

THE CARRIER WAVE

PHANTOM FLYERS R/C CLUB



AMA #393 SAINT CHARLES, MO

July 2023

Newsletter of the Phantom Flyers R/C Club

<http://phantomflyersrc.com>

CLUB OFFICERS

Contact Number

President - Ed White	(636) 219-2255
Vice President - Don Grzina	(636) 233-0193
Secretary - Mitch Galatioto	(636) 734-6322
Treasure - Jose' Espinosa	(636) 947-6067
Safety Officer - Dave Evans	(636) 448-4800
Field Manager - Don Grzina	(636) 233-0193
Chief Flight Instructor - TBD	
Event Coordinator - Dan Abel	(314) 707-0138

Send Membership Renewals to:

Ed White

10 Wolf Ridge Ct

St Charles, MO 63303

Board of Directors:

Work

Home

Ed White	Retired	(636) 219-2255
Dan Sundman	(314) 749-4029	(314) 749-4029
Mitch Galatioto	Retired	(636) 734-6322
Dave Evans	Retired	(636) 448-4800

Phantom Flyers R/C Club Meeting Minutes - 19 June 2023

Attendees: 13 club members were in attendance at the field which started at 7:00 pm. People I recorded were: Ed White, Mitch Galatioto, Dan Abel, Don Grzina, Don Bollinger, Jim West, Jose Espinosa, Jan Jansen, Kevin Cox, Jack Buydos, Mike Wallace, Bill Reape, and Dan Sundman.

New Members: None in attendance.

Technical Session: Ed White discussed the Eli Field Aero Tow event in Monticello, Illinois which is the Horizon Hobbies Test Facility. Ed participated with Brian Malloy. He had a great time even though there was a haze in the sky limiting altitudes. Peter Goldsmith was there as well. Peter produces large scale aircraft kits and produces flyable scale WWII aircraft for museums. Check Peter's work out at PeterGoldsmithDesigns.com.

Ed also read a battery review by MCS Guy which in essence states that the "C" rating on a battery is a marketing ploy to increase battery cost. Ed recommends you purchase batteries based on voltage and cells you need vs "C" rating. RCBattery.com is a good source of reasonably priced batteries. The company was started by someone who used to work for Hobby King.

Secretary's Report: The minutes for June were approved as written.

Treasurer's Report: Jose reported the club is performing well financially. Mitch will look into the field lease expiration date. Subsequent review indicates the lease expires 30 September 2025.

Safety Officer's Report: No report was provided. Please continue to be SAFE!

Field Manager: Don Grzina stated the mowers were working well and he was in the process of replacing the priming bulb on the edger. The port-a-john will be serviced prior to the Pattern Contest and insecticide will be sprayed along the fence line where people set up their tents for the event.

Activities Report: Dan Abel **Upcoming**

Events:

July 1	2-meter glider contest
July 21/22	Pre-Nats Pattern Contest
July 29	EDF Fly-In

Pattern Contest - Jim West discussed this year's 65th annual pattern contest on June 24th & 25th. Ed White will test the scoring system, Ed White and Don Grzina will bring generators, Kevin Cox will document the event in fabulous photos, Don Bollinger will graciously do the cooking, Cindy West will bring fried chicken, Bill Reape and Jan Jansen will bring ice and beverages, and Amy White will bring breakfast. People are always needed to make the event run smoothly, so if you are available, please contact Jim.

GSLMA Report: No report was provided.

Old Business: No old items were reviewed.

New Business: No new items were discussed.

Meeting adjourned at 7:43 pm.

Respectfully submitted,

Mitch Galatioto, 2023 Secretary, Club Member, Board of Directors, Mowing Crew and actual R/C pilot!

https://www.faa.gov/uas/recreational_fliers/knowledge_test_updates/

<https://dronetrust.com/faa-trust/>

Safety Rules to Fly-By

(submitted by Mitch Galatioto)

A few excerpts from our Safety Rules. Always good to read through them on occasion to ensure we are all following them. If you need an electronic copy of them, please ask any officer. Thanks for keeping our field safe!

Safety Rule of the Month:

Safety Rules of the Month:

4. All flyers shall be members of the Phantom Flyers RC Club, Inc. Any club member may sponsor a guest flyer(s). No guest flyer may be sponsored more than 3 times each year. Open events involving fliers sponsored by the Club, and guest fliers must have in their possession their current AMA and FCC License (if required) and must comply with all Safety & Field Use Rules.

5. All flyers, both members and guests, must have current AMA membership and must operate aircraft* within the limitations of that AMA membership.

6. Radio controlled aircraft activity have absolute priority use of the field.



Members Projects/Tech Session

As noted in the meeting minutes, LiPo batteries were discussed, mainly the 'C' rating.

Joe Giamona, aka MCSGUY on RCGroups, has compiled datasheets of the test that he does and constantly updates them.

With his permission, I am posting one of his sheets. It is done by weight of 6S packs that are currently on the market or soon to be with the packs ranked in order of performance.

Joe, uses LPB (Lipo Power Band) to determine a more accurate 'C' number

Lipo Power Band

LPB provides a direct indication of a batteries real 'C' property defined by it's ability to maintain voltage under various load profiles. Lipo's are ranked using an RMS formula: the "Square Root of $((t1 * t1) + (t2 * t2) / 2)$ " **where t1 is the elapsed time in seconds to the 3.7v transition and t2 is the elapsed time until the pack hits 3.6v**. While this is an excellent indicator of the level of performance a user can expect, rating RC batteries is not a cut and dried proposition. If three or four batteries are close to each other in LPB value it might be hard to tell the difference in performance if weights are similar. Another issue is Lipos are manufactured in batches so it's often the luck of the draw as to which will rank a bit higher if they're otherwise close. The test system was developed to insure a very high degree of repeatability, on the order of +/- 1 second to enable reliable comparisons. Regardless, if two packs test that close they're interchangeable unless one provides longer flight time, lighter weight, lower cost, etc.

A study of the results listings clearly indicate there's maybe three tiers or classes of battery. And that price has no bearing on which is where. It's absolutely true and well documented that brands have a general performance range (tier or class) and they seldom "change their stripes". It's usually the same brands vying for the top spots and it's inevitably the same brands competing near the bottom. Outside of a corporate "sea change" as recently occurred with Hobby King change is usually limited to some movement in the middle. There are suppliers working to make steady improvements but unfortunately they're in the minority. One of the reasons this thread exists is to track their progress and publish their successes so we can all benefit.

<https://www.rcgroups.com/forums/showthread.php?1767093-Battery-Load-Test-Comparisons>

700 – 800 gram

100 AMP BATTERY TESTS

	Price	Weight Grams	3.7v E.T.	<RMS> LPB	3.6v E.T.	% > 3.6v	mAh to 3.5v	Flight Time	Peak Amps	Peak Thrust	Avg Amps	Avg Thrust	QC Bal	Max Temp	Thrust lb-Min	Watt Min	Watt Min/kg
1. SMC 5900-5100 HCL-HV Racing @4.35v (eta JULY)	\$100	740	117	158.38	191	82.5	5724	3.52	98.4	7.11	89.0	6.11	0.017	134	23.59	7700	10405
2. SMC 5200 HCL-HP 100C	\$80	770	102	149.07	185	86.0	5315	3.35	97.5	7.08	89.2	6.19	0.016	128	22.14	7123	9250
3. SMC 5300 HCL-HV 75C	\$90	730	106	140.76	169	81.6	5192	3.26	100.2	7.16	90.5	6.26	0.022	135	21.53	6976	9557
4. SMC 5900-5100 HCL-HV Racing @4.20v (eta JULY)	\$100	740	85	129.20	162	79.4	4949	3.24	94.2	6.71	87.3	6.01	0.026	130	20.45	6583	8896
5. MaxAmps 5200 175C	\$240	775	88	128.19	158	80.9	4830	3.16	97.7	7.04	88.7	6.18	0.038	120	20.18	6454	8327
6. LiperiAir 5000 80C (eta JULY)	\$81	725	83	127.14	159	78.0	4962	3.24	96.5	6.98	87.4	6.03	0.015	128	20.54	6601	9105
7. Admiral 5000 50C	\$109	755	81	125.07	157	77.8	4916	3.22	94.3	6.81	87.4	6.12	0.018	126	20.65	6530	8648
8. Lumenier 5200 120C	\$161	790	77	124.77	159	80.3	4898	3.18	96.4	6.96	89.0	6.22	0.023	130	20.53	6502	8231
9. Pulse 6000 35C	\$144	785	71	119.91	154	67.2	5599	3.49	95.4	6.80	88.0	6.08	0.010	136	23.22	7371	9390
10. Ovonic 6500 100C	\$93	800	67	117.46	152	65.2	5582	3.52	94.6	6.79	86.2	6.01	0.019	135	23.33	7339	9173
11. Liperior 5000 65C (eta JULY)	\$65	745	69	116.60	150	75.0	4828	3.20	94.9	6.78	86.9	6.06	0.016	131	20.19	6383	8567
12. Pulse 5000 70C	\$150	745	73	111.33	140	71.7	4742	3.14	96.0	6.94	87.8	6.16	0.009	123	19.97	6283	8433
13. Roaring Top 5000 70C	\$108	756	67	110.87	142	68.8	5003	3.26	92.5	6.62	87.2	6.02	0.022	138	20.70	6589	8613
14. CNHL 5000 G+ 70C	\$68	755	75	107.79	133	73.9	4324	3.00	96.1	6.90	86.5	6.00	0.025	120	18.00	5752	7618
15. Gens Ace 5000 60C	\$133	725	67	103.26	130	65.3	4810	3.19	94.5	6.73	87.0	6.05	0.016	135	20.06	6340	8744
16. Spektrum 5000 100C Smart	\$180	700	62	100.89	128	65.6	4790	3.16	95.1	6.74	88.0	6.07	0.017	139	19.82	6309	9013
17. Thunder Power 5000 80C Rampage	\$189	800	59	98.06	125	63.1	4764	3.19	92.2	6.59	86.2	6.00	0.063	132	19.90	6254	7818
18. Zeee 6000 100C	\$89	790	60	96.98	122	56.0	5210	3.38	93.6	6.71	86.0	5.97	0.017	135	21.71	6823	8637
19. QualPow 5200 100C	\$60	736	59	93.76	119	63.0	4565	3.09	96.5	7.02	87.0	6.06	0.072	134	19.10	6012	8179
20. HobbyStar 5200 75C	\$120	740	60	93.61	118	62.9	4595	3.08	96.7	7.05	88.2	6.18	0.033	139	19.26	6055	7384
21. Roaring Top 5800 35C	\$77	765	51	92.06	120	56.3	5135	3.33	92.5	6.56	86.8	5.99	0.009	144	21.27	6706	8766
22. Roaring Top 6250 35C	\$108	785	50	90.29	117	55.4	5095	3.32	94.0	6.66	86.5	5.98	0.010	143	21.13	6652	8474
23. Zeee 5200 100C	\$77	725	55	89.82	114	57.3	4654	3.20	90.5	6.46	83.8	5.85	0.014	135	19.49	6098	8411
24. Yowoo 5000 100C Graphene	\$75	795	51	85.09	109	58.6	4492	3.06	96.7	6.81	86.9	6.01	0.046	125	18.64	5896	7417
25. Thunder Power 5000 55C Elite	\$168	800	10	76.34	108	54.7	4683	3.16	91.6	6.55	85.8	6.00	0.070	148	19.64	6093	7617
26. HRB 5000 50C	\$80	735	43	76.00	98	53.7	4373	3.04	94.3	6.72	85.8	5.96	0.034	142	18.23	5713	7773
27. Ovonic 5000 50C	\$80	690	39	75.44	99	55.3	4277	3.00	94.7	6.77	85.5	6.06	0.019	141	18.17	5590	8102
28. Jeti USA 5000 35C	\$129	730	20	66.15	92	52.0	4226	2.56	93.5	6.71	86.4	6.03	0.079	142	17.70	5499	7533
29. MaxAmps 5450 120C	\$238	715	2	7.91	11	0.2	3187	2.14	92.0	6.44	85.6	5.89	0.123	141	13.15	4073	5696

805 – 900 gram

100 AMP BATTERY TESTS

	Price	Weight Grams	3.7v E.T.	<RMS> LPB	3.6v E.T.	% > 3.6v	mAh to 3.5v	Flight Time	Peak Amps	Peak Thrust	Avg Amps	Avg Thrust	QC Bal	Max Temp	Thrust lb-Min	Watt Min	Watt Min/kg
1. SMC 6200 HCL-HV 75C	\$110	845	133	175.77	210	86.1	6164	4.04	100.7	7.27	90.9	6.29	0.022	134	25.59	8328	9856
2. SMC 5800 HCL-HV 120C	\$110	805	120	160.70	193	86.2	5687	3.44	100.4	7.15	91.4	6.28	0.028	129	23.45	7670	9528
3. LiperiAir 6000 80C (eta late JUNE)	\$96	865	99	159.55	203	82.7	6050	4.06	96.8	6.90	88.7	6.13	0.020	125	25.10	8047	9303
4. Gens Ace 5600 80C	\$142	860	94	143.90	181	81.1	5526	3.42	97.4	6.94	89.4	6.16	0.005	123	22.83	7357	8554
5. SMC 5300 SRD-V3 250C	\$130	850	97	141.17	174	89.0	4902	3.16	99.2	7.07	90.0	6.19	0.019	120	20.21	6578	7739
6. Admiral 5100 70C Carbon	\$120	820	96	140.04	173	83.8	5136	3.27	97.3	7.07	89.3	6.24	0.011	121	21.53	6872	8381
7. Spektrum 7000 30C Smart	\$170	900	85	136.93	174	64.1	6624	4.32	95.5	6.89	87.8	6.05	0.018	140	27.37	8722	9691
8. Zippy 6200 40C 8	\$93	895	92	132.18	163	76.7	5233	3.32	96.7	6.83	88.7	6.12	0.013	121	21.67	6928	7741
9. CNHL 6200 30C	\$73	865	78	126.36	161	69.8	5559	3.50	94.5	6.83	86.8	6.05	0.035	125	23.25	7335	8480
10. Pulse 5500 70C	\$170	820	77	125.24	159	68.3	5611	3.54	92.3	6.69	86.5	6.04	0.034	133	23.51	7398	9022
11. Yowoo 6000 100C Graphene	\$88	890	78	123.33	156	66.1	5720	3.56	95.8	6.93	87.2	6.04	0.019	130	23.77	7550	8483
12. Gens Ace 5500 60C	\$156	815	74	119.70	152	67.3	5513	3.46	94.9	6.74	87.6	6.06	0.012	130	22.88	7267	8917
13. Panther 5000 75C	\$117	830	86	114.49	137	77.5	4369	2.58	97.3	6.98	88.6	6.15	0.006	117	18.19	5819	7010
14. Jeti USA 7000 35C	\$159	880	71	113.63	144	56.7	6324	4.14	98.4	7.02	89.6	6.15	0.020	152	26.05	8291	9421
15. Turnigy HD 5000 60C	\$75	840	33	102.32	141	76.8	4419	3.04	92.4	6.56	86.7	6.01	0.036	121	18.38	5801	6906
16. HobbyStar 7200 100C	\$150	805	59	95.61	122	52.3	5772	3.52	99.4	7.07	89.4	6.14	0.011	156	23.78	7550	9207
17. QualPow 6000 100C	\$70	810	58	94.41	120	53.7	5361	3.44	93.6	6.76	86.0	6.03	0.038	139	22.58	7012	8656
18. Bolt LiHV 5000 65C	\$113	820	59	91.71	115	62.8	4373	3.04	92.9	6.62	85.6	5.97	0.016	122	18.32	5754	7018
19. HRB 6000 50C	\$70	820	33	81.88	111	53.4	4919	3.28	91.2	6.59	85.1	5.96	0.037	133	20.62	6411	7818
20. Jetwrx 6000 65C	\$140	860	10	77.05	109	51.5	5108	3.30	91.2	6.48	87.4	6.04	0.071	147	21.19	6633	7713

905 – 1000 gram

100 AMP BATTERY TESTS

	Price	Weight Grams	3.7v E.T.	<RMS> LPB	3.6v E.T.	% > 3.6v	mAh to 3.5v	Flight Time	Peak Amps	Peak Thrust	Avg Amps	Avg Thrust	QC Bal	Max Temp	Thrust lb-Min	Watt Min	Watt Min/kg
1. SMC 7200-6200 HCL-HV 75C @4.35v (eta JULY)	\$125	925	150	197.54	236	88.6	6817	4.26	101.8	7.36	92.1	6.31	0.015	125	28.03	9251	10002
2. SMC 6200 SRD-V3 250C	\$155	975	128	180.59	221	92.3	6003	4.00	99.2	7.13	90.2	6.18	0.009	120	24.68	8094	8301
3. SMC 7200-6200 HCL-HV 75C @4.20v (eta JULY)	\$125	925	117	167.52	206	87.1	5910	3.56	97.3	7.02	90.0	6.15	0.016	125	24.25	7930	8573
4. Gens Ace LiHV 6800 100C	\$160	945	125	166.88	200	76.8	6523	4.21	99.2	7.12	90.0	6.23	0.010	116	27.10	8747	9256
5. Gens Ace 6800 120C Bashing	\$163	925	105	164.13	207	78.1	6639	4.25	97.5	6.93	90.2	6.18	0.016	132	27.30	8815	9530
6. Admiral 6000 50C	\$125	915	106	158.64	198	83.7	5911	3.56	98.7	7.02	90.0	6.21	0.008	123	24.49	7894	8628
7. Panther 6000 75C	\$128	990	113	146.71	174	79.1	5410	3.40	96.2	7.04	88.5	6.17	0.019	115	22.62	7227	7300
8. CNHL 6000 65C Black Series	\$74	970	103	145.42	178	80.9	5542	3.40	101.6	7.40	90.7	6.37	0.020	113	23.37	7416	7646
9. Spektrum 6800 120C Basher	\$200	935	93	145.31	183	71.3	6365	4.18	96.2	6.86	89.0	6.09	0.025	129	26.14	8409	8994
10. Onyx Power 6500 90C	\$200	965	100	144.81	179	86.7	5335	3.26	103.6	7.42	93.0	6.42	0.046	115	22.11	7154	7413
11. Thunder Power 6600 55C Elite	\$239	950	89	136.31	171	68.3	6110	4.10	95.1	6.80	87.8	6.08	0.062	133	25.38	8067	8492
12. DNK Power 9000 P45B Li-ion	\$180	1060	33	76.71	103	53.4	4316	3.14	95.6	6.85	80.1	5.75	0.038	137	18.60	5649	5329

Events

Event Coordinator-Dan Abel

MAY	7	2 METER SAILPLANE	10:00	LARRY
JUNE	4	2 METER SAILPLANE	10:00	LARRY/JAN
	24&25	65 TH ANNUAL PATTERN CONTEST	8:30	JIM WEST
JULY	2	2 METER SAILPLANE	10:00	LARRY/JAN
	21&22	<u>PRE NATS PATTERN FLY</u>	10:00	ED/JIM
	29	EDF FLY IN		
AUGUST	6	2 METER SAILPLANE	10:00	LARRY/JAN
	20	SWAP MEET	8:00	
SEPTEMBER	2	SCALE FLY-IN	10:00	DON G
	23	OPEN HOUSE	10:00	
OCTOBER	7	COMPETITION FUN FLY		
NOVEMBER		NONE		
DECEMBER	TBD	CHRISTMAS DINNER	TBD	ED W



PHANTOM FLYERS RC CLUB

EDF FLY-IN



Event Date: July 29, 2023

AMA Membership Required

Flying starts at 10:00

Flying Ends at 3:00

Bring your EDF models and join us at the Phantom Flyers RC Field for a day of flying.

No Landing Fee 400' paved runway

Generators available to charge batteries



Event Director

Kevin Cox

(314)303-0259 (cell)

Email: kevncox@hotmail.com

DIRECTIONS

From HWY 370 go North on HWY 94
Go RT (stay straight) on to HWY "H"
Go RT on Towerline Rd.
Stay RT at the Yield sign
Follow Towerline Rd to the gravel Rd.
Go RT at the gravel Rd.
Phantom Flyers Field on RT in 1/2 mile
OR
Off HWY 94 go RT at Wiedey Rd. (gravel)
3 miles of gravel-not recommended



Field: 4101-4299 Wiedey Rd. St. Charles MO 63301

Direction to the field: phantomflyersrc.com

Phantom Flyers 65th Pattern Contest

Contestants of the event

More pictures found here <https://flic.kr/s/aHBqjAKhVJ>



Club Members at the contest

Also there but absent at picture time were Bill Reape and Don Bollinger
The help from supporting club member and spouses really makes for a great event.







Contest Results

401 - Sportsman

Name	Final Score	1	2	3	4
Stan Marmuziewicz	3000	1000	1000	1000	1000

403 - Advanced

Name	Final Score	1	2	3	4
Jeffrey Mueller	2957.82	957.82	1000	947.75	1000
Jan Jansen	2941.83	832.98	947.55	1000	994.28
Jim West	2899.76	1000	905.07	994.43	905.33
Walter Rhodes	2857.78	911.01	954.05	992.72	0
Don Grzina	2807.4	941.8	934.98	930.62	853.84
Jack Buydos	1489.99	790.38	699.61	0	0

402 - Intermediate

Name	Final Score	1	2	3
Angel Espinosa	2000	1000	1000	535.2
David Richards	1997.31	997.31	742.06	1000

404 - Masters

Name	Final Score	1	2	3
Bill Ahrens	2000	992.95	1000	1000
Jeff Buchner	1951.98	1000	914.38	951.98
Ed White	1775.67	961.38	814.29	704.49

406P - F3A - Prelim

Name	Final Score	1	2	3	4
Mark Barnett	3000	1000	1000	1000	1000
Mark Woytassek	2881.45	984.66	962.33	934.46	928.27

406S - F3A - Semi Finals

Name	Final Score	1
Mark Woytassek	960.49	960.49
Mark Barnett	1000	1000

2M Sailplane Contest

July 2

We had a good turnout for our Two-meter glider contest. Eight people total with 6 flyers. Two Flyers were last minute scratches, one due to a aircraft problem and one because of mild illness.

The air temp was cooler than previous days but the lift was hard to come by. We had the usual variety of gliders, two using hi start and 4 with on board electric launch. As usual there was a crosswind so the hi start flyers needed to adjust for it. We flew 5 rounds over the course of 2+ hours.

Kevin Cox took first place and was awarded a two meter balsa glider kit by Craft Air, called a "Step Two", donated by Bill Ott.

Kevin took some pics so you can watch for them.

The final results are below.

1. Kevin C.
2. Bill O.
3. Larry A
4. Jan J.
5. Bill R.
6. Bill A.

The next Two Meter Glider Contest will be Sunday August 6. Please come out for some laid-back fun flying.

Larry Anderson





More picture can be found here <https://flic.kr/s/aHBqjAL38m>

2023 Phantom Flyers RC Club Flying Site Mowing & Task Schedule

Weekend dates shown are Friday dates.

It is expected the mowing will occur within five days of the scheduled date.

The bold name is the team captain, responsible for scheduling the team.

Contact your team to arrange mutual date and time.

Coordinate container access with one of the following people prior to mowing.

Don Grzina (636) 233-0193, Ed White (636) 219-2255,

Mitch Galatioto (636) 734-6322

Report any equipment or grounds problems to any club officer.

**IF YOU ARE UNABLE TO MOW THE SCHEDULED WEEK,
IT IS YOUR RESPONSIBILITY TO SWAP WITH A REPLACEMENT.**

April				
7 *1	14	21	28 *2	
	Don Grzina	Ed White	Don Grzina	
	Jose Espinosa	Kevin Cox	Bill Ahrens	
	Jack Buydos		Jack Buydos	
May				
5 *1	12	19	26	
	Mitch Galatioto	Mitch Galatioto	Mitch Galatioto	
	Don Grzina	Jim Alberico	Jan Jansen	
		Larry Anderson	Richard Jenkins	
June				
2 *1	9	16	23 *3	30
John Klein	Jim West	Bill Ahrens	Kevin Cox	Richard Jenkins
Mike Mudd	Paul White	Jim Alberico	Jose Espinosa	John Klein
Dan Sundman	Brad Young	Larry Anderson	Jan Jansen	Mike Mudd
July				
7 *1	14	21 *4	28 *5	
Dan Sundman	Paul White	Jim Alberico	Kevin Cox	
Jim West	Brad Young	Larry Anderson	Jose Espinosa	
Ed White	Bill Ahrens	Jack Buydos	Jan Jansen	
August				
4 *1	11	18	25	
Richard Jenkins	Dan Sundman	Paul White	Jim Alberico	
John Kein	Jim West	Brad Young	Larry Anderson	
Mike Mudd	Ed White	Bill Ahrens	Jack Buydos	
September				
1 *1 *6	8	15	22 *2	29
Kevin Cox	Don Grzina	John Kein	Jim West	Brad Young
Jose Espinosa	Jan Jansen	Mike Mudd	Ed White	Bill Ahrens
Mitch Galatioto	Richard Jenkins	Dan Sundman	Paul White	Jim Alberico
October				
6 *1 *7	13	20	27	
Larry Anderson	Jose Espinosa	Jan Jansom	Mike Mudd	
Jack Buydos	Mitch Galatioto	Richard Jenkins	Dan Sundman	
Kevin Cox	Don Grzina	John Klein	Jim West	

***Notes: Additional volunteers for field prep will be greatly appreciated.**

*1: Gliders Sunday *2: Open House Saturday *3: Pattern Contest Friday – Sunday *4 Pre-NATS Flyin Friday -Saturday

*5: EDF Fly-in Saturday *6: Scale Fly-in Saturday *7 Comp Fun Fly Saturday

GSLMA Report

supplied by Harold Weaver

GSLMA Meeting – Tuesday, July 7, 2023

Location: Kirkwood Community Center

Notes by: Jeffrey C. Young

Meeting called to order: 7:00pm

Roll Call – St. Louis Rocketry, Aero Pilots, Lafayette Escadrille, Phantom Flyers, and Whirlybirds present.

June minutes – Read, motion, second, pass, none opposed.

Treasures Report:

None

Buder Park Permits:

None

Old Business:

- McConnell has completed the rest of the work in the RC area and Control Line area. Last and final work and bill complete \$4900.00. Submitted to Dave.
- Chairs yet to be purchased by Tom L. for RC area (approved previously). He will get those purchased.
- Drone race was completed without any issues. Another race to be held in July. Date TBD.

New Business:

- Buder Fly In August 12th – 50/50 drawing (3 collection sites but only one winner). One half of the funds to be donated to Wings of Hope.
- Rocket Launch moved to July 29 as an evening event.

Meeting closed 7:23pm

2023 Buder Park Event calendar

Greater St Louis Modeling
Association
www.gslma.com



Rockets

April 1	We are seriously launching some rockets!
April 30	Launch Day
May 27	Launch Day
June 24	Launch Day
July 30	Launch Day
Aug 12	All Buder Park Rockets Fly Day
Sept 30	Launch Day
Oct 28	3 rd Annual Spooktacular Launch

Radio Control

May 21	High Wing Day
June 9-11	Whirlybirds Fun Fly (not confirmed yet)
June 24	BBQ / Fun Fly
July 15	Jet Day
Aug 12	All Buder Park RC Fun Fly
Oct 21	Chili Cook off – Fun Fly – Swap Meet

Control Line

Feb 26	ISO-O-LATED CL Stunt & Speed
May 20-21	Midwest CL Speed
June 3	Spirit of St Louis CL Fun Fly
Aug 12	All Buder Park CL Fun Fly
Sept 16-17	Broken Arrow Stunt & Scale Contest
Sept 28-29	USA F2A World Cup (CL Speed)
Sept 30-Oct 1	Canada F2A World Cup (CL Speed).
Oct 7-8	Ringmaster Fly-A-Thon
Oct 28	Turkey Shoot (Fast, Slow, scramble, Balloon Bust)

Quad / Drone

Aug 12	All Buder Park Fun Fly
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Clubs / Groups flying at Buder

Lafayette Esquadriile

LafayetteEsquadriileCL.Wordpress.com



St. Louis Rocketry Association

Stlouisrocketry.com



STL Aeropilots

stlouisaeropilots.org

Whirlybirds

stlouiswhirlybirds.com

Don't forget to renew your membership!!

https://www.phantomflyersrc.com/wp-content/uploads/2021/03/phantomflyers_membershipform-fillable.pdf



<http://phantomflyersrc.com/>

<https://www.facebook.com/Phantom-Flyers-RC-Club-139791882811519/>

Check there for the back issues of the Carrier Wave Newsletter, mowing schedule, event calendar and club roster/contact information (handy for mowing).

Articles, pictures and tech notes for publishing in the Carrier Wave are always appreciated. Let us know what you are building, repairing or flying!

Send them to:

kevmox@charter.net