

THRUSTLINES

Indianapolis R/C Modelers Chapter 288

WWW.INDYRCMODELERS.COM

March 2010

The Editors Corner

Looks like the weather is turning and our outdoor flying season is getting underway. If you have not inspected your squadron of aircraft after putting them away for the winter now is the time to give them a once over. Check for loose screws on servos and other hardware and don't forget the wheel collars on the landing gear, check for any wiring that is worn, look for covering that is loose, check the hinges to make sure everything is tight. Check the fuel line and fuel tank for cracks and leaks. If it is a gas burner and is more than 2 years old you probably need to replace the fuel lines and tank stopper as they get very stiff. If it is a glow plane and more than 3 or 4 years old you may want to replace the fuel lines. Lastly, don't forget to check the batteries in both the RX and TX. You should cycle the RX using a cycler and if they don't show 90% of the rated capacity replace them. You can check the TX by just turning it on (antenna extended on a 72mz system) and see how long it goes until the voltage drops below recommended minimums. In any case, if the batteries are more than 3 years old they should be replaced. Better to spend \$50 on a new set of batteries than hundreds on a new plane. You will notice I have added an extended list of area RC and full scale aircraft activities. It is fun to visit other club sites and join in with their activities. Finally, start getting together your new planes and your excess RC gear for our club Maiden Day—Swap Meet scheduled for Saturday, 24 April.

Blue Skies - Ted Brindle, Editor



Contacts:

President: Bill Gentry (317) 508-2111

Email: billygentry@sbcglobal.net

Vice President: Mike Karnes (317) 716-6220

Email: karnes1025@tds.net

Treasurer: Ron Cassell (317) 861-6053

Email: jmcassell@comcast.net

Secretary: Tim Cansler (317)356-9454

Email: tim.cansler@gmail.com

Field Marshall: Norm Warfield (765)763-6192

Email: norm46@peoplepc.com

Newsletter: Ted Brindle (317)894-2311

Email: iflyrc5@comcast.net

Website: www.indyrcmodelers.com

In this Issue.

Prez Sez

Photos

Event Announcements

The April Meeting will be held on Monday, April 5th at 7 pm.

The Prez Sez

The flying season has started at Blue River Air Park. We've already had a Maiden Flight and a lot of successful flights on some very windy days.

For those who haven't paid their AMA or Club dues now is the time as the season and weather will only get better.

We have had a couple of new or returning members join us, but we still need an active recruitment program, if you have any suggestion please feel free to share them at the April Meeting.

Field information:

Norm has contacted the gentleman that rolled our field last year and he volunteered his services again this year.

Caulking and painting of the remodeled sheltered should be completed by the first week of April.

Lock combinations should be changed by April, and as soon as this happens you will be notified.

New runway center line markers have been installed along with a new wind direction device (Tetrahedron) Thanks to Mike.

Gas pads should go in soon..

Mike and Tim hosted a Seminar on setting up your aircraft, we had about a dozen attendees and a lot of very useful information was shared. We would like to continue the rest of the year with these seminars, so if you willing to share let me know.

Remember to check our Calendar which is available on the club web-site for all the upcoming events for the rest of the year.

Blue Skies

Bill

If you haven't paid your 2010 club dues please get them in Today and also check to make sure that your AMA membership is still current for 2010

IRCM Monthly Meeting for March 1, 2010

Meeting was called to order at: 07:04PM by Bill Gentry, President

Treasurers Report:

Expenses this month were:

85.28 Port-a-potty service.

Membership paid: 45 single and 6 family members.

Treasurer's report was accepted.

Secretary's Report: Meeting minutes from February were read and accepted.

Old business:

The club still needs to work on recruiting new members.

We also need to complete shelter when the weather breaks.

The gate combination will be changed April 1st.

Norm W., asked if we wanted to have the field sprayed (fertilized and weed kill). Norm is going to follow up on details and report results at the April meeting.

Guest:

Tim Marshall invited by Ted Brindle to meeting.

Mr. Bob Harkey, guest speaker tonight.

New business:

Please check and verify your email address on the club roster you did not get the newsletter. Roster also has a space for your birthday if you wish to include it.

Indy Air show:

2nd weekend of June for Indy Air show.

Radio controlled tent again this year.

We need to have informational handouts and sell raffle tickets

There will be RC flying at the beginning of the show like we had last year.

There will be 2 flight lines with ww1, ww2, sport (large), Turbine and helicopter if possible. Jack Sallade was asked to handle coordination of flying.

Please bring your aircraft for display.

Ted would like to include pictures of members on the website.

Maiden Flight Day was originally Saturday April 3rd, but that is Easter weekend.

The new date is April 24th (25th rain date) 10 am on Saturday (noon on Sunday)

IMAC contest update:

18-19 pilots that have pre registered. Still estimating 40 – 50 pilots for IMAC.

Reminder of the meeting on March 20th at the Club shelter about IMAC.

Roy Wilson Annual Float Fly's

Sunday June 27th

Sunday September 26th

More Details to follow.

Hoosier Dawn Patrol 2010 September 10-12 at site 4 at the AMA in Muncie, IN.

www.hoosierdawnpatrol.com

Regular business was concluded at 7:25pm.

Speaker Presentation by Bob Harkey.

One business item that needed covering was the thank you letter from the church for our donation.

50/50 won by Ron C.

Meeting concluded at 7:40pm.

Prop Choices from Mike Karnes

This is a good reference Chart for Prop Selection. These are just numbers to start with, selecting the right prop for your plane, engine and style of flying will be strictly trial and error. What I do is start with the break in size and use it for 1gallon of fuel for glow and 5 gal for gas. Then you can decide what style of flying you are going to do most. If it is just sport flying, you can just stay with the break in prop size or you can add 1 or 2 inches to the prop and keep the same pitch. If you are into 3D flying you will want to increase the length and decrease the pitch. For PRECISION flying you keep or decrease the length and increase the pitch. Engines below .90 down to .15 are mostly used as sport choices and will use the standard 6 or 7 pitch. They will almost always follow this scale .60–11x7 .50–11x6 .40 to .46–10x6 .35–9x6 .25–8x6 .15–7x6.

Prop Chart for 2 stroke Glow engines

Engine Size	Break-in Prop	Propeller Choices
.90 - .91	14x6	13x8,15x6,16x5
1.08	16x6	15x8,18x5
1.20	16x8	16x10,18x5,18x6
1.50	18x6	18x8,20x6
1.80	18x8	18x10,20x6,20x8,22x6
2.00	20x8	18x10,20x6,20x10,22x6

Prop Chart for 4 stroke Glow engines

Engine Size	Break-in Prop	Propeller Choices
.90	14x6	13x6,14x8,15x6,16x6
1.20	16x6	14x8,15x6,15x8,16x8,17x6,18x5,18x6
1.60	18x6	15x6,15x8,16x8,18x6,18x8,20x6
2.40	18x10	18x12,20x8,20x10
2.70	20x8	18x10,18x12,20x10
3.00	20x10	18x12,20x10

Prop Chart for 2 stroke Gasoline Engines

Engine Size	Break-in Prop	2 Bladed Propeller Choices	3 Bladed Propeller Choices
17cc	14x6	13x6,14x7	NA
20cc	16x8	15x10,16x10,17x8	16x10
26cc	18x6	16x12,18x8,20x6	16x10
32cc	18x10	18x12,20x8	17x10
40cc	20x8	18x10,18x12,20x10	18x10, 19x10
50cc	20x10	18x12,20x10, 22x8, 23x8	19x10, 20x10, 21x11.5
60cc	22x10	20x12, 22x12, 23x10, 24x8	21x10
70cc	24x8	24x10, 26x8	22x10, 22x12
80cc	24x10	24x12, 26x10	22x12, 23x12, 24x10
85cc	26x10	26x12, 27x10, 28x10N	24x12, 25x10, 25x12
100cc	26x10	26x12, 27x10, 28x10	25x10, 25x12
111cc	26x10	26x12, 27x10, 28x10	25x12, 26x12
150cc	30x10	30x12, 32x10, 32x12	28x12, 28.5x12

From our VP—Mike Karnes

Trimming seminar turned out to be a great success with several club members showing up to learn How to Set Up Your Airplane Better. We even had some from other clubs. The response was very positive and they all were interested in having more classes in the future. It was fun for Tim and myself to see a lot of light bulbs going off as we talked. If you weren't there, you missed a lot of information.

We have yet to have decent weather to hold the Advance Instruction on Mondays. Looks like the first might not happen till April 12, due to the Club Meeting on April 5.

So plan on attending if you are looking to improve your flying.

Our IMAC contest is fast approaching. Still looking for volunteers as well as IRCM members to try it out and register to fly. I will be holding a short meeting in early May so everybody that is going to help will have a better idea how a IMAC contest is run.

If you think you might want to fly, contact me and I will help you set up your plane and learn the sequence.

Indy RC Modelers Club Events

April 24— Maiden Day and **TAILGATE SWAP MEET** at IRCM field Swap Meet Starting at 10:00am till dark. All area clubs are invited to bring your planes out for everyone to see what you been doing this winter and get that first flight on it. Also bring the stuff you want to try to sell or trade. Concessions will be available. Flying to start at noon both days. It's a good idea to have someone else inspect your plane prior to its first flight. We would hate to see a mishap on its maiden.

MAY 22, 23 BLUE RIVER IMAC PRE –Registration is up to 18 and we have 1 as far away as Ontario, but I have only 1 from our club pre-registered. Come on, I know there are several of you that want to try to fly or are going to fly. So please go to the IMAC site and get registered. It will make it a lot easier to get the scoring program set up ahead of time. Still in need of a few more people to come out and help. From Mike Karnes



Indianapolis RC Modelers Editor
Ted Brindle
12215 Sunrise Drive
Indianapolis IN 46229

Coming Events

- 5 April—IRCM Club Meeting
- 9-11 April—Toledo RC Show
- 24 April—Indy RC Modelers Maiden Day and Swap Meet @ club field
- 3 May—IRCM Club Meeting
- 8-15 May—Joe Nall Event @ Woodruff, SC
- 22-23 May—Indy RC Modelers IMAC event @ club field
- 7 June—IRCM Club Meeting
- 11-13 June—Extreme Flight Championships @ AMA Site
- 11-13 June—Indianapolis Air Show @ Mount Comfort Airport
- 19 June—Electric Flyin @ Screaming Eagles Field in Plainfield
- 25-27 June—AMA National Electric Flyin @ AMA site in Muncie
- 27 June—Float Flyin @ Roy Wilson's place
- 17 July—IMAA Giant Scale Flyin @ Screaming Eagles Field in Plainfield
- 26 Jul-1 Aug—EAA Air Venture 2010 @ Oshkosh, WI
- 1 August—Indy RC Modelers Derby Days Air Show
- August—Fort Wayne Flying Circuits Electric Flyin
- August—Fort Wayne Flying Circuits IMAA Flyin
- 21 August—City-wide Fun Fly @ Screaming Eagles Field in Plainfield
- 3-5 Sep—Indiana Warbird Campaign @ AMA Site
- 10-12 Sep—Hoosier Dawn Patrol @ AMA Site
- 18 Sep—IMAA Chapter 48 Flyin @ Ellwood, IN
- 26 Sep—Float Flyin @ Roy Wilson's place
- 2-3 October—Evansville RC Club Giant Scale Flyin
- 2-3 October—IMAA Chapter 561 Flyin @ IRCM Club field