



sam35.org/rules

PHANTOM SPEED - SAM 35 Rules, 2010 Onwards

Acknowledgement to the Peterborough club for providing the basis of this competition

THE AIMS:

A low key inexpensive Speed competition using the Keil Kraft Phantom (Mk I or II) as a base model with either 1.5cc or 2.5cc diesel engines, flown over grass or tarmac.

PERMITTED ALTERATIONS :

- 1/ Reduce wing incidence to zero.
- 2/ Bell crank **MUST** be secured to engine bearers.

Otherwise built as plan, including:

- 2" diameter wheels.
- 1 3/4" diameter spinner.
- External lead outs.
- Standard dihedral.

CLASSES :

- a/ 1.5cc maximum displacement.

Line length : 42' - 0" from model centre to hand grip centre (10 laps = 1/2 mile).

Line diameter : **2 x 0.3mm dia, single or multi strand.**

Engine : **A 1.5cc none schnuerle diesel engine in series production, with plain or ball bearing shaft.**

Maximum model weight: 16 ounces.

- b/ 2.5cc maximum displacement.

Line length : 42' - 0" from model centre to hand grip centre (10 laps = 1/2 mile).

Line diameter : **2 x 0.3mm dia single strand carbon steel or 0.4mm dia multi strand.**

Engine : Any 2.5 cc diesel engine from the attached Appendix A.

Maximum model weight: 16 ounces.

FLYING :

- a/ A safety strap from handle to wrist is mandatory.

b/ A pull test of 16 pounds for 1.5cc and 25 pounds for 2.5cc models prior to each flight is mandatory.

c/ The flight is timed over one half mile from a standing start.

d/ The control handle must be against the pilot's chest or chin within one lap of release. After this, whipping or shortening of the flight path by any means is forbidden. The pilot must walk forward, rotating about his inner leg.

e/ Each entrant will be allowed 2 or 3 flights, depending upon entry level, weather etc.

AWARDS :

- a/ 1.5cc. Certificate for fastest time of the day.

b/ 2.5cc. Certificate for fastest time of the day.

APPENDIX 'A' TO SAM 35 PHANTOM SPEED RULES

Engines permitted in the 2.5cc Class.

All PAW 2.49 plain bearing, PAW 2.49 Eifflaender Special, AM 25, DC Rapier, ED Racer, Elfin 2.49+ Replica, ETA 15D I & II (Not Elite), Frog 2.49 + modified, Oliver Tiger II, III, IV + replica, Rivers Silver Streak + replica, Silver Swallow + CS Swallow, EYA 15D, OS15D, Webra Mach I & II, Webra Record, Micron 2.5, Kometa Meteor 2.5, Llam 2.5.

Changes from the previous version of these rules indicated in RED. To align rules with Weatherman Speed.

R W R 5th August 2010. Sponsor: T Goodger. Reviewed 26/05/2016