



Photos
Of the
Month



Indoor Flying PRCM STYLE



AMA Charter 313

ESTABLISHED
SINCE
1954

President: Mark "Keester" Kiefer
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Vice President: Neal "Sandman" Rudy
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SEC/TREAS & Jim "Smokin-Jimmy" Fassino

FACEBOOK Fassino@me.com

SAFETY: Bryan "Chummer" Chumbley
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MAINTENANCE
& Joe "Fantastic Languini" Lang
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Newsletter Jon "Dew Drop" Dewey
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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:

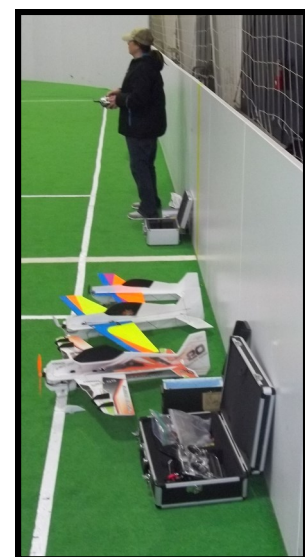
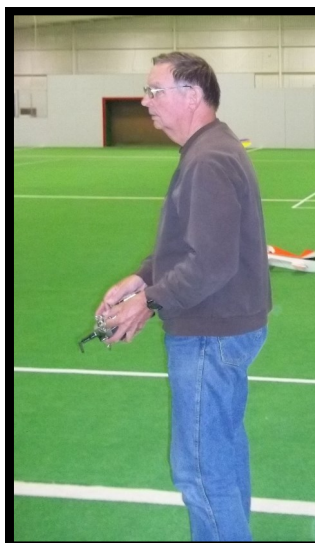
Club dues are \$110/year. If paid on or before the December club meeting: \$90, If paid between December meeting and Jan 1st, \$100. All members must belong to the Academy of Model Aeronautics (AMA)

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.

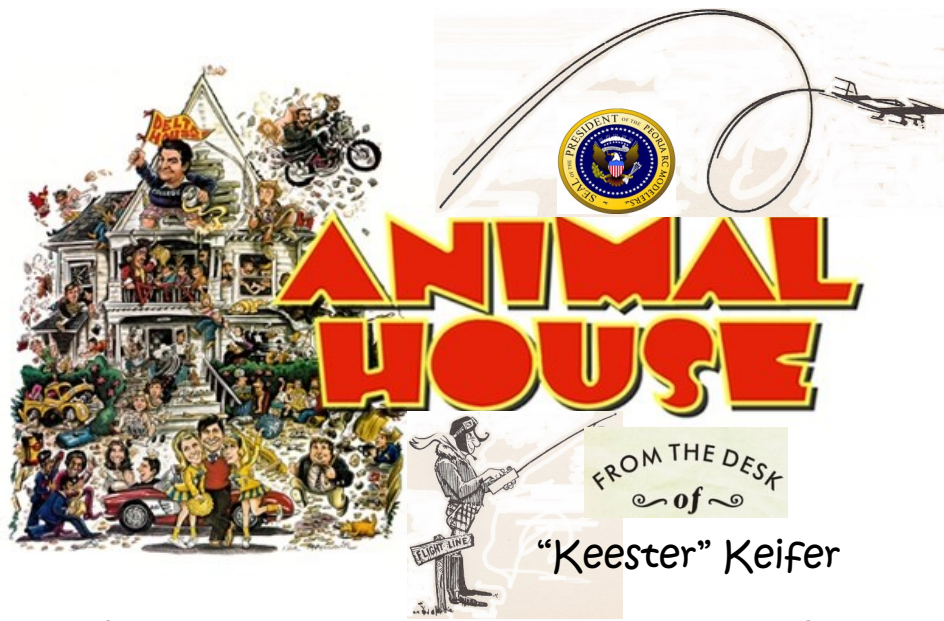
Flight Instruction:

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




For only \$10 a night

You can be part of all of this!

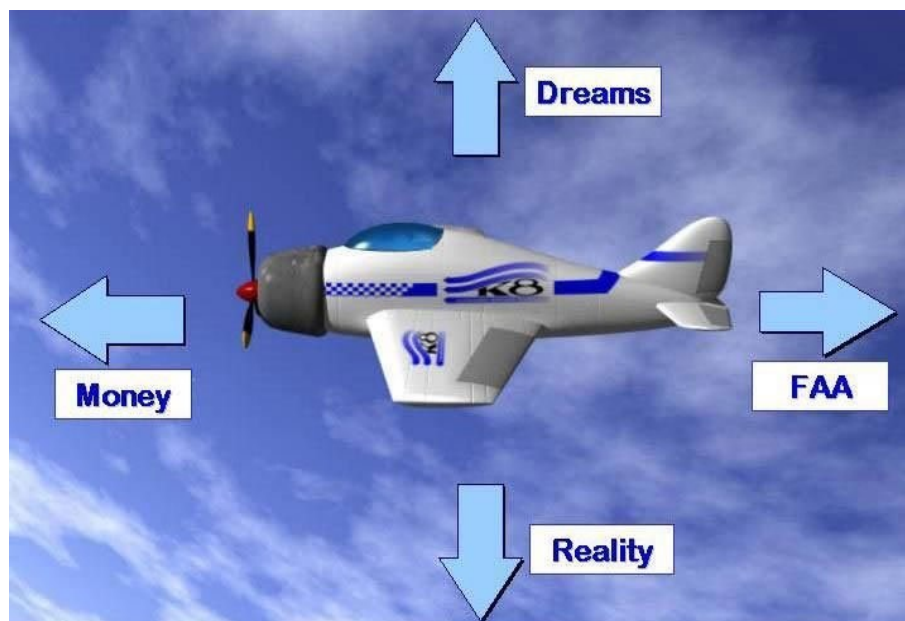


I'd like to start off my dialogue with some interesting information on flight and the four aerodynamic forces of flight, that being weight, lift, drag, and thrust. To me, flight is the ultimate defiance of nature mankind has somewhat mastered to fulfill man's purpose. Without flight we would:

- A.** Have not experienced the quick end to World War II with Japan.
- B.** Not have known the Enola Gay.
- C.** Have not experienced landing on the moon.
- D.** Not still be intrigued with the lady we call Amelia Earhart and her mysterious disappearance.
- E.** Not experience the full aspect of what radar capabilities can do.
- F.** Not have the job description of Air Traffic Controller.  **HOOAH!**
- G.** Not have what is known as the National Air and Space Museum.

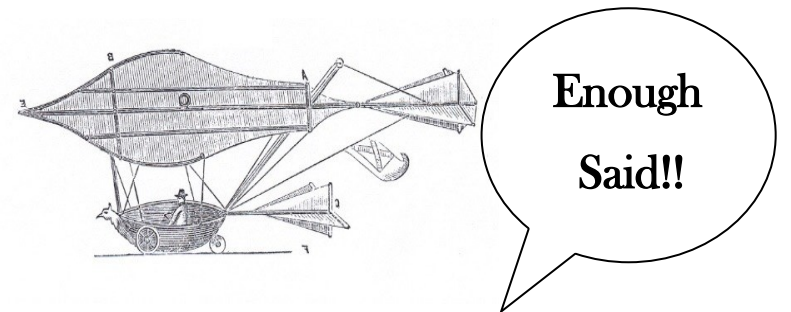
Historical information on flight reveals that Sir George Cayley, 6th Baronet of Brompton (27 December 1773 – 15 December 1857) was a prolific English engineer and one of the most important people in the history of aeronautics. Many consider him the first true scientific aerial investigator and the first person to understand the underlying principles and forces of flight.

In 1799 he set forth the concept of the modern aero plane as a fixed-wing flying machine with separate systems for lift, propulsion,



and control. He was a pioneer of aeronautical engineering and is sometimes referred to as "the father of aerodynamics." Designer of the first successful glider to carry a human being aloft, he discovered and identified the four aerodynamic forces of flight: weight, lift, drag, and thrust, which act on any flying vehicle. Modern aero plane design is based on those discoveries including cambered wings.

He is credited with the first major breakthrough in heavier-than-air flight and he worked over half a century before the development of powered flight, being acknowledged by the Wright brothers. He designed the first actual model of an aero plane and also diagrammed the elements of vertical flight.



Sir George Cayley

Mark **31**

ASTRO Van



Hobbies

Call Roger for all your Spinner
And electrical needs



Photo by Jim Fassino

"what a great tribute to the movie Airplane. Really looked odd in the air." JCF

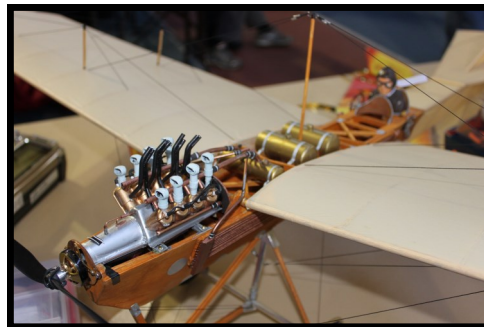


Photo by Terry Beachler



"A Big Smile"

Photo by Terry Beachler



"Two GREAT Guys"

Photo by Terry Beachler

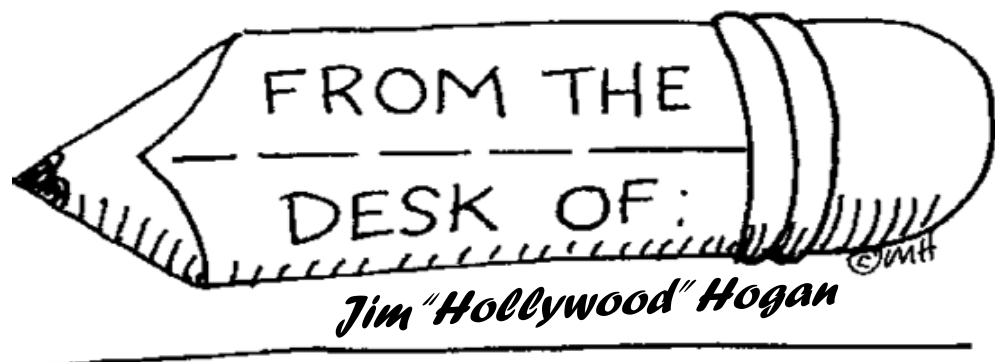
Fun For All

Mark 31

Next I'd like to expound on E-Fest in which nine club members I know of that attended. E-Fest was awesome as usual. With numerous booths of product for sale, I saw a lot of individuals purchasing product and stimulating our hobby economy, in particular Vern Holman price negotiating on an assortment of prop saver O-Rings. Terry Beachler at the "Make It – Take It" booth, hmmm. Roger Wheeler at Luke's RC

booth negotiating prices with Luke's Mom on accelerator. Accelerator??? I won't go there. Of importance was the fact all were talking first person view, and the fact technology has made this concept something to further the interests of those looking at our hobby with interest. A fun fact was when the money drop happened, our own Joe Board scooped up an undetermined large amount of cold hard cash, with no evidence of casualties experienced by those in attendance. One last mention I'd like to bring up. Our Friday night indoor flying is experiencing serious NON ATTENDANCE. This is an activity the club voted on and passed. Our own Jim Fassino bravely fended off a rather large fee increase communicating the new break even each Friday at 15 paying attendees. We voted not to increase the per night fee which is still at \$10 bucks. All club members need be aware if you're interested in future club sponsored indoor flying activity, you need to attend NOW. Yes, even "non-family" entertainment / activity has been discussed, only to quickly sweep under the rug so as not to cause any future potential family occurrences involving legal firms. Our hobby's expensive enough without incurring legal fee's. I'm sure as we review the financials of indoor flying, discussion will ensue as to keep or not keep. For me, I'd like to see this as a successful club activity. **Enough said.**

Have a safe and wonderful February and look forward to my next Presidential publication. I'll think of something. For now, check your control surfaces before you fly.



"First to fly - Florida Style"

Mary and I made it safe to "The Villages" which is about 40 miles northwest of Orlando. I heard of a model airplane club here so I looked them up. "The Villages E Flyers" is an all electric club because they fly on the polo grounds. Gas and glow are not permitted as not to disturb the horses in the stables right behind the field. Members fly on a polo field about 500 feet wide and 1000 feet long. Small wheels roll just fine in the short grass. It is perfect for the environment they fly. I learned the club is 170 members strong. On the first day I flew, there were 27 flyers. The polo grounds only allow flying in the mornings. It is nice because the field faces west with shade trees and the sun at our backs.



Polo, Snow Bird Style

Everybody is from someplace else, I have not met one native Floridian yet. I teamed up with a guy from Rhode Island and a Canadian from Toronto. Both are long time pilots and our flying skills are similar. The Safety Officer is a retired cop who enjoys telling you to call your takeoffs and landing, stand back from the 5 flight stands, and don't stand in the road. He likes to correct your every move. If he could give tickets, I'm sure I'd have a pocket full already. I'm sure he misses being a small town cop.



Dues are \$35.00 for a lifetime membership. That is value, because these guys are old and a higher price might not bring value because of the life spans around here. Nobody buys more than a six pack of beer here because you may not have time to drink it. The club requires AMA membership and an AARP card. You don't want to let the 60 year old kids fly here. Just kidding on the AARP card. I found a real RC club about 10 miles south of here. The "Southern Eagles" fly on a land fill and is heavy on big birds. The local hobby shop is a well stocked RC airplane provider. I found everything from ready to fly electrics up to and including "Top Flight" Giant scale war birds. I think I'll hang with the Eagles more even though I did not bring a gas airplane. Don't get me wrong, the E-Flyers are a good group.

Just imagine a club made up of only old guys like Vern, Glen, Bob Wilson, Roger Stegall, and myself.

Now that is scary!

Well. it's cocktail time and the hot tub is calling.



Jim "Hollywood" Hogan





Street Hawk Remote Control Flying Car

by



There is a R/C airplane - car that Mattel sells called the Street Hawk Remote Control Flying Car. When my wife bought it for our 5 year old grandson for Christmas I expected another mass produced disappointing airplane much like the PT-19 control line airplanes of the 1960's that frustrated young boys. But after playing with this airplane/car was I surprised to find that it drove well, flew well and can take lots of abuse. It can bounce off the steel beams and keep on flying, it can crash and frequently ends upright and is ready to fly again.



We have flown the Street Hawk out side in light winds and indoor on Friday nights too. My 5 year old grandson can fly it by himself and I'm not concerned about damaging the airplane nor any spectators. Control is straight forward; power for pitch and differential thrust for yaw. The battery is a 300 mAh lipo that is charged with the transmitter or you can charged it with the transmitter connected to a USB devise to save the transmitter batteries. My granddaughter liked flying the Street Hawk and now has her own.

We have tried other foam indoor airplanes but they have all been short lived resulting in sad little faces. That is not the case with our Street Hawks; that is probably one of the best features of this vehicle. Another neat feature is you can push a switch on the transmitter and the Street Hawk is in car mode and the motors RPM are limited so it will stay on the ground even at full throttle. Driving it on the ground with differential thrust is a fast way to learn the control inputs needed when it is flying, rather driving toward you. Since you can simply steer it the opposite direction when guess wrong it is an easy way to get the feel for flying outside the airplane.

If you have little friends that might be interested in trying RC I can recommend the Street Hawk. We bought ours for \$49 from Amazon and our second one from Toys R Us for \$59.

I brought Street Hawk to E-FEST and Friday night I flew it lots of times until the battery ran out. It was able to fly right up to the 100 foot ceiling and was easily controlled with lots of other flyers. On Saturday with about 40 pilots flying the Street Hawk, the radio had more trouble making a good connection with the airplane/car. But if you kept the airplane close to the transmitter it worked well. Even when control was lost the airplane simply bounced on the floor and was ready to fly again.

Mattel has a winner with their Street Hawk Remote Control Flying Car; I only wish they had a Street Hawk when we all bought those PT-19 control line airplanes. There would be a lot more RC pilots to-day.

Katelyn

Age 8

*With her
Street Hawk*

Jim

Fassino





As we start the month of February most of us are knee deep into our winter projects. We are all looking forward to a nice spring day in which we can show off our projects and watch our hard work take to the air. A group of volunteers are also looked forward to this spring for the same reason. "Doc" a B29A built in March 1945 is planning to return to the air around his 70th birthday. "Doc" was one of 3970 B29s built during the World War II era. The B29 superfortress was the largest and most complex aircraft ever built. It's wing span was longer than the Wright Brothers first flight and 30 feet longer than the Mayflower. It is powered by four Wright R-3350 18 cylinder engines that produced over 8800 total horse power. It was the first "Global Bomber" ever built and the first to be pressurized for its crew's comfort. After "Doc" was built, he entered service with a squadron of seven other airplanes. All the planes in his squadron were named and nose art painted for Snow White and the seven dwarfs.



After serving in WWII and Korea, "Doc" was retired into the Mojave Desert, where he sat for 43 years. "Doc" was rescued from the desert and trucked back to Wichita where he was originally built.



He then sat idle for over two years due to a poor economy and limited hanger space. In 2000 a very long and costly restoration began with the hopes "Doc" would fly again. Thanks to a dedicated group of volunteers that calls themselves, "Doc's Friends", he will fly again this spring. If all goes well, he is planning to fly in formation with "FIFI" at the EAA AirVenture 2015. The B29s were retired in 1960 by the US Air Force and this will be the first formation flight in over 55 years. Out of the 3970 B29s built, "FIFI" and "Doc" are the only two left flying in the world. The original price tag for one B29 was \$639,188. That amount does not even put a bent into the total cost of his restoration and the cost of a new hangar to store him. My fingers are crossed for a successful re-maiden flight. I am looking forward to witnessing this historic formation flight at Airventure. I hope you all can join me at Oshkosh this year.

Jon F Dewey
























PRCM CO-Pilot of the Month

U.S. COAST GUARD



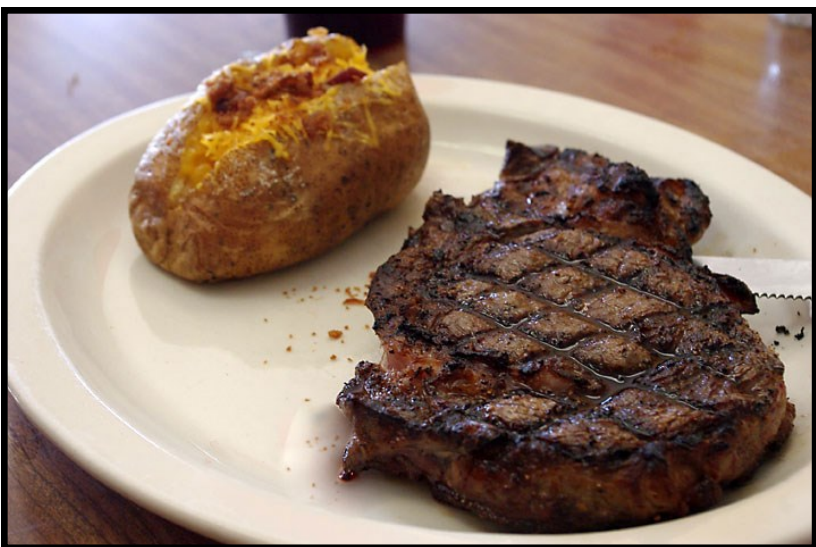
<div>  <div>2015 FEBRUARY</div>  </div>						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2 	3  Club Meeting Dinner @ 6pm	4	5  7AM	6 Indoor Flying 	7  7AM Swap Meet Wheaton, IL
8	9	10	11	12  7AM	13 8pm-11pm 	14  7AM 
15	16 	17	18	19 7AM  6PM 	20 \$10 	21  7AM Kane County Swap Meet
22	23	24	25	26  7AM	27 Indoor Flying 	28  7AM

PRCM 2015 ANNUAL BANQUET

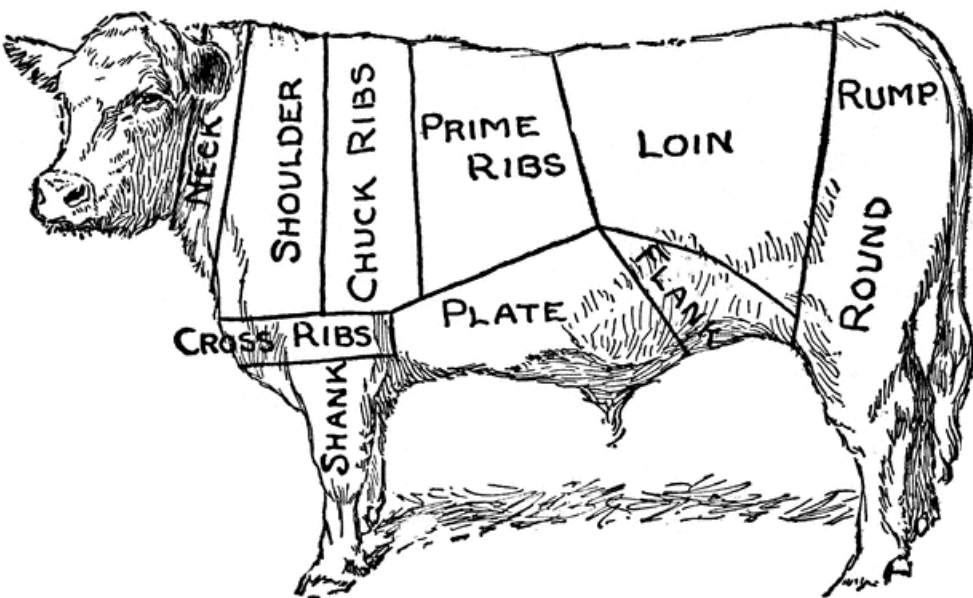
ALEXANDER'S Feb. 19th 6pm

Our Annual Banquet will be Thursday February 19th at 6pm. Food, Fun, Drinks and Awards. If you haven't Voted for this year's Modeler of the year and Spark Plug Award, make sure to either attend the Feb club meeting at TGIF's and vote or email your vote. Also please RSVP at the club meeting or email Mark or 'Doc' Hope to see everyone at Alexander's.

Mark "Keester" Kiefer or Neal "Sandman" Rudy
markkiefer@hotmail.com KF9XF@mac.com



PEORIA, IL 309-688-0404
NORMAL, IL 309-454-7300
SPRINGFIELD, IL 217-793-0440
CHAMPAIGN, IL 217-359-1789



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 copy-

So Wong:

My husband has amassed quite a collection of RC toys. Fixed wing, helos, drones, you name it we probably have it. I have even found a 550x in my bathtub because we had guests coming over and he had to get it out of the living room! How best do you recommend to store everything without compromising their structure and my sanity?

Sincerely- **Droneverwhelmed**



Dear: Droneverwhelmed,

I feel your pain. A stubbed toe and smashed wing isn't fun. Fortunately your local hardware store has everything you need. With a few nails, screw, pvc pipe, pipe insulation, plastic containers and trim you can have your husband's collection organized in a weekend. Now there are definitely fancier options such as custom foam cases, but for the hobbyist these DIY (Do it yourself) solutions will work. Usually you don't have the floor space to spare so look vertical and utilize wall space. The pictures I've attached show a few options. Good luck and hopefully you didn't turn on the shower before you found the 550x.

S.T.W

高少咪



So Wong:

My friend and I went flying at your indoor facility last Friday night. First of all, let me say we had a lot of fun for only \$10 each. I was flying my "Glenn Howard" special and he brought down the Rivermen hockey blimp. I didn't know he was the pilot and flew it between periods of the hockey games. He said he had to practice for the "SUPER" game coming up this Sunday. As the night went on, I noticed his blimp looked a little "low"! It just seemed to be flying a little bit easier and he was able to land and catch it faster than he ever has at the civic center. Do you think this was do to the low PSI or did the temperature difference between the hockey game and our facility make the difference?

Signed: **A little under inflated**

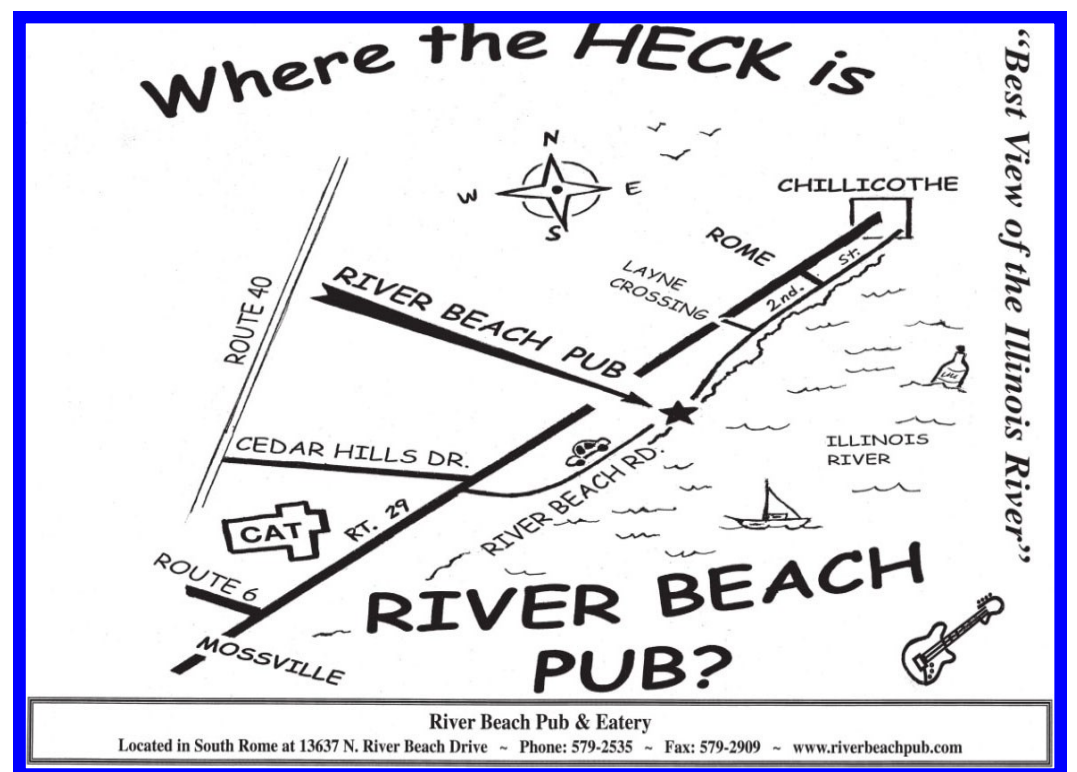


Dear: Under-inflated,

You can not tell by just looking at his blimp if it is completely full and hard to the touch. You would have to leave that call up to the trained professionals. Isn't PSI just a matter of personal preference? Blimps are all full of hot air, and I don't think the AMA has regulations on the amount of PSI required for a RC blimp. All I can tell you is he was lucky he was not flying an under-inflated football at 3am on the White House lawn while he was drinking sake.

Sum Jing Wong

高
少
咪



DO YOU BAGEL?

Join the retired, laid off, laid up, lame, unemployed or unmotivated PRCM crew at Paneras on Knoxville every Thursday morning at 7:00 AM.



Have a cup of Joe and a bagel, check out the chicks and listen to all the world's problems being solved.

If you're not there, we're going to talk about you!

