

Fox 35 Speed rules – Revision 12/2016

Effective date Jan. 1, 2017

Purpose:

The purpose of this event is to create an entry level speed event encouraging folks with an airplane and a Fox 35 STUNT engine to get involved with control line speed.

Engine:

1. The only engine for this event is a Fox 35 stunt engine. NO Fox 35 Combat motors.
2. Fuel System: Only suction type fuel systems permitted. NO pressure fuel systems, No bladders or balloon tanks are allowed.
3. Engine MUST remain Front intake and Plain bearing.
4. Needle valve and spray bar may be changed.
5. Maximum displacement of .352 C.I.
6. NO exhaust extensions of any kind allowed. The use of ORIGINAL Fox 35 mufflers is permitted
7. Spinners or acorn type prop nut must be used. Exposed crankshaft threads are not permitted.
8. Only Thermoplastic, Nylon, Composite or wood propellers. NO Carbon fiber or Glass fiber Propellers. Props may be reworked or balanced.

Airplane:

1. Model may be either a full fuselage or profile, suggestions include Skyray, Ringmaster OR any plane that meets the basic airframe requirements below.
2. Minimum one (1) Wheel, any diameter. Airplane must ROG, No dollies!
3. The flying wires shall be 60 feet in length as measured from the center of the fuselage to the center of the control handle grip. ONLY 2 wire control systems are allowed.

4. The flying wires are to be .016 solid steel music wire.
5. Pull test of 20 g's shall be applied to the model, flying wires, handle, and safety thong prior to each attempt.

Fuel:

1. Only contest supplied fuel allowed will be used for official flights.
2. The specified fuel for this event will be 70% methanol, 25% all Castor oil, 5% Nitro.

Flights:

1. Model will be timed for 1 mile, for 14 laps from point of release.
2. Pilot is not required to use the AMA speed pylon. Whipping is only allowed to get plane airborne safely, NO whipping in Flight!
3. Contestant will be given four (4) attempts to complete three (3) official flights.

Other:

Awards are to be for 1st, 2nd, 3rd, and Best Average Speed

All other Safety rules in the AMA rule book apply.