **gear reduction unit**.
A 3 metre model (or less) that conforms to the rules must be flown in all heats.