Reno Unlimited V19-21.0

(1)Aircraft: Entries are to be a scale representation of any single engine fighter aircraft that flew in combat during WWII, or in the Unlimited Class at the Reno National Championship Air Races. (Note- Non-war bird types –Lancair, Pond Racer, etc are not eligible). Minimum Wingspan 84" (2.13m). Models are to be recognisable scale warbird models, conforming to scale outlines. Scale detail e.g. rivets, panel outlines etc are not compulsory. Three views or other documentation may be required to verify scale likeness for scrutineering. A clear windscreen or canopy as applicable, model must have a pilot bust installed in the cockpit and an instrument panel with at least three scale size gauges is required. Flaps are not compulsory even if the original aircraft used them. Main landing gear must be scale, if the original had retractable undercarriage than the model must do so also. Aircraft must be a minimum 9kg (20lbs) and a maximum of 25kg (55lbs). Scale colour schemes are preferred for Reno Unlimited, including scale racing aircraft schemes, however personilsed schemes are accepted due to the need to differentiate between ARF models.
Radio system: 2.4 GHZ, 1700mAh RX battery minimum. One servo per control surface Minimum torque rating of 4.5kgcm (69oz-in).

(2)Engine: Any unmodified, stock petrol engine using the supplied carburetor to a maximum capacity of 63cc. An earlier model Zenoah G62 may be upgraded to electronic ignition from the original magneto type. For an inline engine type model (e.g. Mustang) the cylinder head may protrude from scale outline, as much of the engine as practicable must be cowled.

(3)Fuel: Petrol/Oil mix only (No methanol or nitro).

(4)Muffler: Effective Mufflers must be fitted. The muffler must be under cowl, however the header pipe may protrude. A large Expansion muffler carried outside the scale cowl is not permitted.
Tuned pipes, or other exhaust augmentation is not permitted. The noise limit in General Rules will apply.

(5) Prop: Any MAAA legal prop.