

AVISTAR AIRCRAFT RACING RULES

(Revision 19 February 1998)

The Avistar races are developed to provide an inexpensive, one design, racing competition for both entry level pilots and experienced pilots.

AIRCRAFT: Airframe shall be a Hobbico, Avistar 40 MK II, ARF, constructed as it comes out of the box from the manufacturer and in accordance with instruction manual provided with the kit. The following modifications will be permitted.

Wire main landing gear struts may be substituted by either aluminum or fiberglass struts that provide a similar wheelbase as the wire struts would provide. No modifications to the nose wheel will be permitted.

Wheels may be substituted but must be same type and as large or larger than those provided with the kit. Racing wheels will not be permitted.

Wing and fuselage may be modified for bolt on wing instead of rubber bands.

Fuel tank that comes with the kit may be substituted with a smaller tank, six ounce straight tank works well.

POWERPLANT: Engine shall be an O.S. 40FP. The muffler cone baffle may be removed unless flying at a noise sensitive field as determined by the club rules or the Contest Director.

Propeller shall be new or like new condition, Master Airscrew, Fiberglass/nylon, 10" X 6". Sport or wooden propellers will not be permitted.

Spinner nut may be substituted for plastic spinner furnished with aircraft kit.

Fuel will be limited to a maximum of 15 percent nitro-methane. Carburetor must be adjusted so that the engine will idle hands off on the ground without moving the airplane when on a smooth hard surface for a period of 5 seconds. Throttle adjustment must be set to provide stopping the engine using throttle controls on transmitter.