

FRM CLUB RACING RULES

AIRCRAFT

- The World Models Sky Raider Mach II. (Unmodified, except as noted herein)
- Color may be changed.
- Any size commercially available AMA legal spinner.
- Fuse nose sides may be pulled in to 2 ¾ “ O.D. at front and secured to prevent vibrating. No other streamlining is allowed.
- Any size fuel tank (muffler pressure only) no bladders or crankcase pressure allowed.
- Must weigh **68 oz.** dry, ready to fly.
- Must have Ail., Ele., Rud., and Thro. Controlled by servos. Any appropriate size.
- May use more if desired including mixture control on engine.
- Any hardware may be used. Engine must be upright. Any thrust angle.
- Must use Mach II wheels and landing gear struts.



ENGINE:

- *O.S. LA .40* and *O.S. LA .46* (Natural or Blue) Must be stock.
- Must use muffler supplied with engine (.40 and .46 mufflers are the same)
- Baffle may be removed and muffler may be secured together by any means.
- No exhaust extensions permitted. Exit hole may be enlarged or reduced, but exit pipe must be in tact.
- As of Jan. 2008, there will be two (2) classes flown, OS LA .40 and OS LA .46.
- All other rules are the same for both classes.



PROPELLER:

- Any commercially available, AMA legal prop may be use.(cost may not exceed \$10)

PROCEDURES:

- Heat races will consist of **eight** laps around **two** pylons apx. **600'** apart.
- There will be a flying start on a **30** second countdown.
- A pylon cut or start cut will result in the loss of **one** lap.
- Three cuts results in a **zero** for that heat. First place=5 points, Second=4 points etc.
- No duplicate frequencies will be allowed.
- Check the FRM Website or with the race coordinator for a list of currently used frequencies.
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FUEL:

- **FRM** club fuel will be provided. (15%) current fuel being supplied by the club.
- There will be a nominal entry fee to cover the cost of fuel at each event.

RACE NUMBERS:

- 7" tall contrasting color on bottom right wing panel.
- 3" tall on both sides of fuse or fin and rudder.
- Race number should be frequency but not mandatory.

Updated December 17, 2007

By John Lockwood, FRM Race Coordinator