

It's Time for Some

Propwash

AUGUST 2023

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Model of The Month Winner!

Chris Trumble's All-Electric "Diamond Dust

STICK & RUDDER MEETING MINUTES 100 MISSION ROLL CALL EVENT RECAP **CERTIFICATES / AWARDS** FROM THE WORKSHOP



Stick and Rudder

On **Saturday, August 12th,** we had a good turnout for the National Model Aviation Day 2023, 6th annual trifecta fun fly.

What really struck me was how close the competition was in two of the events. For the 2-minute flight, there were 4 contestants within 1 second of the 2 minute goal! What was even more exciting was the guess your speed, where 4 contestants came within 1 mph of their original speed, there was a fly-off for 1st place as the leaders were tied at 0.3 mph from their stated speed.

I realize I have been bringing up the weather a lot during the summer. We have seen both record temperatures as well as odd weather that put Los Angeles on a hurricane watch. Until we get some relief, please take advantage of the shade, stay hydrated, wear sunscreen or cover up. If you have ever arrived at the field at daybreak, you know what a joy it is to enjoy a "dawn patrol". The air is cool and the wind is generally calm.

Summer is here, the rain has arrived and the grass is growing. The more people that can offer some time mowing, the lighter the load. We need volunteers to perform the mowing, edging, weed eating, runway shaving, tooth pulling, ant killing, storm preparation, event setup, event tear-down, trash hauling... Yep, quite a list, but it's not all done at once and not every week, and not necessarily by a single person, fortunately.

David DeWitt has replenished the yellow IRCC T-Shirts. The shirts will be available for purchase at the monthly meeting or whenever you run into him at the field. You may also contact David via email benz425@aol.com to arrange your shirt purchase.

Our 2023 100 missions log is posted and active. Record your flights and encourage others to do the same. There are members that have reached 100 missions, and even more closing in, just remember, It's not a race, it is an accomplishment.

We are hobbyists who dream, design, build, and fly model aircraft of all sizes for fun and competition. We do this because we enjoy the company of fellow enthusiasts, we love flight, and we want to see participation in our hobby grow.

Continuous Information Update:

The 100 RC Missions Over Florida is alive and well for the 5th consecutive year! The 100 Missions flight log is posted in the case at center of the main pavilion. Remember, this is a "Health Barometer"; if you're feeling sick or curmudgeonly, come to the field, log some flights and you're guaranteed to feel better! Even if you get your "100", please keep logging your sorties throughout the year as it is interesting to see the number of sorties that get logged by our members.

If you notice anything broken or destroyed at the IRCC facility, please let Bill Pawl know about it and set the item aside, out of the way so that we may dispose of it properly.

If you're interested in joining the Grass cutting crew and you can spare some time to join the crew, it would certainly be appreciated to give those who are currently on the crew some welcomed relief as it takes a few hours to cut the field so that all of our members can fly safely on our well-manicured field and runways! Bill Pawl will coordinate any training needed to operate the equipment. Please contact Bill Pawl via email at proppusher64@yahoo.comto join the crew!

The IRCC is still open for RC flying operations! We are on a month-to-month lease (as we have been for the last 30 years) with Badcock and they have indicated that they have no plans for utilization of the land we fly on in the next few years.

As a reminder, please do not fly over our northern boundary, which is the Se7en Wetlands and a bird sanctuary just north of our field. If you see someone flying over the wetlands say something to that pilot! The IRCC membership has been doing a great job not flying over this boundary since it was made aware to us in February 2020!

The IRCC membership unanimously approved a parking plan for the IRCC that is now in effect on each weekend and during events. If you're not coming to the IRCC to fly, please park away from the main pavilion in one of the approved non-flying spots. There is an approved IRCC parking plan diagram of the "where to park" in this issue of the Propwash and we will keep it in there for perpetuity. If you're not here to fly, please keep the spots under and near the pavilion open and don't park in the field, which allows flyers with trailers the opportunity to have "swing room" to back their trailers into the pavilion.

No guest should be flying unless they are invited by an IRCC member, the member is present when their guest arrives, and the guest has a valid AMA membership. If you're unsure, ask the person in question to see their AMA and who their IRCC sponsor is; as a member of the IRCC you have that right.

Get out to the field, introduce yourself to someone you don't know, make a new friend, when landing, keep your wings level with the horizon and main gears first as gently as you can! See you at the field!

Sincerely, Kevin Pazda Imperial R/C Club President -2023



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IRCC MEETING MINUTES

Saturday August 5th, 2023 Recorded for Club Secretary by Ian Clark

President Kevin Pazda called the meeting to order with the pledge of allegiance at approx. 10:00 Am.

New Members and Guests: We had one visitor, Doug Pierce from the Sanford Aeromodelers club.

Awards & Certificates: Drew Powell received his certificate for the model of the month for June. Glenn Griffin received his award for the month of July.

lan Clark received his mission patch for completing 100 flights.

Minutes: Motion to accept the July minutes as posted in the newsletter. Seconded and passed.

Treasurers Report: All bills are paid, and we have money in the bank

Membership Report: Our membership is at 95 full members and 4 junior memberships.

Field Maintenance Report: Bill Pawl wants to thank all the members that have come out and helped with the mowing and trimming of the field.

Safety Report: Bob Curry reported that he has had no reports of any safety violations or injuries. He then reminded us to make sure the batteries in our aircraft are secured as a loose battery can change the c/g and possibly cause loss of control.

Instructor Report: Jeff Hughs has one student that has soloed and several still in training. He heaped praise on Drew Powell for his outstanding job as an assistant instructor.

Club Newsletter / Website: David Raff reported that the newsletter is doing well, and he is looking for any articles submitted by members. Ron McKie said the web site is doing well also with no issues.

New Field Search: No updates at this time.

Old Business: We are all responsible for fire ant control. If you generate trash, take it with you when you leave.

New Business: There was a meeting of the executive committee. There was a review of the finances, membership and a study of the porta john pricing

IRCC MEETING MINUTES (Continued)

New Business (continued): David DeWitt is offering to step down as the VP to provide someone else the opportunity to participate in a leadership role.

FAA-Recognized Identification Areas (FRIAS) update; our application was submitted and accepted by the AMA covering our location and the Homeland flying site.

Future Events: National Model Aviation Day is on Saturday - August 12, 2023. The Sixth Annual Trifecta Fun-Fly will also take place on the same day. It will have Jerry McGhee as POC.

A discussion was held to host a Toy's for Tot's Fun Fly in the late fall. This may include a swap meet. More information to follow.

Over and above Nominations: There were none.

Model of The Month: Chris Trumble showed his new electric Diamond Dust. It was built by Dan Hudson. Chris thinks it should reach speeds of 160 to 170 mph.

50/50 Drawing: This month's winner was Drew Powell

Motion to close meeting at 10:35 am, motion seconded and approved. The meeting was adjourned.

AWARDS & CERTIFICATES



Kevin was finally able to present Drew Powell with his Model of The Month Certificate from June. Drew entered his F3A Pattern Competition "NUANCE" into the running and won. Glenn Griffith is shown with club president Kevin Pazda receiving his Model of The Month Certificate for his F-22 entry from last month!





Ian Clark is the latest member to join the 100 RC Missions Over Florida Squadron. Be sure to log your flights on the board whenever you are flying at the field so you can be next!



ROLL GALL!

Drew Powell
Jerry McGhee
Jeff Hughes
Glenn Griffith
Todd Beatty
Steve Franc



Saturday August 12th, 2023



Fly For 2 Minutes Precision Landing Guess Your Speed

GELEGRATINGS



Several years back, the AMA developed a nationwide fun-fly event that takes place each year. Patterned after <u>National Aviation Day</u>, which is observed every year on August 19th, National "Model" Aviation Day is designed to celebrate model aviation that same way that National Aviation Day is designed to celebrate the history and development of aviation in this country. The holiday was established by Franklin Delano Roosevelt back in 1939 and coincides with the anniversary of the birthdate of Orville Wright. The idea was to dedicate a day to bring attention and stimulate interest in aviation in the United States.

National Model Aviation Day is intended to be the same to celebrate and help bring attention to this hobby that we all enjoy! To make it a little more interesting, the IRCC Trifecta Fun-Fly was started with the intention of creating a friendly, non-plane breaking competition that anyone can take part in. Here we are, 6 years later, and this event is still going strong! Before we get to the competition results, let's take a few minutes to recap the official "Unbendable" rules of the competition.

6th Annual IRCC TRI-FECTA FUN FLY

The events for this Club Fun-Fly are meant to be non-plane breaking events that any aircraft can do that will test your skill and your luck. Have fun, stay safe, keep your wings level and hit whatever you're going to hit as gently as you can. This Fun Fly will take place on Saturday August 12, 2023, with an 08:30 start time in conjunction with the IRCC Family Day and the AMA's National Model Aviation Day. This early start allows us to finish for any unscheduled afternoon thunderstorms.

TROPHIES and RIBBONS

Three events 1st, 2nd, 3rd place for each event with a ribbon for each place. 1st, 2nd, 3rd place trophies for overall combined scores to the top three finishers.

THE EVENTS

Event 1: Fly for 2 minutes Event 2: Precision Landing Event 3: Guess Your Speed

MAXIMUM POINTS PER EVENT:

EVENT 1: 100 EVENT 2: 120 EVENT 3: 100

TOTAL MAXIMUM NUMBER OF POINTS COMBINED: 320 Points

THE UNBENDABLE RULES FOR ALL EVENTS

- 1. Qualifications: Must be an IRCC member (or a guest of an IRCC member).
- 2. 2022 Rule Addendum: A pilot may use a different aircraft for each event, however, in the event the aircraft does not complete an event, a substitute aircraft will not be used to complete the event.
- 3. Scoring: In order for a score to be tallied at least one wheel needs to land on the paved runway in each event prior to contacting the ground.
- 4. Any crash in any event will result in a score of Zero for that event. Contestant will finish with the points they have earned prior to the crash.

INDIVIDUAL EVENT RULES:

EVENT 1: FLY FOR TWO MINUTES

Time begins when the aircraft wheels leave the ground. Pilot commences to fly his/her aircraft for two minutes without the aid of any timer or encouragement from the crowd and/or bystanders. Detection of transmitter timers will result in a zero score. Time ends when the aircraft lands on the paved runway. Closest to the 2-minute time mark + or – (under or over the 2 minutes) will be ranked. Scoring is as follows:

1st – 100 points 2nd – 75 points 3rd – 50 points 4th and below – 25 points

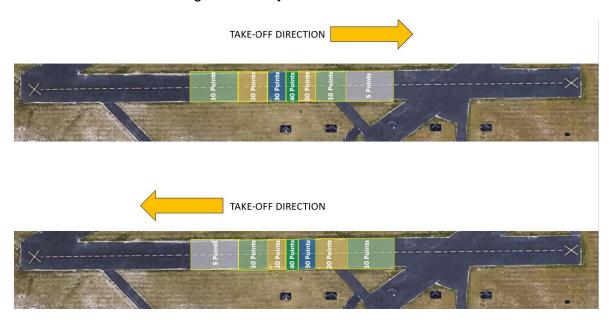
EVENT 2: PRECISION LANDING

Pilots will take off and make three touch and go landings with each landing being scored on the zone the wheel(s) touch into. IRCC Runway is 585 feet long. The scoring portion for this event will be 152 feet of scoring zones on the runway divided in 7 zones of 32' 24' 16' 8' 16' 24' 32'. In case of wind direction change, the direction of the take-off will determine the score sequence.

i.e. left to right take off. The score will be 10/20/30/40/20/10/5

One wheel of the main landing gear has to contact the scoring section of the runway and aircraft must maintain control after landing and remain in an airworthy condition.

There will be 3 scored attempts, the pilot will have to call the landing prior entering base leg. If pilot fails to land the score will be 0 and one attempt will be used. Any go around without touching the runway will result in a zero score.



EVENT 3: Guess Your Speed

The pilot will call his speed prior to flight. The pilot will then take his/her aircraft off and have three attempts to fly that speed. Speed will be measured by a Doppler radar gun. The closest matched speed of the three attempts to the speed called by the pilot will win. The pilot may call any speed prior to take off. For example: Pilot 1 calls 45 mph and flies 46mph. Pilot 2 calls 55 mph and flies 53 mph. Pilot 1 would win as they are +1mph and pilot 2 is – 2 mph. If I pilot fails to land on the paved runway the score is 0.

Scoring is as follows: 1st – 100 points 2nd – 75 points 3rd – 50 points 4th and below – 25 points A field of 12 model aviation pilots were there early Saturday morning to test their aircraft and flying skills against one another in each of the three competition events. Points were awarded as noted in the previous event rules and tallied throughout the event to determine who among them would rise to the challenge and lay claim to the $1^{st} - 2^{nd} \& 3^{rd}$ Place awards for each event.

Starting with the 2-Minute Flight, the top three pilots with the closest actual flight time from take-off to touch-down are shown below.

	Fly For 2 Minutes					
Place	Pilot	Time	+/- 2:00	Points		
1	Glenn Griffin	2:00:47	00:00.47	100		
2	Jerry McGhee	2:00.70	00:00.70	75		
3	Ryan Roberts	2:00:88	00:00.88	50		
4	Drew Powell	2:00.90	00:00.90	25		
5	Bill Pawl	1:57:00	00:03.00	25		
6	George Nauck	2:11:85	00:11.85	25		
7	Chuck Miller	2:12;49	00:12.49	25		
8	Chris Trumble	1:44:27	00:16.83	25		
9	Wally Sundey	2:18:87	00:18.87	25		
10	Jeff Hughes	1:34:78	00:25.32	25		
11	Wes Miller	1:22:44	00:38.44	25		
12	Daniel Bensmiller	2:38:99	00:38.99	25		
13	Ron McKie	0*	00:27:00	25		
	* Did not land on paved surface					



(Left) Glen Griffith is shown receiving the 1st Place Medal from club president Kevin Pazda.

(**Below Left)** Jerry McGhee received 2nd Place for this event.

(Below Right) Ryan Roberts claimed 3rd Place and 50 points for his time of 2:00.88





Up next - was the Precision Landing Event! Each pilot had to take off in the same direction and complete a series of "touch & go" maneuver in the same direction with points being award to how closely they were able to touch at least one wheel in the <u>marked</u> "landing" zones on the runway with 40 Points being at the center and the shortest distance.

Below are the results and the winners:

	Touch and Go					
Place	Pilot	Landing 1	Landing 2	Landing 3	Points	
1	Jerry McGhee	40	40	40	120	
2	Wes Miller	30	30	40	100	
3	Ryan Roberts	20	40	30	90	
4	Jeff Hughes	40	20	20	80	
5	Drew Powell	20	30	20	70	
6	Chuck Miller	10	20	20	50	
7	Bill Pawl	20	10	20	50	
8	Daniel Bensmiller	0	40	0	40	
9	Ron McKie	0	10	20	30	
10	Wally Sundey	10	0	20	30	
11	Chris Trumble	0	30	0	30	
12	George Nauck	10	0	0	10	
13	Glenn Griffin	0	0	0	0	





(Above Left) Ryan Roberts is shown receiving his second medal for the day taking 3rd Place.

(Above Right) Wesley Miller just edged out Ryan but it was enough for him to claim 2nd Place.

(Right) Jerry McGhee is all smiles after receiving his second medal for the day after winning 1st Place with a perfect score for this event!



In years past, this has been the most challenging of the three events as each contestant must announce prior to taking off, what they believe the "exact" speed of their aircraft will be. Each pilot has three attempts to come closest to their called speed. Winners are determined based on how close they are able to attain the called speed which is clocked using a "regulation" and "highly-calibrated" Doppler speed gun!

As you can see below, the competition was fierce for this year's event with several being only fractions of a second off of the speeds they were looking for. There were even a couple of ties requiring a second run-off to determine the top three!

Guess Your Speed							
		Called	Closest				
Place	Pilot	Speed	Pass	+/-	Points		
1	Jerry McGhee	50	50.3	0.3*	100		
2	George Nauck	50	50.3	0.3*	75		
3	Bill Pawl	35	35.5	0.5**	50		
4	Wes Miller	90	89.2	0.8	25		
5	Drew Powell	60	53.9	6.1	25		
6	Chuck Miller	45	48.3	3.3	25		
7	Ron McKie	DNC	0	0	25		
8	Wally Sundey	DNC	0	0	25		
9	Chris Trumble	DNC	0	0	25		
10	Jeff Hughes	122	125	3	25		
11	Glenn Griffin	45	44.5	0.5**	25		
12	Daniel Bensmiller	35	35.6	0.6	25		
13	Ryan Roberts	37	39.1	2.1	25		
* McGhee won tie breaker for 1st							
** Pawl won tie breaker for 3rd							





George Nauck

(Image Not Available)

(Above Left) Bill Pawl is looking sporty as ever as he receives his 3rd Place medal from Kevin P.

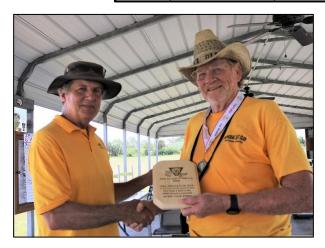
(Above Right) Unfortunately, our next winner for this event had to leave before the award presentation but George Nauck won 2nd Place.

(Left) And here is Jerry once again after taking 1st Place after a tie-breaker run-off with our second-place winner.

At the end of the three events, all scores achieved were tallied together to determine who among them would win the 1st, 2nd & 3rd Place trophies for total event! Looking at all of the smiles, it is easy to tell that everyone had fun so there were no losers but only three could claim the top positions.

So, without further ado, here are this year's event champions!

TRIFECTA OVERALL						
Place	Pilot	2 MIN	T&G	Speed	TOTAL	
1	Jerry McGhee	75	120	100	295	1st Place
2	Ryan Roberts	50	90	25	165	2nd Place
3	Wes Miller	25	100	25	150	
4	George Nauck	25	30	75	130	
5	Jeff Hughes	25	80	25	130	
6	Bill Pawl	25	50	50	125	
7	Glenn Griffin	100	25	25	150	3rd Place
8	Drew Powell	25	70	25	120	
9	Chuck Miller	25	50	25	100	
10	Daniel Bensmiller	25	40	25	90	
11	Ron McKie	25	30	25	80	
12	Wally Sundey	25	30	25	80	
13	Chris Trumble	25	30	25	80	





Above is Glenn Griffith (left) and Ryan Roberts (right) receiving their Overall Event 3rd Place and 2nd Place Trophies

GRAND CHAMPION!

With a total combined score of 295 out of a possible 320 points, this year's Grand Champion in none other than Jerry McGhee!

Congratulations to Jerry and all of the winners!





In the true spirit of National Model Aviation Day, Ryan Roberts brought his son out to join him - no doubt hoping to stimulate a little interest in our next generation of model aviators!

LOOK OUT JERRY!

I think Ryan is grooming your competition!!!

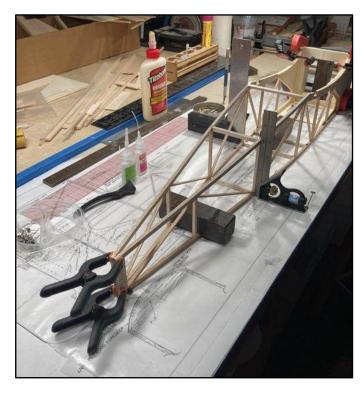
"From The Workshop"

Bob Curry won't be able to make the meeting in September, but he forwarded a few more image of his Sopwith Pup build progression.



Now that he has the wings all framed up, it's on to the fuselage. As you can see in the image to the left, both the left and right side of the fuselage are constructed over the plans.

Below you can see both sides are now joined to the "formers" also overtop of the plans. Note the use of multiple clamps and 90-degree squares to ensure that the fuselage sides remain true and plumb from the firewall to tail post. Also, note the steel weights he uses to keep the fuse in position until all glue joints are dry.





Lastly, he is showing the lower wing bolted in place and test fitting the horizontal and vertical tail surfaces.

Finally starting to look like a Pup!

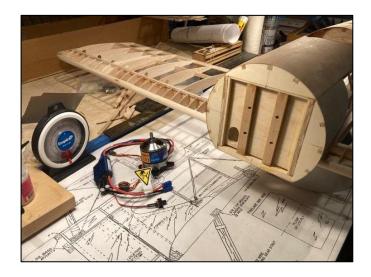
(Below) It looks like Bob is possibly going with an E-Flite Power 46 Brushless Outrunner motor for power. I can't say for sure but may be a 670Kv with a 60Amp ESC.

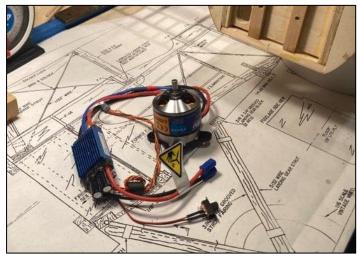
This setup should be able to swing anything from a 12x8 to 14x10 prop with a 4-5S Li-po Battery and provide more than enough power for a 4 – 7 lb. aircraft.

Coming together nicely Bob!











One Boy's Opinion Of Pilots

The following was written by Tommy Tyler, 5th Grade, Jefferson Grade School, Beaufort, S.C. It should be of interest to all airplane drivers.)

Why I Want To Be A Pilot

When I grow up I want to be a pilot because it's a fun job and easy to do. That's why there are so many pilots flying around these days. Pilots don't need much school, they just have to learn to read numbers so they can read instruments. I guess they should be able to read road maps too, so they can

find their way if they get lost.
Pilots should be brave so they won't get scared if it's foggy and they can't see, or if a wing or a motor falls off they should stay calm so they'll know what to do. Pilots have to have good eyes to see through clouds and they can't be afraid of lightning or thunder because they are much closer to them than we are.

The salary pilots make is another thing I like. They make more money than they know what to do with. This is because most people think that plane flying is dangerous, except pilots don't because they know how easy it is.

I hope I don't get airsick because I get carsick and if I

get airsick I couldn't be a pilot and then I would have to go



You just know it is going to be a bad day at the field when the tree moons ya right after it reached up and snatched your plane outta the sky!



The IRCC Combination has been changed for 2023!

Please make sure your AMA membership is current Pay your 2023 IRCC dues to get the combination.



One of the "dumpsters" (sorry, couldn't resist) has been removed! The cost to keep this with the recent change of service providers and increase in the monthly bill made it necessary to bring up at the February meeting to discontinue this service and have the dumpster removed. This was discussed, voted on and approved by members present. The trash cans that were in the main pavilion have also been removed. Be sure to take whatever trash you may have home with you and dispose of there. Thank you all in advance for your cooperation!





IRCC FIRE ANT CONTROL

If you see a mound, kill the mound!

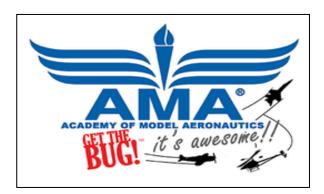
The IRCC Fire Ants are in full bloom. If you see a mound, kill the mound! It is up to every member to help control these fire ants. Do not wait for the next guy to take care of it. If you see it, you are responsible for it. Go to the West end of the main shelter, open the fire ant killer bucket, scoop out one cup, sprinkle the contents in the cup on to the target mound and return the cup to the container, then seal the lid.











Newsletter Articles Welcome

Have something of interest that you would like to share. Please forward to the editor at

raff7113@msn.com

