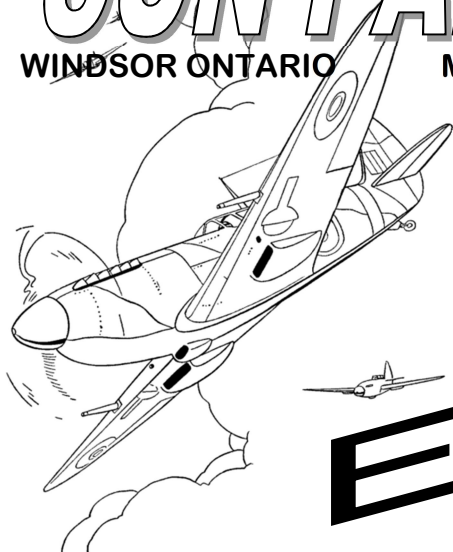


SUN PARLOR R/C FLYERS

WINDSOR ONTARIO

MEMBER OF M.A.A.C.



THE EMITTER

President
Murray Inverarity
519 979 3906
minverarity@sympatico.ca

Vice-President
Mark Isherwood
519 359 5700
misherwood2018@gmail.com

Secretary
Larry Hawksworth
519 736 6739
ldhawk@cogeco.ca

Treasurer
Jim Bridge
519 259 3339
jgb0543@sympatico.ca

Adviser
Duane Pickersgill
519 560 7038
duanepickersgill@gmail.com

Adviser
Dave Doyan
519 979 7546
dldoyon@mnsi.net

Past President
Paul Sousa
226-260-0728
paul.sousa009@gmail.com

The next meeting will be Mon September 30th 2024 7:00 pm At Windsor flying club

President's Report April 2024

Hello Sun Parlor Flyers!

Well, here we are already at the near end of the outdoor flying season. What a great month for flying September turned out to be! August was full of rain and crazy winds and storms but settled down into one of the best

Septembers I can remember. I hope October continues to be warmer and calmer. I made it out to 4 of our Wednesday night BBQs with everything from pasta and garlic bread, Sloppy Joe's, Coney dogs with chili and sauteed onions, mushrooms, Hamburgers and sausages were all a big hit. Bob always kept it interesting and changed it up!! Great Job!!!

It's been a good year with several people deserving a big thank you for their dedication to making things happen. First, I would like to thank Bob Veres for keeping us all filled with great food on Wednesday nights and taking the time and care to keep things interesting. It was great to see so many attending and participating on Wednesdays. Some flyers were coming out just for the food and chance to hang out, at the field, swap parts, get advice or to bring something they were working on. It takes many people and their time, involvement and contribution of time to keep our club viable and make it all happen. It was great to see new faces step up to getting involved and pitching in from indoor to the Mall Show and at the field.

Second, I would like to thank Mike Salter who ran our two events (now retired as C.D) along with other volunteers to allow us to have a few fun days flying, competing and smiling all the while. Mike managed these in between trips here and there and it was great to hear about his travels.

Third, I would like to thank Dan Wright for helping out so many new or returning members and getting them safely into the air and on the ground, Greg Meyers for keeping our tables in good repair.

Finally, I would like to say "thank you "to Dave Borland and everyone who worked with him, trimming the grass, trees and maintaining the field . It looked excellent all summer!!

As the warmth of summer slowly fades and bad weather creeps in, I am happy to announce that Sun Parlor RC will be back at the Libro Center on Wednesday afternoons from 1-3:00 p.m. Same price as last year as well. It was a very successful year last year, so I hope more members can come out and enjoy the

fun. It's a great way to build confidence and keep those flying skills in good form. It does teach how to use your rudder combined with throttle management which improves your flying outdoors. Here is a list of the dates that will run from the beginning of October (2nd) through to the beginning of April. So see you at the Libro!!! Get those planes ready!!

October 2nd,9th,16th,23rd,30th

November 6th,13th,20th,27th

December 4th,11th,18th

January 8th,15th,22nd,29th

February 5th,12th,19th,26th

March 5th,12th,26th

Sunparlor RC Flyers

Meeting April 8, 2024

Meeting at the Windsor Flying Club was called to order by Vice President Mark Isherwood @ 7:01 pm. We had no new members and welcomed two guests, Kevin Rebidoux and Bo Gao.

Mark requested a motion from the floor to have the minutes from our March meeting as published in this months Emitter for membership review be accepted as posted. Massimo Cardelli set the motion and the second was Dave Doyon. The motion carried.

Treasurers Report

Jim Bridge reported we are having issues with our TD bank branch regarding the signature change over for our new executive and no transactions have been make. Mark commented on how the issue is on going and will be resolved. Jim gave a brief overview of the income statement but it needs to be updated. He has the monies collected from our indoor flying ready to be deposited.

The statements were not published on our secure website for membership review. We will review and accept accordingly once the bank issues are resolved and the statements published.

Old Business:

Mark reported indoor flying at the Lebro Centre has shifted from Wednesday to Saturday afternoons for the month of April. We had approximately 15 pilots on the first Saturday. He noted the arenas and indoor centre were packed with people giving our club excellent exposure to the public. Dan Wright has volunteered to CD the final indoor flying event on Saturday April 27th. Thanks Dan!

Mark also noted we still require CD's for our Season Opener and Family Classic events along with volunteers. Mike Salter has offered his expertise and assistance to anyone wishing to head up either of these events. Dave Doyon has volunteered to run the BBQ portion for the Opener.

The Wednesday BBQ / fun fly/ training event was also mentioned. Bob Veres, Dave Borland and Siggie Mertz have come forward to help coordinate this event commencing the first Wednesday after the Season opener (weather permitting).

Mark also reported on the upcoming Mall Show at Devonshire Mall May 11th & 12th. We now have sanctioning from MAAC for this event. Arrangements are in place with the Mall. Mark passed around a sign-up sheet for our members to choose two hour time frames to help with meet and greet public relations at the show. Times are 10:00 am to 6:00 pm on Saturday and 10:00 to 5:00 on Sunday. Dave Doyon and Massimo Cardelli have volunteered to help Murray Inverarity with the set up for the show. Massimo has a final draft for the public information flyer and will have a colour version printed and available for hand out. Murray will supply two flight simulators. Dave Borland has offered a third simulator if required.

Massimo requested all members wishing to bring an exhibit for show to please contact him via email (his email is posted on our website) as to what you have and approximate size so he can coordinate the display for the area.

We will have our next meeting (May 6th) just prior to the show weekend and will finalize all of the arrangements.

Jim Bridge reported the \$60.00 / clean out for the field Porta-John is a good deal when compared to other sources researched by Ron Harway. Jim will continue to administer the dealings with Festival Tent for this purpose.

Mark requested a person to replace Kosay as the lawn maintenance person offering the same deal Kosay received in previous years. Dave Boland has accepted and will assume those duties. The grass cutting schedule will remain as it was on Thursday afternoons (when required and weather permitting) with flexibility to assure the field is ready for special events etc.

No other old business was presented.

New Business:

There was no new business brought to the floor.

At 7:40 pm Mark requested a motion to close the meeting. Dave Doyon made the motion. The seconder was Jim Bridge. The motion carried.

The 50/50 draw winner was Mark Isherwood. \$40.00. “ FIRST TIME!” Congratulations!!!

Attendance

Mark Isherwood	Kaz Sawiak
Dan Wright	Dave Borland
Wayne Pinke	Peter Durand
Tom Lee	James Sagaert
Mike Salter	Siggi Mertz
Brett Foland	David Doyon
Greg Myer	Dennis Pratt
Ron Harway	Bob Veres
Massimo Cardelli	Bo Gao (guest)
Kevin Rebidoux (guest)	Dan Murtagh
Larry Hawksworth	Jim Bridge

Ramblings Off The Green

Healthy Lipos

How can you tell if your Lipo Batteries are still good. Your flight times are reduced, the motor doesn't have that same oomph like when your batteries were

new. Well there is a way to tell if your batteries are going south. Internal resistance.

The internal resistance of each cell will give you an indication of the condition of your battery. By comparing the IR reading of the battery when new to what it is after multiple uses.

All batteries have some internal resistance, that's why they get warm when charging, kind of like putting a resistor between your battery and motor. A small resistance will generate a small voltage drop, the larger the resistor the higher the voltage drop with less performance of the motor.

A typical good lipo will have an internal resistance of .001 to .004, 1 to 4 milliohms. Usually measured at room temperature. The smaller micro batteries can have an internal resistance of 150 milliohms, .150. The smaller the capacity, the higher the internal resistance.

How do I check the IR of a battery? Well many of the good digital chargers will have this feature. You can monitor the IR at the beginning of a charge cycle. So if you log your Batteries IR when new you can tell when the battery is going bad as the IR increases with use.

With your IR reading you can calculate the actual C rating of your battery.

For instance take 6s pack, Say your highest IR reading is 1.4 milliohms, .014. Multiply that number X 5100 which is the lipos capacity, which equals 7140. Now take the square root of that (do it in your head) and that equals 84.26, now divide that into 2500 and you get 29.7 C rating. So a 6s battery of 30 C will be able to output, 30C times 5100 ma equals 153,000 ma or 153 amps continuous.

Highest IR reading X battery capacity, Take square root of that, divide that into 2500 = C rating.

So your battery has a C rating of 80 C on the label, so 80 times battery amps 5.1 would equal 408 amps continuous. Don't think the wires and connectors can handle that current. Marketing BS. Maybe.

I recently purchased a charger sold by Sky RC the B6AC NEO, Its compact, AC or DC input, and seems very accurate.

I purchased locally from a friend with an online RC boat hobby shop,
<https://www.slycatracing.com/> He's in Essex.

Chargers can be seen here,

<https://www.skyrc.com/Charger?from=nav>

I also picked up one of these..

<https://www.skyrc.com/gsm020>

FIELD RULES AND GUIDELINES

FIELD RULES

- 1) Any actions contravening to the following rules and / or the M.A.A.C. rules are subject to a warning. Continued disregard for the rules and guidelines by any individual will be reviewed by the executive board with the possibility of not being welcomed to return to our club.
- 2) The field and facilities are to be used by members who are in possession of a current M.A.A.C. and SPRCF club membership. Any out of county guest may use the club's facilities up to three times per year if accompanied by a club member. This guest must have proof of a current M.A.A.C. membership. (insurance)
- 3) Access to the Tower Field is from the 4th concession by the road adjacent the south boundary of the field.
- 4) Parking will be limited to the gravel lot which is bordered by railroad ties, on the south side of the pits and runways, with exception to special event.
- 5) All areas of the field will be kept clean. Each member is responsible to remove their own garbage. If you are a smoker do not throw your butts on the field or in the portable toilet you must take them home with you.
- 6) Pets are permitted in the parking area on a maximum 10-foot (3 meter) leash. It is the owner's responsibility to clean up after their pet.
- 7) No smoking beyond the spectator safety fence will be permitted at any time.
- 8) Cell phone use is to be limited to spectator and parking area only.
- 9) Any member under the age of 16 years must be accompanied by a parent or guardian when at the field.
- 10) There will be no alcohol or illicit drugs consumption permitted at the field at any time.
- 11) You must show proof of current M.A.A.C. membership before being issued a club membership.
- 12) Members who have not obtained their level 1 restricted wings (fly only the aircraft you were trained on or one similar in performance) are not permitted to fly without an instructor alongside said member during flight.
- 13) You must have your MAAC number and either MAAC's phone number or yours placed inside or outside the aircraft.
- 14) You must taxi out to runways via taxi ways only.
- 15) **NO** internal combustion engine operation (except for field maintenance equipment) is permitted between 8:00PM and 9:00AM on any day of the week.
- 16) All aircraft with combustion engine MUST meet the noise limitations of 90 dB at a distance of 7 meters before allowed to be used at Tower field. Suspect aircraft will be tested at a 360-degree perimeter at full throttle with the average recorded reading by the sound meter set to level "A" and "Slow" being used.
- 17) It is the responsibility of anyone operating a gasoline or turbine powered (not Glow) aircraft to always have a suitable fire extinguisher with them at the starting box at all times.
- 18) Any turbine powered aircraft must use a reasonable means of deflecting exhaust during start up as to not damage the field and surrounding properties.

SPRCF GUIDELINES

- 1) PLEASE RESPECT YOUR FIELD
- 2) Flyer's will cooperate with the method of frequency control approved by the club. If you cause an aircraft crash due to interference and it is proven that you are at fault, you will be required to replace the lost aircraft or provide the cash value for damages.
- 3) Aircraft will be prepared for flight on one of the cement starting pads or raised starting stations with the aircraft's forward direction facing the flight field. Do not start or arm engines in the pits. This also applies to battery powered electric aircraft
- 4) All flyers are required to display their current membership card at the frequency box while occupying the field.

- 5) No flying over the pits, parking lot, spectator area or restricted (no fly) zones. Know that the flight line is always beyond the petro mat.
 - 6) All runways and grass landing area should always be kept clear for emergency landings. Please note it is mandatory to call out landing prior to a landing attempt.
 - 7) Landings will be made with the pilots back to the pits.
 - 8) Prior to a low fly by, no person should be on the field beyond the pilot line. All low fly-bys must be called out.
 - 9) When more than one aircraft is in the air, pilots must fly in the same circuit or in different sections of the field as decided by mutual agreement between the pilots flying at that time.
 - 10) NO Flying in the no fly zones that are posted at the field and included in this document.
-



SunParlor R/C Flyers Inc.

Membership Application

Please Print Clearly

New: ☐

Renewal: ☐

Name: _____

Address: _____

City: _____ Postal Code: _____

Telephone Home: _____ Work: _____ Cell: _____

Email: _____ MAAC No: _____

Flying Ability: Beginner: ☐ Pilot: ☐ Instructor: ☐
Subject to club approval

Group: Open: ☐ Junior: ☐ Trial: ☐
18yrs or over on Jan 1st Under 18yrs on Jan 1st

MAAC Expiry: _____
MAAC Confirmed: ☐

RPAS TC License: ☐

Do you wish to have your name published in the club phone number directory? Yes: ☐ No: ☐

Annual Membership Dues

All members must obtain their MAAC membership directly from MAAC before joining SPRCF (www.maac.ca).

	Club	New Member Lawnmower Assessment	New Member Total
Open 18yrs or over on Jan 1st	\$75.00	\$30.00	\$105.00
Trial 3 Month* All ages	\$20.00	\$0.00**	\$20.00
Junior under 18yrs on Jan 1st	\$25.00	\$0.00***	\$25.00

*Not available to anyone who has been a SPRCF member in the last 5 years

**After trial membership, members are required to pay lawnmower assessment when purchasing full club membership

*** Junior members are required to pay lawnmower assessment after turning 18 and becoming an open member.

Dues paid after September 1st are for remainder of year and following year (New Membership's Only)

Sun Parlor R/C Flyers Inc. requires all members to volunteer a minimum of four (4) hours per year to assist the club in maintaining facilities and staging events. A surcharge of \$20.00 will be added to the next year's club dues for members we do not volunteer. (Members with health issues are excluded from this policy)

I have read the Sun Parlor Club field rules and agree to abide by all rules and guidelines approved by the club. I understand that my failure to comply with the MAAC Safety Code may result in failure of MAAC liability insurance for any damages or claims. I will not fly without a current MAAC membership.

Signature: _____ Date: _____

Parent or Guardian (if under 18): _____

Ver: 04-23



