

**President** Bob Werner  
**Vice President** Bob Demola  
**Secretary** Neil Stokes  
**Treasurer** Brian Beer



**Date** January 7, 2015

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**AMA Charter #** 729

**Web site -** [www.wjrc.org](http://www.wjrc.org)

**Boody Mill Road GPS: 39.77425 -75.204722**

## Minutes of the West Jersey R/C Club December 9, 2014

The meeting was called to order with 45 members and a prospective member in attendance at 8:17 pm by club President Joe Mauriello after everyone enjoyed a great holiday meal. The minutes from the November meeting were read by the Secretary and accepted by all present. Club Treasurer Brian Beer went over the transactions for the checking account with an ending balance as of December 1<sup>st</sup>. Brian Beer also reviewed the club's operating expense for the past twelve months with a positive balance. Vice-President Bob Demola reviewed the membership, with Phil Travaline, Jeff Frazier and Brian Williams all attending their third meeting and becoming full voting members while Thomas Gabriel sat in on his first meeting. Bob Demola said that the club is now at 103 members with 2 prospective members. Bob Demola is now taking membership dues for next year; and, you must show a 2015 AMA card to renew. Bob also said that, if you have renewed your membership and did not get a sticker for your AMA card, please see him. Dennis Buttocola said the field has no changes and he will winterize the equipment for the next season. A big THANK YOU goes out to Mark Schools for taking on the challenge of fixing the urinal in the portable toilet. Thank you to Bruce, Sue and Sandra for making a delicious holiday meal for all of us to enjoy. Field Marshals Bob Werner and Jay Honigan said that all has been good at the field with no issues. An updated instructors list was sent out for all the new members to coordinate times with instructors to meet at the field for lessons.

### Old Business

Bob Bradshaw is organizing the First Fly for January 1<sup>st</sup> starting at 10:00 am sharp. If you are interested in competing he said there is still room for more planes, please contact Bob for more information.

President-elect Bob Werner said that he wanted to address the possibility of using ID cards while you're at the field, and will look into it further next year.

### New Business

President Joe Mauriello went over the newly elected officers for 2015 with Bob Werner coming in as the new President, Vice-President Bob Demola, Treasurer Brian Beer and Secretary Neil Stokes. President Joe Mauriello said that the club needs to find more Field Marshals, if interested please let him know. Neil Stokes got information on the service for the portable toilet and passed it along to the treasurer after all there voted to continue with English Sewage for the next year. Paul Gross had all the entries for the plane of the month and the lucky winner was drawn with Brian Beer taking the bragging rights and a check for \$25.00. Paul Gross thanked Joe Mauriello for his hard work and service as President. Brian Beer ran the 50/50 with Dennis Buttocola winning \$37.00. With the upcoming holidays there will not be a Bull Meeting in December and the next Regular meeting is January 13<sup>th</sup>. With no further business the meeting was adjourned at 8:51 pm.

Respectively Submitted,

Neil Stokes WJRC Secretary



## Flying Field Condition:

The field is in fine condition.

Hopefully, Field Maintenance Director Dennis Buttocola will get a bit of a break from field work during these colder months.

## CLUB DUES:

Club Dues must be fully paid by the Feb 10 Business meeting to avoid a \$20 Late Fee. Proof of AMA membership must be shown when paying club dues.

If you've already paid your club dues, make sure you've received and have applied the WJRC sticker to the empty area on the front of your AMA card.

## Tuesday, Dec 9: Club Christmas Party

It was a great get together thanks to the work of Bruce Sheppard and his friends Sandra and Susan. We had a great turnout of members; and, the party went very well - no one went home hungry.

## WINTER WOE'S

With flying time being limited to indoors and by outside temperatures, know your limitations and be prepared. Dress according to weather conditions; let someone know where you are. Charge and carry your cell phone. Refrain from flying alone. The last two pilots, check to make sure the vehicle's start and exit the field together. REMEMBER - BE PREPARED.

Have a Happy and Safe New Year, Mark

## If You Want to Send an Email to All WJRC Members:

(Reprinted at intervals for the benefit of newer members.)

Should you want to send an email to all WJRC members, use this address:

[wjrc.members@lists.axiomagic.com](mailto:wjrc.members@lists.axiomagic.com)

PLEASE NOTE: If you use the above email address you must not have any other email addresses included in that email's address list - whether it is TO:, CC:, or BCC: because it will cause the email to be rejected and subject to the approval process. (Just like what happens with a new member.)

If you're a new member, the first time you use the above address you may get an automatic email back to you saying your email will be sent out after your email address has been approved. This is normal, as your email address will be verified so only club members can successfully use the address.

(Above provided by Bill Froeder)

## WJRC CHRISTMAS PARTY

"Thank You"

**Bruce, Sandra and Susan for all your work in providing us with a great meal.**



Along with entrees like meatballs and roast beef, there were a number of sides along with plenty of desserts:



This year it was a round table event with a lot of RC talk and with great eats. (I can still hear the chewing.)





**WJRC Flying Field Videos** are on Gregg Clement's YouTube channel "Gregg660" (no spaces):  
<http://www.youtube.com/user/gregg660/videos>

**A Couple of Flying Recaps:**

Saturday, Dec 27:

It was a beautiful day with the temperature at 55, a clear sky and no wind - certainly not typical for the season. There was a great turnout of flyers with all the field benches taken. Some of the entrants to the First Fly Race were here testing their aircraft and practicing their "moves". That's a good idea since all their skills - along with a generous amount of luck - have to be crammed into that single minute of the race.

**Thursday, Jan 1: First Fly Race**

Gusty winds along with 30 degree weather presented a challenge to our racers. No doubt it was also the reason for the smaller crowd of onlookers this year.

This year's contenders and their planes:

- Dave Tracey: 52" Great Planes Escapade with a .46
  - Barry Prather: 56" F-16 with a .61
  - Bob Bradshaw: 60" Seamaster with a .60
  - Bob Werner: 46" profile with a .60
  - Tom Gabriel: 40" electric Regal Eagle
- (Chris Green had planned on racing but unfortunately didn't have sufficient time at home to prepare his plane.)

Race rules are that the first plane to taxi into the Pits wins. Officiating was club secretary Neil Stokes who gave the "Go!" to start the race at exactly 10 AM. The racers immediately throttled-up their planes but the engine in Dave Tracey's Escapade shutdown. The other 4 planes lifted-off without incident; but, just a second or two later Bob Werner's profile suddenly pulled hard to its right and went down in the farm field. Of the 3 remaining planes, Tom Gabriel's small electric led the way around the course. But, just after it made its final turn, a sudden stiff wind gust sent the small electric into the ground at the end of the runway. Two seconds later Barry's F-16 came over the runway but went long, costing it precious seconds. A couple of seconds behind the F-16 was Bob Bradshaw's Seamaster coming in slow enough to land and taxi straight into the Pits for the win.

From "Go" to "Win", the race took 42 frenetic seconds.

**Congratulations to Bob Bradshaw  
 Winner of the 2015 First Fly Race**

"Thank You" to Bob Bradshaw for setting up the race again this year.

Gregg Clement emailed to all a link to his video of the race. It can be viewed on his YouTube channel. (The address is at the top of this column.)

First Fly race contestants: (photo from Sheldon Parker)



Race winner Bob Bradshaw readying his Seamaster: (photo from Sheldon Parker)



Bob Werner on his first official day as Club President going over race details with Club Secretary Neil Stokes:



A shot of almost everyone who showed up:





## Sunday, 11/23/14: FPV Flight at Our Field

For anyone who doesn't already know, a plane or heli with a First Person View (FPV) setup has an on-board camera; and, the flyer, instead of watching the plane in the air, looks at a screen or wears video goggles which give the view from the aircraft's camera. Like any other piece of electronics, FPV setups can be had at various levels of sophistication (\$\$\$). (For more info, AMA's Model Aviation magazine Feb 2015 page 95 has a comprehensive article on the recoding of video during an FPV flight.)

Tom Goraj's FPV setup was in a foam high wing with a pusher prop (photo right). Although there's been other FPV flights at our field, this one's the first I witnessed close-up from takeoff to landing.

For all but the takeoff and landing, Tom flew the plane solely by watching the image in his video goggles. I was his spotter. The cockpit camera was aimed forward and down and had about a 25 degree field of view. From his transmitter, Tom was able to 'manually' rotate the camera a small amount during flight. Since he's flown this FPV several times before, Tom stayed pretty well oriented as to the plane's location over our field by watching the ground via the onboard camera. He said his first flight or two had given him some queasiness (akin to motion sickness); but, he's over that phase with the FPV. Tom's plane has an easily removable cockpit (photo right) which had been manufactured to hold all the FPV components. Tom added that his was a starter setup. (He has since upgraded it.) He had emailed to all, the 3 minute flight video obtained while flying over our field; here it is again if you're curious:

<https://www.youtube.com/watch?v=XEKfH4PnyoE&feature=youtu.be>

Tom explained there are some FPV setups that also show you altitude, GPS position, direction, speed, etc. all displayed on your screen or goggles. You can even get ones that, if you turn your head, the on-board camera turns too. Tom got his FPV electronics from:

<http://www.fatshark.com/>

His easily removable cockpit (FPV pod) came from:

<http://www.readymaderc.com/store/>

On Dec 16 Tom emailed me this update:

He recently upgraded his FPV system to include a better camera and HD goggles and has added GPS and telemetry to his on-screen display. He's also added a 1.3 GHz system with a directional antenna (photo right) which tracks the plane's whereabouts and points in the plane's direction. He's also gotten a UHF system to increase the reliability of its radio control for longer range flights. In late December Tom made an additional upgrade to a larger, twin-tail plane.

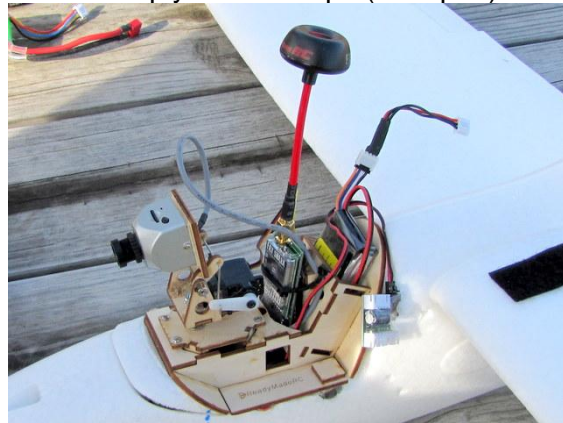
("Thank You" to Tom Goraj for the above info.)

Happy Flying - and wintertime building,  
JJ

Tom Goraj with his first FPV plane:



Tom's earlier FPV setup in its magnetically held, quickly removable plywood cockpit (FPV pod):



Tom's newly acquired directional antenna that track's and points towards the FPV plane. (photo from Tom Goraj)



## WJRC Scheduled Events:

Tuesday, Jan 13: Business meeting @ 8 PM  
Tuesday, Jan 27: Bull meeting @ 8PM