

THRUSTLINES

Indianapolis R/C Modelers Chapter 288
WWW.INDYRCMODELERS.COM
March 2019

The Editor's Corner

It is still cool so the April 1 club meeting will be at the church. Flying at 5pm—meeting at 7pm

The club has started a special fund to collect donations to update/replace our Geotex. You will find more details later in this newsletter in an article by Jack Sallade. Current balance is about \$1100

With the Spring comes the start of our outdoor flying season. Now is the perfect time to check out your aircraft and make sure they are ready to go. We also need to refresh ourselves on our field rules to make sure we are flying in a safe manner (they are on the club website under the documents—By Laws tab). We all need to get in the habit of putting our club cards in the board. This provides a quick check to make sure that everyone flying is a pair member. We also need to do a preflight check of our controls to make sure all control surfaces are moving correctly (don't ask me why I remind you of this). We all need to be safety conscious at the field so we don't have any accidents. If you see something say something in a helping manner to remind us of the rules.

We are going to need to do some maintenance at the field. 2 of the flight stations need repair, tears in the Geotex need fixed, batteries need to be replaced in the weather station sensors (we need a ladder), Club house needs to be cleaned and organized and I am sure some other things need done. We can set a date for this at the April 1 meeting.

Up coming events are the Annual Maiden Day (this is the day we bring out all the new planes built over the winter) on Saturday 13 April and the final Indoor flying at Center Grove High School on April 20

See you at the field!

Ted



Contacts:

President: Steve Woods; (317-460-9985)
6895 W. Burlington Dr., McCordsville, IN 46055

Email: swoods8892@yahoo.com

Vice President: Gary Bow; (317-430-0424) 754 Teal St., Shelbyville, IN 46176

Email: g.bow28@hotmail.com

Treasurer: Vern Doty (317-335-2049)
6403 W. 1000 N., McCordsville, IN 46055

Email: vedoty@myninestar.net

Secretary and Newsletter:

Ted Brindle (317)894-2311
12215 Sunrise Dr., Indianapolis, IN 46229

Email: iflyrc5@comcast.net

Field Marshall: Norm Warfield (765)763-6192

Email: norm461@frontier.com

Website: www.indyrcmodelers.com

In this Issue.

Meeting Minutes March 2019

Presidents Corner

Geotex Update

Range check your radio system

Event Calendar

The next meeting will be held on Monday, April 1 at the Church

**Minutes from the Indianapolis RC Modelers Meeting
4 March 2019**

Meeting was opened at 7:02pm at the church.

22 Members present—current membership is 47

Minutes approved as read

Treasurers report approved as read

Old Business—discussion on having air show. Cory Lucas will chair the event—Gary Bow will handle the food with assistance from George—Ted Brindle will announce.

New Business—date for the end of the year holiday party has been set as December, 14, 2019 at the Blue Bird.

Ted Brindle will apply for the Sanction for the Cub Flyin in June 22

New ruling from the FAA requires that we have our FAA registration number on the outside of aircraft if they meet the UAS requirement of heavier than .55 pounds.

Up coming events

Toledo Show April 5-7 Group going up—if interested contact Vern Doty or Steve Woods

Johnson County RC club (Atterbury club) is having their annual swap meet at the Columbus Fair Grounds on March 16

Meeting closed at 7:42

President's Corner

Well All —It's spring time

Time to Fly

Fly safely

Steve Woods

Geotex needs an upgrade... donations please.

By Jack Sallade

We have had geotex down at the field now for around 3 years and it has proven to be a big hit for many of our members. It has allowed for a much wider variety of planes to fly at our field and is a definite attraction for many new members. While I think a vast majority of members enjoy it, there are some issues that have arisen. Firstly, the material hasn't been quite as tough as we had hoped. There is some feeling that perhaps this material is just not as durable as other available fabrics and maybe we should try something else. As well, our original installation has a lot of holes caused by prop strikes, one large patch from an unfortunate lawn mower related accident and several areas where it is starting to split. The second piece is in better shape but has a fair number of similar spots. We could probably last through the summer this year with judicious patching, but it won't be long before we will almost have to do something more extensive to keep the geotex runway in good shape or abandon it entirely and move back to just grass. I, for one, do not want that to happen. I have some very nice airplanes that I could not or would not try to fly from a grass runway.

Toward that end we have begun taking donations toward replacing the material. If we purchase the US230 material that is supposed to be a bit tougher, we could spend between \$1500 and \$2000 to replace what we have. Obviously, the club budget alone cannot handle this level of expenditure so the only way to maintain this is through donations from those of us who use it most and have the means. To that end, if you are a fan of the geotextile runway and want to see it continue, I encourage you to contact Vern (our Treasurer) and contribute to the cause. Last report I saw, we are over halfway to the \$2000 mark already so even small donations are welcome and helpful.

Hopefully whatever new material we purchase will have a bit longer life cycle than what we have now, but whatever it takes I hope we will always be able to maintain this great new addition to the club field. Toward that end I encourage anyone/ everyone to do what you can to preserve our geotex runway. If your airplane has the capability to land in the grass without damage, please do so as prop strikes during landing seem to be a common cause of damage. If you see staples popping up, please push them back down and if a new tear or loose edge occurs, do what you can or let a club office know so we can repair it to minimize any further problems. Thanks for your support.

Range Check—Have you done it on your model?

By Ted Brindle

Range check—what is it and why should I do it. I am not an electrical engineer or RF engineer so I am not the expert here but basically it is a way to make sure that when we are flying our aircraft that we will have a good link between our transmitter (TX) and the receiver (RX) in the aircraft. If we don't have a good link then bad things can and probably will happen. Remember this past summer when the pilot from South America was at our field practicing for the IMAC World championships and the plane flew away on its own—a proper range check may have prevented this (and maybe not).

With our current day radio systems you will notice that the antenna(s) on the RX are very short and things like large lipo batteries, lots of wiring, large engines, landing gear, etc in the plane can block the signal from our TX from getting to the RX. Some of the Spektrum RX have a remote RX (and sometime 2 or 3) connected to the primary RX to prevent this blocking.

The process to range check varies by radio manufacturer so check the manual for your brand of TX to see how to put your TX into the range check mode (on the Spektrum TX this reduces the output power of the TX substantially from the normal output level). As for the plane, you want to check it from varying directions and according to Spektrum you want to have the aircraft a couple of feet off the ground. The process I use is to put the plane on one our starting stands with the RX powered on – walk about 30 paces from the plane hold the TX in your normal flying position. Put the TX into the range check mode then walk around the plane keeping the 30 pace distance (or you can have someone rotate the plane on the stand) and confirm that all the control surfaces are moving as directed by the TX. The object is to make sure you check the TX/RX from all directions. When doing the range check on a gas/glow plane it should also be done with the engine running and the plane restrained. On Spektrum RX you can check the orange light that is on the RX after doing the test—if it flashing then you lost the link between the TX/RX. Some of the TX will also allow you to see on the screen if you have had a drop of the link.

All this sound complicated but it really easy and should be done before flying a model for the first time and also after any repairs or equipment changes in the plane. A few minutes doing the range check may save you losing a plane your next time out.

If you need more details or have questions please feel free to ask me at the field and I can help you perform the range check.

RC and Aviation Events 2019

Apr 1—Club meeting at the Church

April 5-7—Toledo Show

April 13—Maiden Day at IRCM field

May 4—Avon Spring RC Event—Avon park

May 5—Club meeting at the IRCM field

May 11—All Electric Fly-in—Indy RC South Club Field

May 18—Fun Fly—Fort Wayne Flying Circuits Club field

May 25—Club 40 Race—Bartholomew Cty RC Flyers

May 19—IRCM Spring Club Pitchin/Picnic at the field

June 3—Club meeting at the IRCM field

June 8—All Electric Flyin and Tail Gate Swap—IRCM field

June 8—Strawberry Festival Fly-in at Sugar Grove School sponsored by Indy RC South Club—only drones and small electrics

June 8—Wilbur Wright Festival Fly-in—Henry County Wright Flyer

June 16—Ticket/Fun Fly—Indy RC South Club field

June 22—Cub and Planes that Float like Cubs—IRCM field

Jul 1—Club meeting at the IRCM field

Jul 7—Fun Fly #2—Indy RC South Club field

July 13—Anything RC Flyin at the IRCM field

July 20—Warbird Fly-in (all size aircraft) - Johnson County RC Club

July 21—Ticket Fly #2—Indy RC South Club Field

July 26/27—Warbirds and Classics—Fort Wayne Flying Circuits

July 28—Tim Mills Derby Days Air Show

Aug 3—Greenwood Airport Day—static display by Indy RC South

Aug 5—Club meeting at the IRCM field

Aug 9/10—All Electric Fly-in—Fort Wayne Flying Circuits

Aug 10—Nothing but Cubs—Monroe County Club field

Aug 10—Cheer Fund Fly-in - Bartholomew Cty RC Flyers

Aug 17—Monster Mash (80" and above) Fort Wayne Flying Circuits

Aug 17—National Aviation Day Fly-in—Johnson County RC Club

Aug 24—Toys for Tots Flyin at the IRCM field

RC and Aviation Events 2019 Continued

Aug 25—Ticket Fly #3—Indy RC South Club Field

Sept 2—Club meeting at the IRCM field

Sept 7—Heartnut Festival Fly-in—Johnson Cuntty RC Club

Sept 7/8—Grissom Air and Space Expo—Grissom AFB

Sept 14—Fly-in for Diabetes—Indy RC South Club Field

Sept 14—Fun Fly and Swap Meet—Henry County Wright Flyers

Sept 18—Aviation Day at Columbus Airport—Canadian Snowbirds

Sept 21—Joe Grube Warbird Fly-in—Bartholomew Cty RC Flyers

Sept 28—Fall Picnic/Pitchin and night fly at the IRCM field

Oct 6—Ticket Fly #4—Indy RC South Club Field

Oct 7—Club meeting at the church

Oct 20—Swap Meet—Bartholomew Cty RC Flyers

Oct 26—Toys for Tots—Fort Wayne Flying Cricuits

Nov 4—Club meeting at the church

Dec 2—Club meeting at the church

Dec 14—IRCM Holiday Dinner—Blue Bird Café in Morristown



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

