

Barton MFC Club Speed 2018

Model

- (1) Any model in keeping with the spirit of the rules.
- (2) Other than glasscloth/epoxy, the use of modern materials such as carbon fibre, Kevlar, etc is not allowed except for local repairs.

Engine

- (1) Any commercially available plain bearing diesel or glow engine.
- (2) No pressure feeds.
- (3) Maximum engine capacity 1.5cc/0.09cu.in.
- (4) Any engine deemed to have been modified will be given a 10 second time penalty.
- (5) The use of electric starters is permitted.
- (6) In view of the difficulty sourcing glow heads for, eg, the Cox 09 TD, the use of adaptors designed to facilitate the use of conventional glow plugs, of any type, is permitted.

Propeller

- (1) Only commercially available wood or plastic propellers may be used.
- (2) The only modifications allowed are to shorten one blade for balancing, and reduction of the diameter.
- (3) The propeller must have a minimum of 2 blades.

Fuel

- (1) Fuel is generally unrestricted, within the limits of BMFA safety rules, subject to (2) and (3) below.
- (2) The maximum permitted nitromethane content of glow fuel is 25%, which is the maximum commercially available.
- (3) The use of tetra ethyl lead is expressly forbidden.

Lines

- (1) Line length is 13.5m (as MGY) from centre line of engine crankshaft to centre line of handle.
- (2) The lines shall be a minimum of 0.012" (0.3mm) diameter multistrand high tensile steel.
- (3) A handle safety strap shall be used.
- (4) Model, lines, handle, and strap shall be subjected to a pull test of 6kg for 10 seconds.

Contest

- (1) A maximum of 3 flights per model will be allowed, per each contestant.
- (2) Timed distance will be 10 laps.
- (3) Timing will commence 2 laps after the model has been launched, at which time the handle must be placed at the centre of the pilot's chest.
- (4) If available, there should be 2 independent timekeepers.
- (5) Any contestant deemed to be whipping after the initial 2 laps will be disqualified that flight.
- (6) The winner shall be the competitor who achieves the highest % personal best at that competition.
- (7) The Barton Club Speed Cup will be awarded annually to the competitor who achieves the fastest outright speed of the season.
- (8) Proxy pilots are allowed; however, the entrant must be a member of the pit crew, either starting or launching the model.

Notes: The Contest Director's decision is final in all matters.

This is intended to be a fun event!!!