

Particulars: Charter 313

President: Bryan "Chummer" Chumbley
chumbley@mtco.com

Vice President: Joe "Fantastic Languini" Lang
joe.a.lang@comcast.net

Secretary/ Treasure: Jim "Smokin-Jimmy" Fassino
JFassino@me.com

Safety: Jon "Dew Drop" Dewey
Dew6483@yahoo.com

WEBMASTER Terry "The Flamer" Beachler
terry@beachlers.com

FIELD MAINTENANCE Don "Snappy" Steadman
W9dls@yahoo.com

Newsletter Jon "Dew Drop" Dewey

AMA CONTEST DIRECTORS:

Bob Wilson, Jim Hogan, Jim Fassino, Jon Dewey

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:

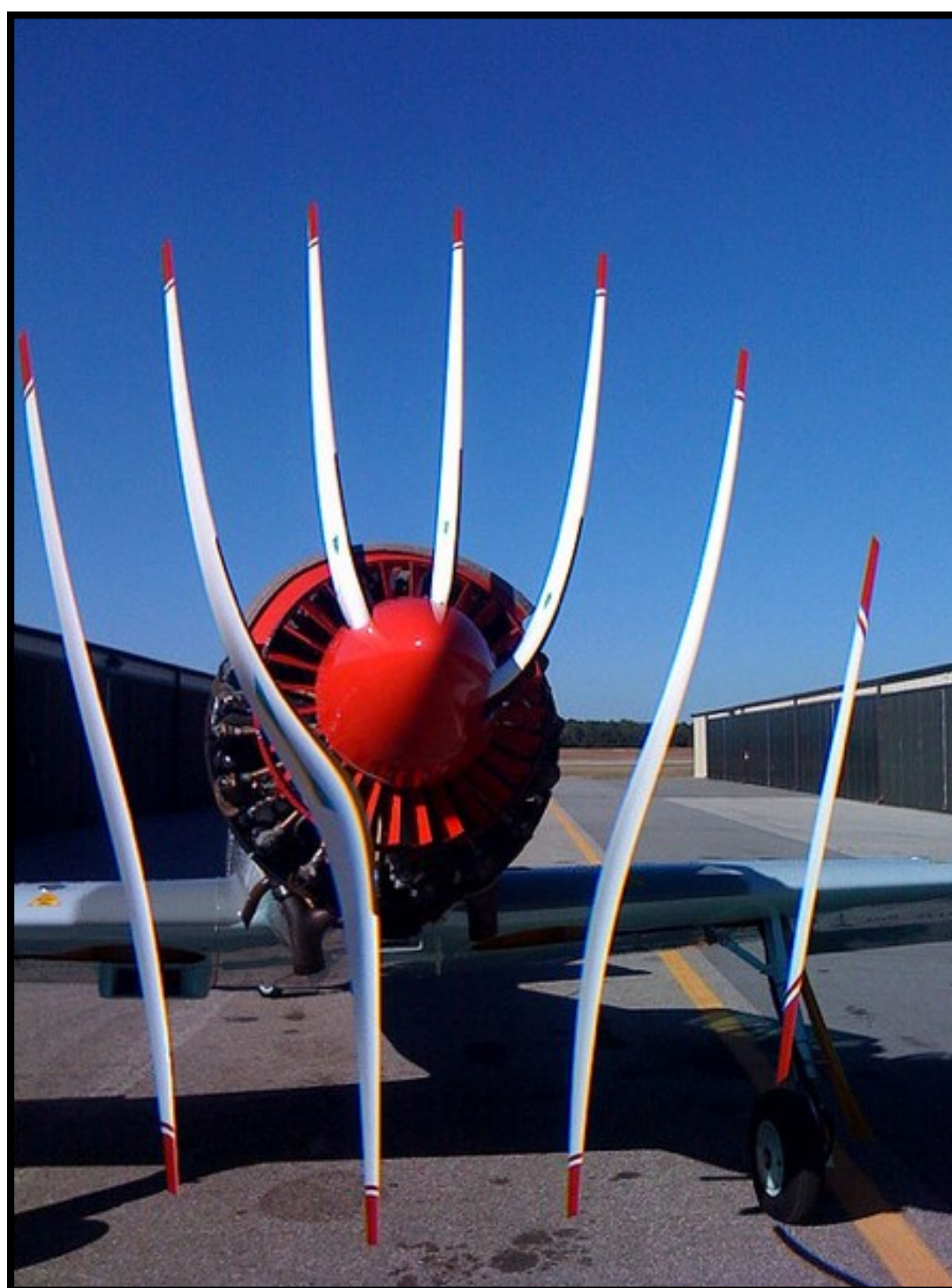
We are committed to having fun and the safe operation of model aircraft. The Peoria RC Modelers is an equal opportunity, not-for-profit organization and always welcomes new members.

Flight Instruction:

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



ESTABLISHED
SINCE
1954



Many people, who have tried taking a picture of a spinning airplane propeller with their cellphone cameras, have been surprised by the outcome. After all, they didn't expect to see many ghostly propeller blades floating in the air without being totally detached to the airplane. Here is an example: a photograph of a rotating propeller taken by an iPhone



Bryan "Chummer" Chumbley

My interest in flying models began at a very early age. My family often camped with friends who were avid control-line and RC pilots. I spent many hours at Scott County Park outside of Davenport, Iowa, watching these friends fly, and it spurred my interest. I began by building static models and rubber band-powered tissue and dope models. My brothers and I saved our money to collectively purchase a control line trainer with a Cox .049. While the flights of this trainer were often very short and mostly unsuccessful, we had a great deal of fun. Like many of us, life interrupted my interest for many years, and during the early years of my professional career and as a new husband and father, I had to settle for the occasional kite, balsa glider or model rocket to keep my interest piqued.

About 12 years ago I purchased a foam Cub with a brushed motor from Hobby Town (Thank you Jim Hogan) and my renewed interest in RC flying began. I have come a long way from that Cub, but the joy of flying is always present. Outside of spending time with my family, I am happiest when I am building or flying models.

I look forward to seeing all our members at monthly meetings, special club events, and on those beautiful days of spring, summer and fall when the PRCM flying field is waiting with blue skies and gentle winds.

Meet your New Club Officers for 2016



Joe "Fantastic Languini" Lang

Now that the bitter campaign and election are over, I would like to take this opportunity to introduce myself. Your new VP has much less flying experience than most of our members. However, this also means that due to a massive number of racing incidents and other minor issues due to my relative inexperience, I am very familiar with the surroundings of the field and can readily assist with any off field excursions or search parties.;

The beginning of my RC flying was 8 years ago when we moved to Peoria. Prior to coming to Caterpillar, I was at Ford and spent my hobby money on golf – a lot of golf. Since moving to Peoria, I have not picked up a golf club and instead got into the RC hobby. I may have been a bit better golfer than I am a pilot, but I enjoy building and flying much more.

My wife Jean and I have three children, Sarah (20), John (18) and Amy (13). The last two years have seen a little less flying for me, mainly due to getting Sarah and John off to college. I am looking forward to a bit more flying this year and I am pretty confident that the Stinson SR-9 I have been working on for the last several years will finally fly. I know this is about the third winter in a row I have claimed it will fly, however, covering and final assembly started over the holidays – I think this really may be the year.

The one thing I would like to see improve is to get more of our membership involved in some of our activities – starting with our annual banquet. For the past several years, we have met at Alexander's in late February. We are considering moving to a different venue and also moving the date to March or April to try and have an event that more can attend. If you have any ideas on venues or that may drive more attendance, please to not hesitate to let me know.

Already looking forward to getting out to the field – here's to an early spring in 2016!

Let's have some fun.

Registration with the FAA



OK. We have all heard the hype in the media about the new FAA registration requirement for Unmanned Aircraft Systems (UAS), also called small Unmanned Aircraft Systems (sUAS). There has been a lot of confusion and misleading information out there. So, here are some basic facts.

- * The registration process is easy and will take between 5-10 minutes to complete online.
- * You will need a credit card, \$5 registration fee, which is valid for three (3) years, will be charged AND REFUNDED if you register before midnight on January 20, 2016.
- * Only the pilot registers, you will be provided a unique registration identifier that you will affix to your aircraft that meet the FAA registration requirements.
- * During the registration process you be required to read and agree to follow the following safety guidelines.



Fly below 400 feet and remain clear of surrounding obstacles



Keep the aircraft within visual line of sight at all times



Remain well clear of and do not interfere with manned aircraft operations



Don't fly within 5 miles of an airport unless you contact the airport and control tower before flying



Don't fly near people or stadiums



Don't fly an aircraft that weighs more than 55 lbs



Don't be careless or reckless with your unmanned aircraft you could be fined for endangering people or other aircraft

**FOLLOW SIMPLE RULES...
YOU MUST**



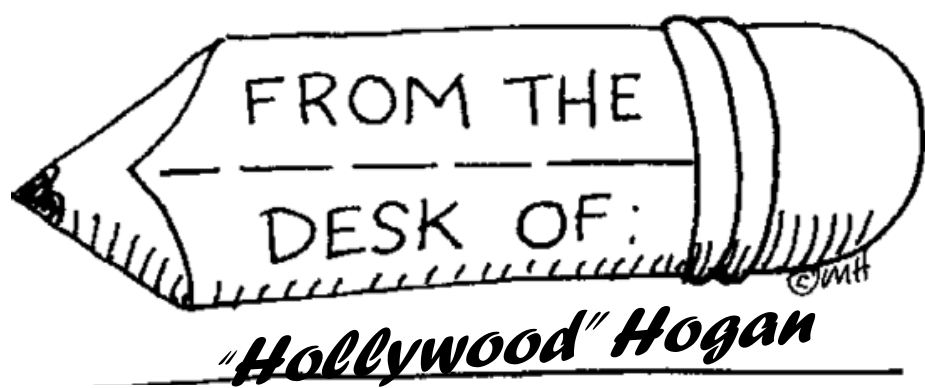
It is my hope that, as a club, we agree to voluntarily participate. As a rule, we follow these safety guidelines. By in large, we won't need to change one thing about where and how we fly. I know many of our members, including myself, have already completed the process and have labeled their aircraft.

To support this effort, I will have my laptop available at the New Year's Day First-To-Fly event so that members can complete registration. Additionally, I will also bring a label maker so that members can print labels to affix to their aircraft.

Bryan Chumbley, President

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It was not that long ago that you could walk into a hobby shop and buy a kit from companies like Top Flite, Sterling, or Sig to build over the winter months. Today, you go "on line" and buy a "ready to fly" or a "plug and play" airplane, charge the battery and into the air. I still like the satisfaction of sticking my finger together with CA, and sanding until I sneeze.



For a winter project, I found a ARF 1/4 scale Hanger 9 Tiger Moth in October. Last year, I bought a Top Flite Zero and it did take most of the winter to get it ready to fly. As I started on the Tiger Moth, I found that it was the most complete ARF I have ever owned. All the control surfaces were glued and pinned. All I needed was thread lock. Wings, tail, cowl, gear, just needed bolts to hold everything together. Even the push rods were cut to length and the servo tray installed. My winter project was completed in about two weeks of working on and off.



Ok, now it is January, and what to do now? My building bench is clear and I can even see the table top. Well, I have three classic airplanes including the Tiger Moth, a Piper Cub and a Antonov AN2. I don't need any more. I have the Zero, but I would like another large warbird. I've looked around for something to trigger my interest without duplication what other members are building. Jon Dewey has a SDB well underway. Doc Rudy has a Corsair, Steve Blessin finished a A-1 Skyraider and Joe Lang is looking into a Spitfire.

There are lots of plans and short kits around, which seem to be replacing kits, so maybe I can find something. I'd like to build a twin engine warbird with a pair of 20cc gas engines. I still miss my B-25 which I wrecked on its maiden flight a few years back. Not sure I want another B-25, but maybe. I wonder if a 1/4 scale B-36 would fit in my car?



*See you in the
Lawn Chairs!*



Jim "Hollywood" Hogan

Happy New Year!

As the new president of PRCM, I am looking forward to a great year of flying. We have a great selection of events planned for the year that provide an opportunity for the club to do a number of things. First, all of the events that we host, from the New Year's Day First-to-Fly through our Family Day in September, provide club members a diverse set of flying opportunities that are sure to match the broad interests of the members of our club. Second, by hosting these events and opening up our field to other clubs and the community, we can help to develop a continued interest in the hobby, and hopefully attract new members. Next, because we host these varied events, the opportunities to volunteer and participate are always available. I would like to personally encourage and challenge each club member to participate in as many of these events as possible, and to volunteer to assist in the planning and support of at least two (2). Finally, Peoria Radio Control Modelers needs to continue to focus on increasing the opportunities to fly, improving the quality of the collective experience of club members, and to support the continued success of the hobby by attracting and supporting new members.

I am looking forward to seeing everyone on New Year's Day at Midwest Sports Complex.

Flying begins at 8:00 and ends at 5:00.

B.C.

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Hobbies

A New Year...A New Spinner?



The Cost of War

Have you ever taken the time to try to image how large scale World War II really was? Let's break it down a little and put it into perspective. The cost for aircraft alone is amazing. Here are just some of the airplanes that America produced during the war years along with their individual cost.

B-24 Liberators 18,482 airplanes @ \$215,516 each, totaling \$39,831,667

P-47 Thunderbolt 15,686 airplanes @ \$85,578 each totaling \$13,424,078

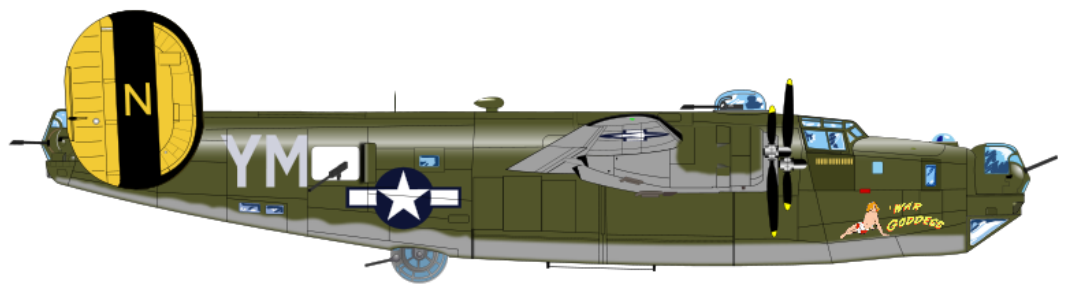
P-51 Mustang 15,875 airplanes @ \$51,572 each totaling \$81,870,550

P-40 Kittyhawk 13,738 airplanes @ \$44,892 each totaling \$61,672,626

B-17 Flying Fortress 12,731 airplanes @ \$204,370 each totaling \$26,018,344

P-38 Lightning 10,037 airplanes @ \$97,147 each totaling \$97,506,443

B-25 Mitchell 9,984 airplanes @ \$142,194 each totaling \$14,196,648



B-29 Superfortress 3,970 airplanes @ \$605,360 each totaling \$24,032,792

C 47 Skytrain more than 10,000 airplanes @ \$88,574 each totaling around \$88,574,000

CG4A Assault Glider more than 13,903 gliders @ \$25,630 each totaling around \$35,633,389

And these number don't even include the B-26 Marauder, PT-17 Boeing-Stearman Model 75, AT-6 Texan , F4U Vought Corsair, F6F Wildcat, F4F Hellcat, TBM Avenger, SBD Dauntless, L-4 and so many other aircraft that were made during the war. Now add in all the support material used, like engine oil, grease, tires, machine guns, nuts and bolts and take a look at **THE NUMBERS GAME:**

9.7 billion gallons of gasoline consumed, 1942-45

7.9 million bombs dropped overseas, 1943-1945

2.3 million combat sorties, 1941-1945 (one sortie = one takeoff).

299,230 aircraft accepted, 1940-1945.

808,471 aircraft engines accepted, 1940-1945.

799,972 propellers accepted, 1940-1945

107.8 million hours flown, 1943-1945.

459.7 billion rounds of aircraft ammo fired overseas, 1942-1945.



Just how many is a 1,000 planes?

If you take the B-17 production (12,731) and put them wingtip to wingtip they would extend 250 miles. 1,000 B-17s carried 2.5 million gallons of high octane fuel. Lifting 10,000 airmen into the air to deliver 2,000 tons of bombs.



B-17 Flying fortress waiting to be scraped

From 1942 onward, America averaged 170 planes lost per day. This was just a small part of the war, now think about all the ships, tanks, trucks, jeeps, uniforms, boots, belt buckles, socks, rifles, pistols, helmets, rations, canteens, soldier's pay and of course parachutes.. Added all up it costed the US taxpayers around \$341 billion (roughly 3.5 trillion in 2005 dollars) And when the war was over, we just scraped and throw most of it away.

But all that was cheap compared to the F35 lighting II

Unit cost:



F-35A: \$98 Million (low rate initial production and not including the engine, full production in 2018 to be \$85M)

F-35B: \$104 Million (low rate initial production and not Including the engine)

F-35C: \$116 Million (low rate initial production and not including the engine)

\$1.3 trillion (Overall including inflation), \$59.2 Billion for development, \$261B for procurement, \$590B for operations & sustainment through 2012

Just a little to think about.

FIGHTER		COST PER UNIT
F-16		\$40 million
F/A-18E/F		\$55 million
F-15		\$80 million
F-35		\$98 million to \$116 million <small>(LOCKHEED FIGURES)</small>

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Jon F Dewey



FRED ZWICKY/JOURNAL STAR

Terry Beachler, longtime owner of Beachler's Vehicle Care and Repair, says the "Bruce Rauner for Mayor" message is "really not a pick on the mayor or a shot at the mayor," but a reflection of his concern about a possible increase in the city's gasoline tax. "Rauner's in Springfield trying to get things under control," Beachler says. "Some of that needs to happen at local and county levels also. "

Joke of the Month

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VEHICLE CARE & REPAIR

A guy was in our gas station the other day. We caught him smoking while pumping gas. We made him put the cigarette out. For some reason the nozzle did not shut off and he was covered with gas. He cleaned up a bit and left. Our cashier saw him pull up to the light across the street. He lit a cigarette and immediately his sleeves were on fire. The cops quickly pulled up, handcuffed and arrested the guy.

WHY? YOU ASK!



ILLEGAL FIREARMS!



OH MY GOD

Look at those gas prices.

Thursday, December 8, 2005

PRECISION R/C HOBBIES

PLANES - CARS - BOATS

"Every Day Low Prices ~ Friendly, Expert Service"

Tues. - Fri: 10:00 - 6:30 PM & Sat: 10:00 - 4:00 PM












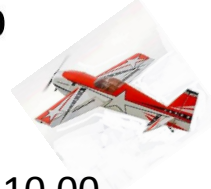



Jim Byer - Proprietor

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January 2016					1 1st TO FLY	2 7AM Bob Evans DOWN ON THE FARM®
3	4	5  DINNER @ 6pm MEETING @ 7pm	6 	7 7AM 	8  \$10.00	9 7AM Bob Evans DOWN ON THE FARM®
10	11	12	13	14 7AM 	15  8PM-9:30PM	16 7AM Bob Evans DOWN ON THE FARM®
17	18 MARTIN LUTHER KING JR. DAY	19	20	21 7AM 	22  LOTS OF FUN	23 7AM Bob Evans DOWN ON THE FARM®
24	25	26	27	28 7AM 	29  \$10.00	30 7AM Bob Evans DOWN ON THE FARM®
31 	<div>Club Meeting !<div>INDOOR FLYING EVERY FRIDAY NIGHT: 8-9:30PM...LOTS OF FUN!</div></div>					

Fox Valley Aero Club presents:

Radio Control Swap Meet

Saturday, February 20, 2016,

Kane County Fair Grounds

525 Randall Road, St Charles, IL 60175

Buy, Sell, and/or Trade RC Aircraft, Helicopters, Radios, Equipment, Cars, and Boats

Over 15,000 sq ft. of tradeshow space, Food Vendor available all day

Admission \$5.00 per adult, Children 12 and under Free,

Doors open from 9:00am to 4:00pm

FOR TABLE RESERVATIONS AND INFORMATION:

John Turner 630-443-7807 Joe Pedone 847-695-0328

jtgrassroots@yahoo.com jpedone777@comcast.net

Table rental available on-line at :

https://www.rcrightdeck.com/event_details.cfm?event_id=5089

After 1PM, We will be open to FOAMY

And Light Electric Indoor Flying

AMA cards required for Pilots

Mark the date! Huge Eastern Iowa

Swap Meet & Auction,
GREAT LOCATION!

It's the 13th Annual Iowa City Aerohawks R/C
Swap Meet

SUNDAY, January 31, 2016

At the National Guard Armory, Iowa City

Table set up at 8 a.m., Doors open at 9 a.m., AUCTION at 12 noon.

All RC control interests welcome! 120+ tables! Vendors too!

Easy load/unload. Breakfast & lunch: coffee, donuts, bagels, soda, pulled pork sandwiches, chips available. We've rented a HUGE facility with lots of space, and our members, vendors, and friends will be putting out LOTS of

GREAT stuff from their workshops and home hangars: PLANES, CARS, TOOLS, HELICOPTERS, BOATS, KITS, ARFs

\$5 admission, Kids 12 and under FREE!

\$13 for 6 ft. table w/ chair (incudes 1 admission), additional tables \$10

BUT WE SELL OUT SPACES EARLY and YOU MUST RESERVE AHEAD!!

Call Rich at 319-358-8519 or email:

rich.vedepo@gmail.com





Dear:

Sum Ting Wong,

These are the rantings of a ghost-writers known but to God. Someone has taken on the pen name of "Dear Sum Ting Wong". Other than the physical copying from one medium to another, the editor takes no responsibility in the blasphemy and lunacy herein expressed.

So Wong:

It's a new year. New mistakes are going to be made along with new promises and regrets. Last year I crashed a lot of my RC airplanes. If this kind of reduction continues I just wont be able to afford this hobby much longer, and now the U.S. Government wants another \$5.00 from me to register my "Drones". They said they will return it, but money is short, and I could use it now. I'm not asking for a miracle, I just want a better year than the last one. Any suggestions on how to make 2016 better?

Signed. A NEW HOPE

Dear: A NEW HOPE

Confuses once say: If you are not willing to learn: no one can help you. If you are determined to learn: No one can stop you. So learn to fly better and make some New Year's resolution: **LIKE**

1. Stop making lists.
- B. Be more consistent.
7. Learn to count.
- study effects of gravity on RC planes
- D. Have more fun and smile when you Crash, just don't throw your radio.

S.T.W 高少咪





**21ST ANNUAL
Radio Control
SWAP MEET**

21ST ANNUAL Radio Control SWAP MEET

St. Mark's Church

2363 W. 3rd St., Davenport, IA

**DAVENPORT RADIO
CONTROL SOCIETY**

Tables \$10.00 Reservations required!

Table rental includes sellers admission and 1 chair

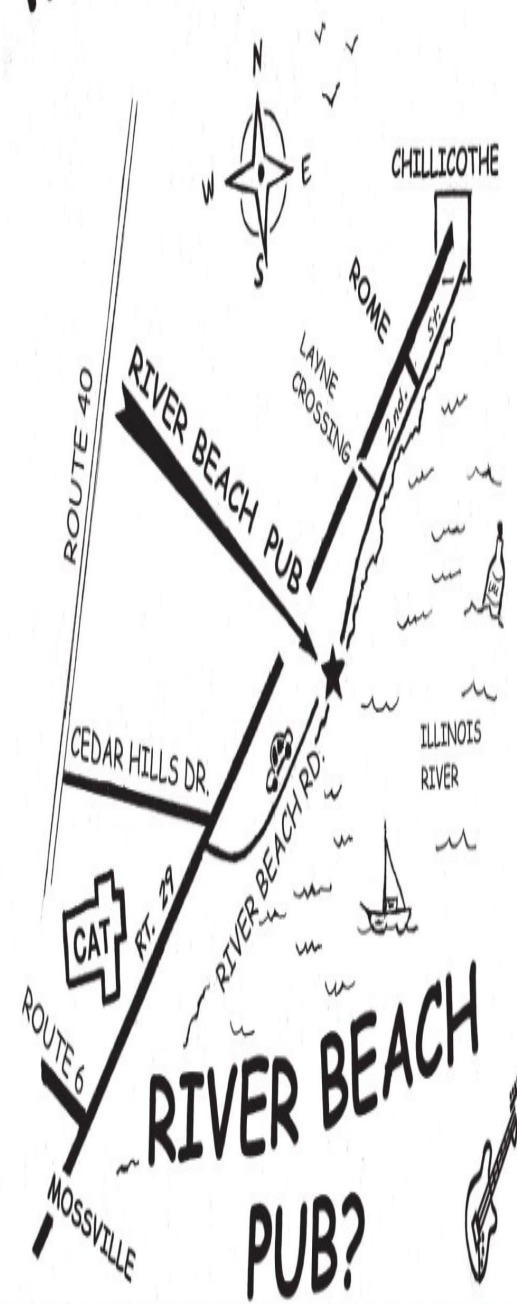
General Admission \$4.00 10 A.M. to 2 P.M. February 13, 2016 Set-up time 8:00 A.M. For further information or reservations call Dave Colgan

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dcolgan51@gmail.com



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Happy
New Year!

From our Co-Pilot
of the Month



*"That's all
for 2015
Folks!"*