



Flight Lines

Lakeland R/C Club Inc

July 2017



Next Meetings

July 12, 2017

August 9, 2017

Visit our Web-site:
www.lakeland-rc.com

All meetings held on the
Second Wednesday of each
month at:

Waukesha State Bank
1227 Corporate Center Dr.
Oconomowoc, Wisconsin

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Upcoming Events

*July 15 Shawano RC club
Fun Fly*

*July 15 Astrowings Charity
Fun Fly, Grafton*

*July 29 Lakeland RC Fun
Fly*

June 14 2017

Meeting called to order at 7:35 with 26 members and guests in attendance.

Show and Tell

Dan Kleckner brought a [Precision Aerobatics Extra MX 58](#) w 58" empty weight is 3lb 8 oz., 4lb 10oz with 6s 3300 battery, prop is a 13X7. The motor is the one suggested by the manufacturer because the motor mount is odd: The motor is mounted behind the firewall. The first time he flew it, Dan had to add a lot of down trim. He suspects this is possibly due to how the horizontal stab is mounted. Once the elevator was trimmed, the model is a very predictable aerobatic flyer. Dan has flown a very similar model for several years, so this design has been around for a while. Dan gets 8-minute flights with 2200mAh cells. The model was on sale for \$180 for the airframe only, which is normally around \$250. There is a significant amount of carbon fiber added inside, and the landing gear is carbon fiber also.

Jim Zahorik brought an RC model of a 12m sailboat, using two channels; rudder and main and jib sails. The sails are controlled by a single servo. The boat needed a 4.8v battery for the receiver, but didn't have one on hand. Luckily, Jim had been flying the floatplane he showed off at the last meeting. He went for one last flight at sundown, but when he connected the battery (ec3 connectors), he couldn't see the connectors clearly due to his new progressive lenses. The contact touch to the wrong poles and the speed control smoked... The speed control was fried, but the BEC still worked, so Jim repurposed it for his sailboat to bring the battery voltage down to 4.8 to drive the receiver and servos in his boat.

A club member had a harrowing tale regarding a new batter: He acquired a new 6S 4000mAh battery for his Carbon Z and let his daughter fly it. With the new battery, she had a nine-minute flight, with plenty of capacity leftover. They went for a more aerobatic flight with loops and sustained inverted flight,(on her second RC flight ever). With a timer set at 9 minutes, she flew down to the 2 minute warning, and noticed "something wrong": The throttle was at full, but the plane was not making much headway.. Her dad took over and found he had flight controls but no throttle. At landing, they found there was only 2% capacity left on the battery, but the plane was intact. This was at well less than 9 minutes, but due to the more vigorous flight, the batteries had run down much more quickly.

New applicants Bob and Marty built their first RC plane from scratch: The structure is mostly foam board. They found a site "[Experimental Airlines](#)", with plans for planes from dollar store foam board and packing tape. Wings are 6 inch cord with a foam strips and dowel. Each wing half is made from a single piece of foam board, scored lengthwise and folded over the foam strip and dowel core. The airframe as it is now, represents about \$4 in foam and \$4 in tape. Club members chimed in with suggestions, such as replacing the double dowel wing spar with 3/8" or 1/2" O.D. carbon fiber rod. Jerry volunteered the spar from his late Carbon-Z cub.

Secretary Treasurer Report

With a deposit of \$200 from dues, the balance is \$2,614.44

Committee Reports

Fun Fly: A volunteer sheet is going around. Fun fly is Saturday, July 29th

Sky Ranch flyers fly-in is June 24th in West Bend: The club with the most registered flyers gets \$100, so members are encouraged to register.

Tetrahedron work continues, Dan K installed the pole base. Rikk will be skinning the thing this Saturday.

Hobby Town in Delafield is closing: a Sale starts tomorrow June 15th in advance of public notification.

Rikk mentioned that in the absence of Hobby Town, he probably has anything a hobbyist might need in his barn. John's hobby shop is still in Hartford. It's fairly small, and is 3/4 is trains and doll houses.

New Business

New Members voted in:

Karl Rolhoff, Brookfield. Unanimous

Kevin Eggleston. Unanimous

Rikk was contacted by a potential new member. Rikk met him at the field, he had only flown simulator, with a few tries at foamies. Got him in the air and he did fine. The second session he was making better landings than Rikk does, so apparently simulators do help with flying skills

Todd Weiler mentioned that there is a bill in the legislature that would allow each state to set up their own drone/RC plane policy. This was most likely in response to the FAA drone regulations being shot down.

Jim Z mentioned that this was brought up at the electrons meeting Sunday night. The electrons board decided that

there would be no FPV flying allowed at their site. This decision is based on two recent developments: The only way to legally fly FPV is under part 107 because the rules state that non-line of sight violates the FAR.

Jim had recently witnessed an FPV pilot flying from Oconomowoc high school and buzzing our field. He was also witnessed following an ultralight that was being piloted with a child as a passenger. He was also seen flying this model by Piggly Wiggly at around 100ft altitude, from Oconomowoc high school. Apparently, he flies from various locations, and has been reported to fly as far away as Delafield,

There is also an FPV pilot flying through Watertown, around the end of the full scale runway and buzzing the tower.

Rikk mentioned that Andy Runte had been at our field recently, and found some people there with an FPV racing course set up behind our pits. Andy didn't recognize anyone and asked if they were members, One individual said he was, and asked if it was ok if they kept flying back there, and Andy indicated that he was going to fly, and wasn't comfortable with them flying back there. They packed up and left.

Rikk feels at this point, we need to go talk to this FPV guy (Jim mentioned that there are at least two). And let him know he is damaging the hobby and at the least, should be flying over the runway.

Dan presented a proposal. He would like to take the big picnic table, and move it to the center of the field, and put bricks under it so he doesn't have to move it when he mows. Dan would like the club to Pay for the bricks, about \$100. Motion made by Chuck and seconded by Rikk . Motion passed unanimously.



Note: Rumor has it that this Thursday will be the last day for Hobby Town in Delafield



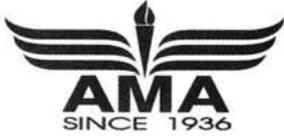
Dan Kleckner's Precision Aerobatics MX 58 by Precision Aerobatics



Jim Zahorik brought a 2 channel sailboat that gets radio power through a cannibalized aircraft ESC/BEC



Bob and Marty's homebuilt trainer from plans at Experimental Airlines



Application for Membership Lakeland RC

Club

Name: _____ AMA Number: _____

Address: _____

City: _____ St: _____ Zip: _____

Birth Date: _____ E-Mail Address: _____

Phone: (Home): _____ (Cell): _____

Junior Membership Probationary Membership Associate Membership (Flying Privileges)

With the completion of this form you become a Member of the Lakeland R/C Club in the category that you applied for. As a member you are allowed, on a limited basis, to participate in Club activities and use of the Club flying field facilities under close supervision. Prior to engaging in flying activities you must be a member of the Academy of Model Aeronautics (for insurance purposes).

A copy of the Lakeland R/C Club By Laws and Field Rules are attached which explain in detail the privileges and responsibilities of your membership category. Safety and courtesy are the utmost importance when using the flying facilities. Bylaws and Field Rules can be found on the Lakeland RC Site:

http://www.lakeland-rc.com/Pages/Application_and_Bylaws.aspx

Note: Lakeland does not use Channel 20 at field because of radio interference

How did you hear about us?

Friend Lakeland R/C Website Online Group Other: _____

As an applicant for membership in the Lakeland R/C Club, I hereby acknowledge my complete understanding of the above requirements. I also agree to comply with all field rules (and their accepted intent) through-out my association and contact with the Lakeland R/C Club.

Member

Date

Club Officer

Date

checks Payable to: Lakeland RC Club, inc. Note: 2016 Dues: \$90

Mail to: Lakeland RC Club
 C/O Dan Kleckner
 2010 Milwaukee St
 Delafield, WI 53018-2006

You must register with the FAA to fly your aircraft - <https://registermyuas.faa.gov/>