



Particulars: Charter 313

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- Webmaster:** Terry "The Flamer" Beachler
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- Newsletter:** Jon "Dew Drop" Dewey

AMA CONTEST DIRECTORS:

Jim Hogan, Jim Fassino, Jon Dewey, Jim Martin

Flying Field Location:

The flying field is located off Old Galena Road, 1/2 mile north of the Caterpillar Technical Center on the west side of the road.

GPS Location: **N40 51.844' W89 33.788'**

Flying Hours:

Flying hours are 8am until dusk, 7 days a week.

Membership:

Club dues are \$110/year. If paid on or before the December club meeting: \$90, If paid between December meeting and Jan 1st, \$100. All members must belong to the Academy of Model Aeronautics (AMA)

General:

We are committed to having fun and the safe operation of model aircraft. The Peoria RC Modelers is an equal opportunity, not-for-profit organization and always welcomes new members.

Flight Instruction:

The Peoria RC Modelers offers flight instruction as a free service to anyone requesting it. Contact a club officer for further information



Looks like we had plenty of "adult" supervision by the V.P. and Phil, thanks for your help guys.



4 new airplane benches were completed

Photos by: Don Steadman

Visit Our Website

peoriarcmodelers.com





I do solemnly swear every word and description is true as I saw and remembered the event...So help me God! On or about sometime last week or the week before I can't remember, But I did see it fly! It is always an interesting day when the said mentioned "pilot" pulls up and starts to unload his vehicle at the field. You just never know what he has in store for that day. Well on this day it was a 1/9 scale 55.1" wingspan OV-10 from Motion RC. My first thought was, it is amazing the detail they can get with foam. The airplane is equipped with 5 pre installed LED lights. The model features two red/green wingtip static LEDs, one white dorsal LED, a flashing red ventral LED and one white landing LED in the nose that illuminates whenever the landing gear is extended

This airplane has a removable centerline fuel tank and ordinance. *Motion RC* also says it is "Grass Friendly"

"Designed for practical every-day RC use, tall pre-upgraded aluminum suspension struts and adequate ground clearance give the FlightLine Bronco the best off-road capabilities of any FlightLine aircraft. The large nose wheel and trailing-link main struts are especially suited for operating off of the toughest RC airfields, intended to fully compress without damaging the fuselage or props. Due to practical size constraints, the largest main wheel is used that can still fit in the reinforced foam boom without hydraulic compression assistance."

However we never saw it take off from the grass, so I can neither confirm or deny this statement to be true.



The "Bronco" lines up and waits on Runway 27



With the use of the petromat the Bronco easily and gently glided into the air. It seemed to have no bad flight characteristics as it flew around the pattern. I don't think it even took one click of trim. The only thing I believe it was missing was sound. The counter rotating props powered by the two 4S Brushless 3530-860kV motors made very little sound. After a couple of laps it was now time to set up for the landing.



It was a smooth touchdown and roll out on the grass, ending an uneventful maiden. On the second flight of the day the pilot broke one of his "major rules of engagement", he put up the retractable landing gear and made a flyby just to show Hogan he can and will do it! After the flight I heard words being exchanged between the two....

"You broke a major rule of engagement. Then you broke another one with that circus stunt fly-by. Top Gun rules of engagement exist for your safety and for that of your crew. They are not flexible, nor am I". The two flights of the Bronco that day ended with those encouraging words between the two pilots. Nice job! and a beautiful addition to your fleet . Also a big thanks to Jim F. for the great pictures to document this event.



**Yes they do
go up ...**



and come down

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She is a 4th of July "Keeper". I also heard she catches more (and bigger) fish than Bob and Roger combined.

**HAPPY BIRTHDAY
AMERICA!**

HAVE A SAFE & HAPPY HOLIDAY!





RACING REPORT



Our first contest day of the year happened to be on the 20th of the 2020. Weather forecasts had long predicted the morning to be filled with rain showers and considerable wind. The actual weather at the 9AM start time was partly sunny with a 7-8 MPH wind from the southwest. Jim Fassino, Jim Martin, Roger Weber and Roger Stegall were airborne and diving toward the starting pole at the zero mark of the 20-second countdown of the first race. Stegall timed the race start perfectly and gained about a 50-foot lead over the rest of the field. He maintained that slight lead through the first 4 laps until his motor made a loud screeching sound and abruptly locked up. Fassino was close behind Stegall and went on to record the 8-lap victory, followed by Martin and Weber. Verne Holeman, who was the west turn judge, confirmed what everyone already knew – we were all making sloppy turns and going well beyond the boundaries of the field. When Stegall tried to trouble shoot his motor problem prior to the 2nd race, the motor began to immediately smoke. This left only three contestants for the remaining three races. Heat #2 had a fair start with all three planes in close proximity. Stegall watched the 2nd race from the east pylon and was able to verify the race finish order of Fassino, Weber and Martin was the same order of contestants who flew the shortest distance past the eastern pylon. Races three and four had identical results as the 2nd race. Points for the day were: Fassino 20, Weber 15, Martin 13. Stegall 1.

The first ever Unlimited Racing event had Jim Martin flying a glow powered racer against Jim Fassino's red EFX and Roger Stegall's yellow EFX. Martin was the first to launch his fueled racer. When Stegall launched his EFX from the ramp, it immediately stalled after he activated the motor and made a rough landing/crash. Fassino went on to record a full lap victory in the 6-lap race. Stegall's motor seemed to turn OK so he again positioned his EFX on the ramp for the start of race #2. Surprise-Surprise, that yellow EFX did the same thing after launch and stalled immediately after Stegall activated the motor. Martin had a slight lead at the start line of the 2nd race but soon was passed as he made a wide turn at the first pylon. The finish order was again Fassino and Martin. Stegall did a more thorough investigation of his EFX motor and discovered that the prop on the steed was a 6X4" EP. The EP stands for Electric Pusher. When Stegall replaced a broken prop last season, he accidentally installed a pusher prop which had the effect of providing thrust in the opposite direction of intended travel (brake effect). Daaaaa. Normally, when a prop is providing thrust in the wrong direction, it is discovered on the ground when the plane starts to move backwards. Not so obvious when a plane is zoom-launched off a ramp by a bungee cord. Stegall now has the early lead in the award for the year's BEST -- Pilot-Induced Stall (twice). Martin made an adjustment to his motor prior to the start of the third and last heat of the day. The adjustment he made clearly made a difference. The third heat was much closer with as he and Fassino were seldom more than 30 feet apart. At the finish line, Fassino gained the victory by only a fraction of one second. Scores for the day were: Fassino 60 points, Martin 30 points, Stegall 0 points.



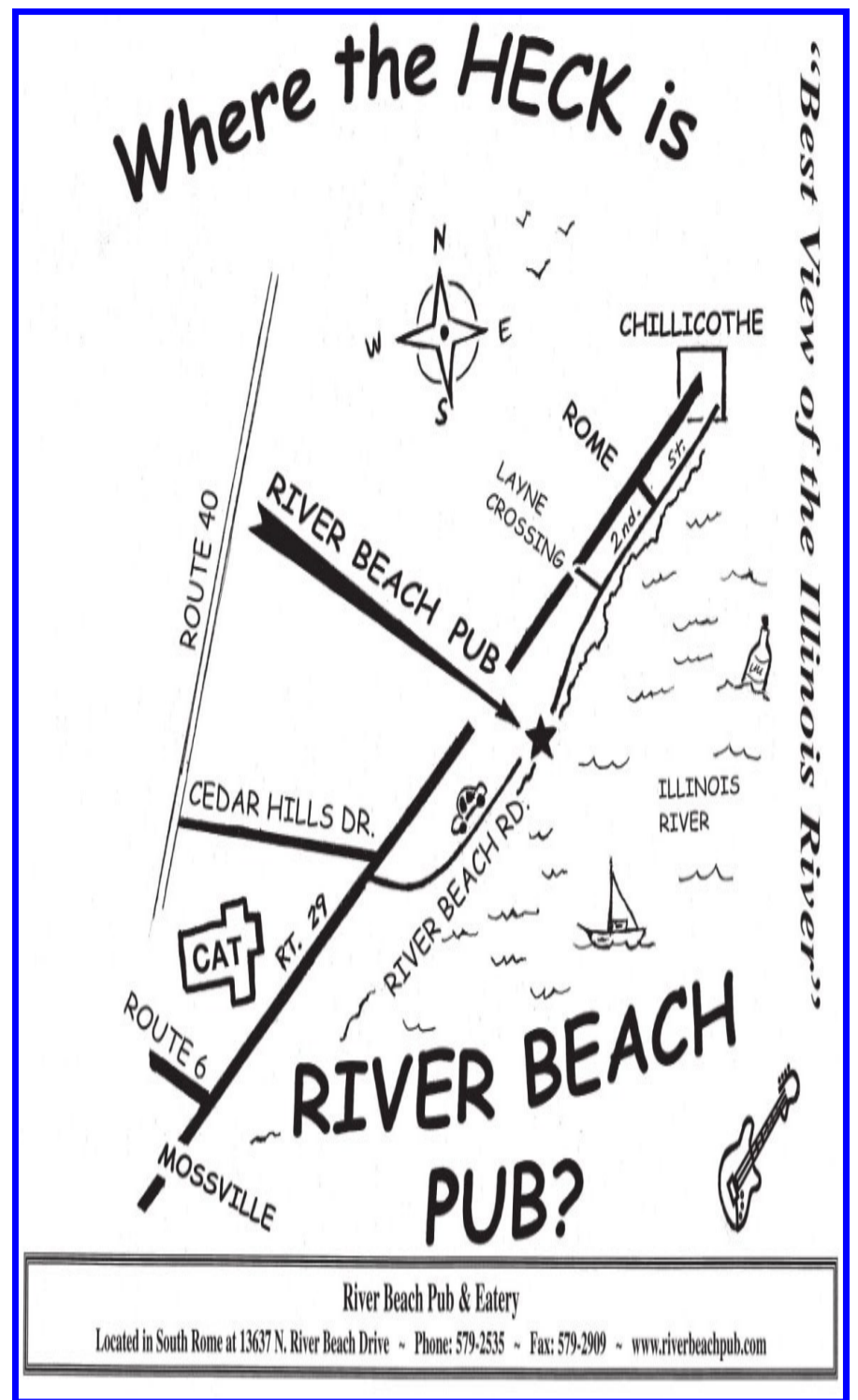
STREAMERS OVER MOSSVILLE

Verne Holeman, Roger Weber, Roger Stegall and Jim Fassino were the only pilots to launch foam wings in the year's first combat exercise. The action began fast and furious. At the one-minute mark of the 1st event, Fassino was successful at lopping off about 10' of Stegall's streamer. A few seconds later Holeman and Weber had a head-on meeting at 100 feet up and slightly west of the northern field boundary. Holeman's battery became detached causing his plane to spiral into the corn and eliminating him from further competition. Weber's plane also suffered damage and spiraled into the knee-high corn. At one minute and 10 seconds of that first heat, Fassino was the only survivor and collected 4 points. Weber used a back-up wing to enable three pilots to contest the remaining 2 combat adventures. Stegall got revenge over Fassino about half way into the 2nd heat as he trimmed the last 4 feet of Fassino's purple ribbon. Weber and Stegall chased each other in vain for the remaining minutes of the 2nd heat. The 3rd skirmish was an exercise in futility. All three pilots ended the 4-minute contest with their streamers at full length. Points for the day were: Fassino 4, Stegall 4, Weber 2, Holeman 0.



And this is why we call it "Combat"

Photo by: Jim F



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thank you 😊

I wanted to say thank you to a few members:

Steve Blessin for designing the new flight stations, all the members that assembled them and to Kerry for providing the lumber. They sure are nice. Let's hope they last as long as the ones Vern built many years ago when a 60 size glow powered airplane was considered big.



Photos by: VP Wheeler

Thanks to Don for keeping the grass mowed. Thanks to Roger Stegall for running the pylon and combat events for another year. Thanks to our President for another year as our leader and continuing to publish the monthly newsletter. Thanks to our new club members for joining our flying group, we hope you enjoy Peoria RC Modelers. Thanks to the farm management company for agreeing to resolve the low crop issue.

Thanks to Vern for being a pylon judge even if it was a little boring. Also thanks Vern for keeping the supply of combat airframes coming. Rumor has it that Kerry may join.

I attended the Decatur Aeronaut's Glow Plug Palooza, as the name suggest it is a glow fuel only event. Andy Kunz from Horizon Hobby was there, it was great to meet him.



Andy is the man with all the Spektrum radio answers. He has been a great resource for telemetry questions. You can find him on RC Groups.



Photo by : Jim F



The Decatur club is suffering membership decline and their president said it will be difficult to continue unless they can get some additional members. Thanks to the Decatur club for a fun day, it is a very nice flying site.

Thanks to all of the PRCM members for keeping our facilities looking good and our club growing stronger.

Thank you all, Jim

The LAWN CHAIR REPORT



"Club promotion"

A few years back, the club offered handsome golf shirts embroidered with the club logos to members to promote our club and give us a symbol of pride. The original tan shirts had the "PRCM" logo on the sleeve and the traditional "Wing and Shield" logo on the front. Since then, new members have gone into "Embroider Me", now called "Fully Promoted" to have shirts made. The embroidery shop is located on North University near the junction with Pioneer Parkway. Either or both of these logo's are available and can be sewn on shirts of your choice overnight.

There is a third logo available to any club member. It is the "Taildraggers" symbol using the "Wing and Shield" with the name "Taildraggers" underneath. Taildraggers is the name adopted by members who fly during the week. Made up mostly of retirees, shift workers and the unemployed, the group remains active today. It is not a "club with the club" but just another example of showing pride in our club. Anyone can use the logo. Most of the Taildraggers get different color shirts, like lime, cheery, coffee, and gray. We would like to see other colors such as orange, banana, grape, whatever!

We have seen growth in our club membership lately, and new members are welcome to use the club logo on shirts, ball caps and cups. There is no charge to use the logos because members have already covered the setup costs.

"See you in the lawn chairs, with your new shirt. "








Jim "Hollywood" Hogan



Editor's Note

If you purchase one of their shirts, the embroidery is included. And the shirt prices is not unreasonable.

July 2020

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|---|--------|---|---|----------|--|--|
| | | | 1  Club Meeting ! | 2 | 3 | 4  |
| 5 | 6 | 7 | 8 | 9 | 10 | RACE DAY  7 DAY FREE SLURPEE 11am-7pm |
| 12 | 13 |  NATIONAL MAC & CHEESE DAY JULY 14 | 15 | 16 | 17 | 18 |
| 19  National Ice-Cream Day | 20 | 21 | 22 NATIONAL HOT DOG DAY!  | 23 | 24 NATIONAL TEQUILA DAY  | 25 |
| 26 | 27 | 28 | 29 | 30 | 31 | |



HAPPY

 4th OF July



INDEPENDENCE DAY

**From our Co-Pilot
of the Month**

Miss July



Open House

Bloomington/Normal SIRS

August 15th 2020



GOOD NEIGHBORS

Support each other, to grow together.



That's all Folks!

