

**The Tree Town Modelaires**  
**53<sup>nd</sup> Annual**  
**Midwest Regional C/L Championships**  
AMA Sanction #nnnn  
**Sunday, September 1, 2019**

**Location: Aurora Municipal Airport, Rt. 30, Sugar Grove, IL 60554**

**Events:**

**Navy Carrier** – AMA glow and electric classes are combined for Profile, Class1, Class 2, Skyray and Sportsman. (see special carrier rules)  
Class 1 (319,340)(JSO); Class 2 (320,341)(JSO); Profile (321,342)(JSO); Skyray Carrier; (JSO); Sportsman Profile Carrier (JSO)  
Note: you may only fly Profile or Sportsman, not both.

**Precision Aerobatics - PAMPA**

323 - Beginner Aerobatics (JSO)                      324 - Intermediate Aerobatics (JSO)  
325 - Advanced Aerobatics (JSO)                    326 - Expert Aerobatics (JSO)  
- Profile (engines up to .92) (JSO)

Notes: Beginner, Intermediate and Profile stunt events will be flown over grass

**Racing (see special racing rules)**

Jerry Who Memorial (JSO) – 100 lap sport race will be flown off grass immediately following the Profile Stunt event. A final race to be held between the 3 fastest qualifiers.

**C/L Scale** 509 - Sport Scale (JSO); 521 - Profile Scale (JSO); 526 - Fun Scale (JSO); 529 - 1/2A Scale (JSO)

**Speed:** No speed. Speed only contest held on this site August 25 - 26.  
Contact William Hughes: [williamhughes4@att.net](mailto:williamhughes4@att.net)

**Awards through 3rd Place. Awards for best Junior/Senior in all events.**

**Entry Fees:**

Open, \$10.00 per Event                                      Junior / Senior, \$5.00 per Event

**No Un-Muffled Engine Runs** before 9:00 AM and **No Un-Muffled Flying** before 10:00 AM

**Competition Begins at 10:00 AM**                                      **Registration Closes at 12:00 PM**

**\*\* Food, Porta-john and Raffle Available on Site \*\***

**Lodging:**

Comfort Inn, Aurora	(630) 820-3400	Sugar Grove Motel	(630) 466-2089
Fox Valley Inn, Aurora	(630) 851-2000	Hampton Inn, Aurora	(630) 907-2600
Holiday Inn, Aurora	(630) 806-7400	Motel 6, Aurora	(630) 851-3600
Sunset Motel, Yorkville	(630) 553-7353	Super 8 Motel, Yorkville	(630) 553-1634

**Contest Director:**

**Patrick King, AMA 168941**

**5133 Jason Drive,**

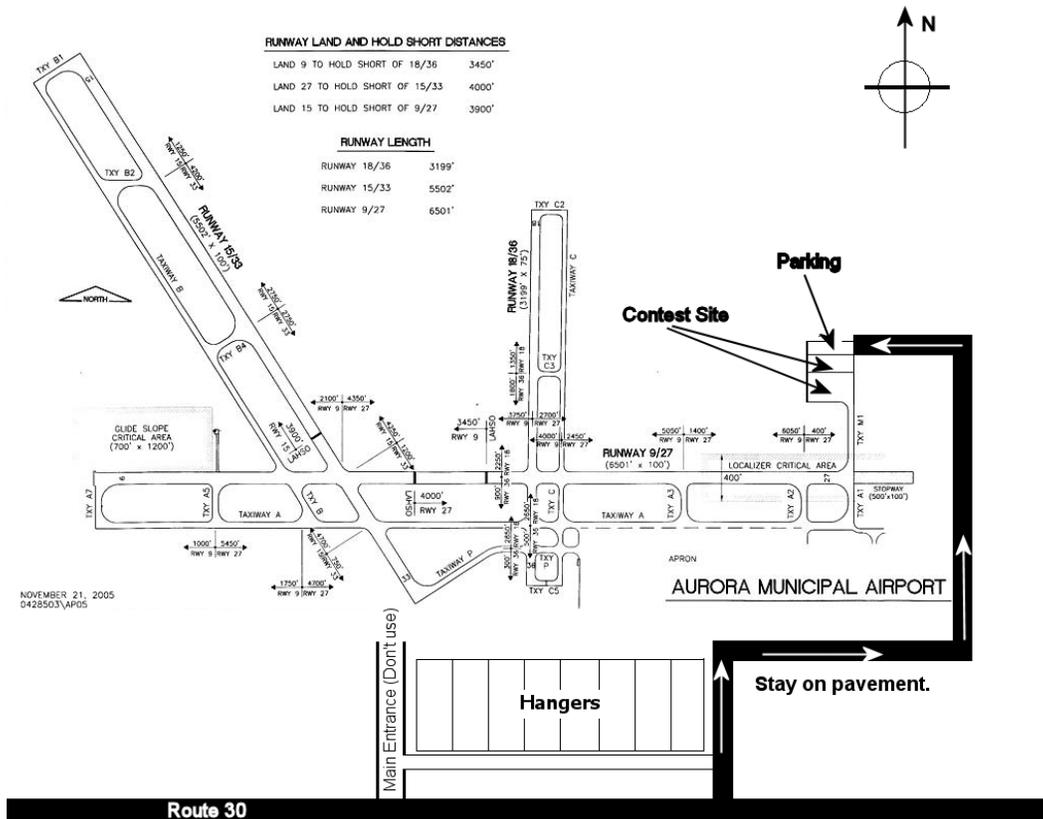
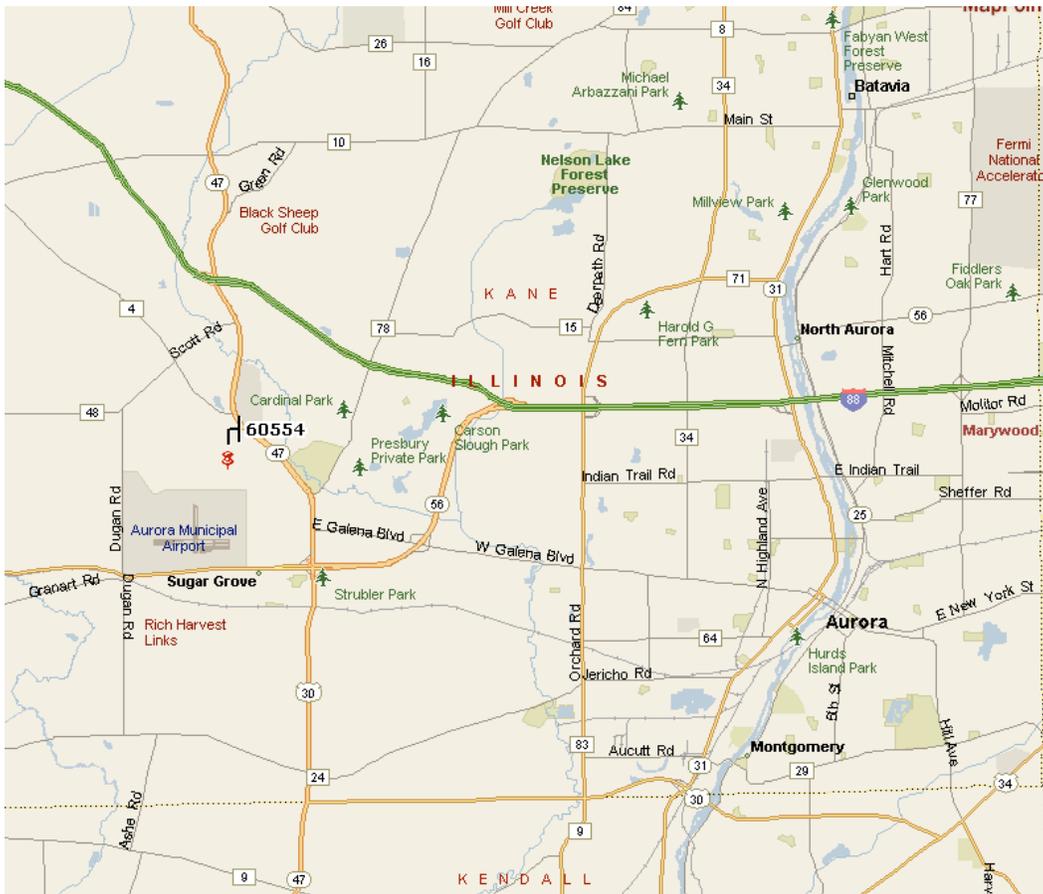
**Monee, IL. 60449**

**Phone: (708) 921-6322    E-Mail: [patdk@aol.com](mailto:patdk@aol.com)**

**\*ATTENTION\***

**No Alcoholic Beverages** are allowed at the Airport. Violators will be escorted off site by irate club members and / or the **Sugar Grove Police**. There will be **No Refunds**, regardless of Weather or other circumstances.

The Aurora airport is located on the North side of Hwy 30, approximately 1/2 mile West of Hwy 47 in the town of Sugar Grove.



**Special Rules for the Tree Town Modelaires  
Midwest Regional Championships:**

***All appropriate AMA safety rules apply to these events -***

**Sportsman Carrier:** Same rules as Profile Carrier (gas and electric combined). This class is intended for "Sportsman" entrants who do not wish to compete in the "Open" Profile Carrier Class. The event director reserves the right to promote an entrant to the "Open" profile carrier class based on performance. No person may enter both Profile and Sportsman, however Sportsman entrants may also enter Class I, Class II and Skyray events.

**Skyray Carrier:**

- 1) SIG Skyray 35 kit or accurate reproduction only. Although construction details may be modified, wing and empennage airfoils and outlines of fuselage and flight surfaces shall be stock within normal building tolerances.
  - a. No additional movable flight control surfaces are allowed other than elevator. The chord of the elevator chord may be increased from stock.
  - b. Two-wheel landing gear is allowed. Tail skid may be modified. Motor mounts (and fuselage front end) may be modified in a reasonable way to accommodate the motors being used, but not for additional streamlining.
  - c. Either a standard 3-line control system (elevator and throttle) or a 2-line control system (elevator, with throttle controlled by an electrical signal passing through the lines) may be used. Design and location of control system components is open.
  - d. Repositioning the lead-outs to a location on the wing tip other than where shown on the plan is allowed as long as the lead-outs emerge from the wing tip within the fore-aft limits of the wing. Line sliders are NOT allowed. Stock wing tips may be left off - no further shortening of the wing is allowed.
  - e. Addition of arresting hook is allowed.
- 2) Propulsion system may be either piston engine (glow) or electric motor. Maximum displacement for piston engine is .409 cu.in. (muffler optional).
- 3) Fuel Tank: Suction only, no pressurized systems.
- 4) Fuel: SIG Champion 10% (supplied at contest).
- 5) The scoring of the event shall be per the AMA rule book for Profile Carrier with the following exceptions:
  - a. No scale bonus points will be awarded, however the model should look like a SIG Skyray 35.
  - b. Maximum high speed score will be limited to 75 mph
- 6) All other rules are the same as for AMA Profile Carrier and the AMA Electric Profile event, whichever is appropriate.

## **Jerry Who Memorial Sport Race:**

### **Airplane:**

A reproduction of one of the following kits: **Sig:** Skyray .35,

**Goldberg:** Buster, Shoestring and Cosmic Wind, **Top Flite:** Flite Streak (kit or ARF), **Brodak:** Flite Streak, Lightening Streak, Galaxy, Super Clown, Buster and Original Tomahawk, **Estes:** Stuntin' Ringmaster 35 Pro, **Sterling:** Ringmaster (either version), Yak 9 and P51, **J&J Sales:** Ukey .35, **Golden State:** Yak 9, **RSM:** Miss Sarah and OTS Ringmaster and **TCI:** Firecat.

The model is to be built as designed. Structural modifications are allowed such as cheek cowls. This means that the airfoil, wing shape, size, moments, tail surfaces, canopy, rudder, fin and fuselage outline must be as originally designed. Model must ROG, landing gear is required, however the original design may be modified as to the number and location of wheels used.

### **Engine:**

Stock Fox Stunt .35, Permitted alterations: Needle valve/spray bar, bolts. No metal removed or added, No Hemi heads, button heads, stuffer back plates etc. Claiming rule equal to suggested retail price of new Fox Stunt .35.

### **Props:**

Props to be 9-6 or 9-7 wood or plastic commercially available. Only re-work allowed is for balancing and removing molding burrs.

### **Lines:**

.015" min. dia. braided, no solids. 60' +/- 6" long. Pull test: 35#. Fuel tank: 2 oz. tank suggested, no pressure, vents may be directed forward, fuel must enter tank through 1/8 dia. tubing.

### **Race:**

100 laps, 2 pit stops minimum, flown 3 up. No hot fingers, shutoffs or fast fills. The Contest Director may disqualify any entrant who in his opinion is not keeping with the spirit or intent of this racing event. Arguing with the contest director or any judges is grounds for immediate disqualification. This is supposed to be a fun event. Let's keep it that way.

**P Profile Stunt - PAMPA Stunt** flown with a profile airplane, any size (up to .92 cu. In.) engine allowed. Must adhere to AMA general control line rules for profile airplanes. All competitors fly one class. Event will be flown off a grass circle.