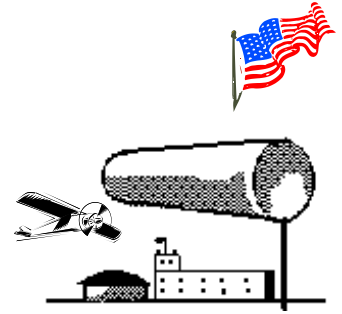


THE WINDSOCK

PUBLICATION OF THE TRI-LAKES R/C FLYING CLUB

EDITOR - DON JOHNSON - 272 SOUTH PORT LN Unit 33, KIMBERLING CITY, MO 65686
(417) 779-5340 e-mail donmarj@lvbw.net

CLUB WEB SITE <http://www.bransonrc.org>



VOLUME 16 ISSUE 5

MAY 2009

WHAT TO DO ON A WINDY DAY?



Ok! It has been a slow news month due to all the wind this spring, so had to dig deep for a front page picture and story. Can't do much about the wind but you can still fly! Your Editor brought the above Spectrum 7 DSM2 radio and Park Zone Ember to the April meeting and proceeded to put in a couple of flights, before and after the meeting. Even made a couple of good attempts to land on the table top. With a little practice a 20 by 20 foot space is about all you need to fly this plane. The Ember comes ready to fly, has a 14 1/2 inch wing span, weighs one half ounce and is made of carbon fiber rod and printed clear film. It's light weight, flexibility and slow speed allow it to bounce off most obstacles without damage. It is controlled by the "brick", which is an integrated receiver, speed control and two linear servos. If you have a Spectrum radio you can get the bind-and-fly Ember (with battery and charger) for \$100 or \$130 for the Ember with transmitter. The Spectrum radio allows a lot more flight tuning than the included transmitter. Also from Horizon Hobby you could get the Ember, which is about the same as the vapor but with foam flying surfaces, or you could get one of the Blade helicopters for indoor flight. Soooo when the wind blows just grab your plane and fly around the furniture to keep your skills up. Might be more fun than the simulator.

THE PRESIDENT'S CORNER

Greetings fellow pilots.

I want to thank everyone who came out on Monday and Tuesday the 27th and 28th of April and helped put up the anti-armadillo electric fence. I'd mention names but I wouldn't want to leave someone out. A special thanks to Fritz for planning the whole thing. I really hope this works because we are starting to see evidence that they are tearing up the field. Be careful and don't trip over the wire if you have to go into the long grass. And if you run a plane through it let us know so we can repair the wire if necessary.

We had a good fun-fly on the 12th even though we had to dodge a few showers. Too bad Sid had the problem with his plane or we would have come through unscathed. If he had crashed on the field he would have won that event!

The May meeting (and the next ones until Oct) will be at the field so come early and fly before the meeting.

See you then, Bud

THE EDITOR'S NOTE PAD

The **Critter Guard** is up! After much debate on how to keep the armadillos from tearing up the field, it was decided that an electric fence was probably the most effective and least costly (over time) way to discourage these critters from hanging around our field. When first proposed it seemed like an awesome project but with Fritz's planning and direction several old guys got it in and running in just two days—albeit with more than a few sore muscles. Hopefully this will go a long way in solving our critter problem.

One of the reasons for getting the Ember shown on page one was obviously to fly indoors. But the second reason was the Brick, its little receiver, speed control and two servo module that could be adapted to many small balsa models in the 12 to 18 inch wingspan range. How about a three channel 16 inch Guillows Grumman Avenger or maybe an 18 inch Phantom Flash R.O.G. Want something more exciting. How about a aerobatic four channel 15.75 inch Sukhoi that Horizon Hobby is releasing this month. The bind-n-fly version (to the Spectrum radio) is only \$100.

Time to land for this month.....ed.

TRI-LAKES FINANCIAL STATEMENT 2009

		APR	Y T D
BALANCE	4/1/2009	\$ 2,537.88	\$ 2,524.58
INCOME-DUES -----		\$ 80.00	\$ 788.36
INCOME-SHIRTS&CAPS		\$ -	\$ -
INCOME-FOOD -----		\$ 29.00	\$ 29.00
INCOME-50/50 -----		\$ 4.50	\$ 19.50
INCOME-MISC -----		\$ -	\$ -
EXPENSE-FIELD -----		\$ 22.60	\$ 530.80
EXPENSE-NEWSLETTER		\$ 8.40	\$ 8.40
EXPENSE-SHIRTS&CAPS		\$ -	\$ -
EXPENSE-FOOD -----		\$ 33.10	\$ 33.10
EXPENSE-AMA -----		\$ -	\$ 105.00
EXPENSE-Web -----		\$ -	\$ -
EXPENSE-meeting room		\$ 25.00	\$ 50.00
EXPENSE-MISC -----		\$ -	\$ 71.86
BALANCE	5/1/2009	\$ 2,562.28	\$ 2,562.28

CURRENT 2009 CLUB MEMBERS

Below are the names of the 24 members that are current in their 2009 Club dues.

Rick Almond, Bud Austin, Sid Beckham, Friz Corbin, Gene Fuson, Larry Gliser, Jim Halbert, Don Johnson, Reader Jones, Joe Major, Annette McEvoy, Jack McEvoy, Dave Medley, Tom Mckenzie, Keith Oxby, Richard Peterson, Robert Pilecki, Henry Racette, Erv Rohde, Howard Shire, Gary Smith, Robert Smith, Roy Steinzel and John Woods.

If you feel your 2009 Club dues are current but you are not on the above list contact Erv Rohde for needed corrections.

MEETING MINUTES

TRI-LAKES R/C FLYING CLUB

APRIL 14, 2009

The meeting was called to order by president Bud Austin at 6:00 P.M. at the Branson Rec-Plex

All officers were present. There were 12 members present including the officers. Ellen Fuson was the only visitor.

Committee Reports

Erv Rhode reported that we had \$2,737.88 on hand. Erv won the 50/50 raffle. He collected \$4.50, half of the \$11 collected.

Minutes of the March meeting were approved as published in the Newsletter.

Old Business

Fritz Corbin reported on the feasibility of installing an electric fence to keep the Armadillos off the flying field. He stated the cost would be \$420 to run 2,550 feet of fence. He said that he would like the fence to go around the complete mowed area.

John Woods made a motion that we install an electric fence as proposed. Gene Fuson seconded the motion. The motion passed by an 11 to 1 vote.

The Fun Fly is scheduled for April 18. In case of bad weather it will be rescheduled for April 25. If the weather is bad on that date the Fun Fly will be cancelled. The schedule of events is in the April newsletter.

New Business

Howard Shire reported that we had received our certificate of insurance and that a copy would be sent to Brenda Oswald. He also reviewed the AMA's Bringing Modelers Together Program and passed out the fliers from the AMA office.

John Woods made a suggestion that we change the way we charge new members. He suggested that it might be better to give new members a break on their first year dues and then charge them the full membership fee on the second year. After much discussion the idea was tabled until the next meeting.

Meeting adjourned at 7:00 P.M.

NEW MEMBERS

Not really a new member but Larry Gliser has rejoined the Club after at least a year's absence. This brings our current Club membership up to 24.

Welcome back Larry, it's good to see you back at Rocky Top Field.

From the March 2009 AMA INSIDER

From the Rocky Mountain Flying Machine, Albuquerque, New Mexico

Hints for Airplane Set Up

By Richard Lindberg

1. Alignment of wing.
2. Incidence of wing.
3. Alignment of stabilizer.
4. Incidence of stabilizer.
5. Engine thrust line; all directions. Is it correct?
6. Ailerons: TE aligned with wing TE. Straight.
7. Elevators 1: TE aligned with chord line of stabilizer.
8. Elevators 2: TE aligned with each other.
9. Rudder: aligned with fuselage centerline.
10. Control travels 1: same both directions on all surfaces.
11. Control travels 2: balanced aileron and elevator throws. *
12. Radio: exponential on aileron, elevator, rudder; at least 25% to start.
13. CG: (static) set per the manufacturer, your experience, then forward at least ¼ inch. *
14. Landing gear: check every piece; align wheel track.
15. Control system: check every piece; Loctite, glue, tighten as needed, then check again.
16. Canopy, belly pan, cowl, propeller, spinner, tail wheel: check every screw, washer, nut, bolt, latch. They have to work here to work there.
17. Tank plumbing: tank tubes, lines, clunks, tees, check valves, plugs.
18. CG: see step 13. Write down someplace.
19. Control movements: correct directions and amounts. Write down.
20. Battery check: Check battery!
21. If transmitter permits, "copy" this airplane to another, save with a version name, and keep it there unchanged. It is your original, in case you program yourself into an unflyable condition.

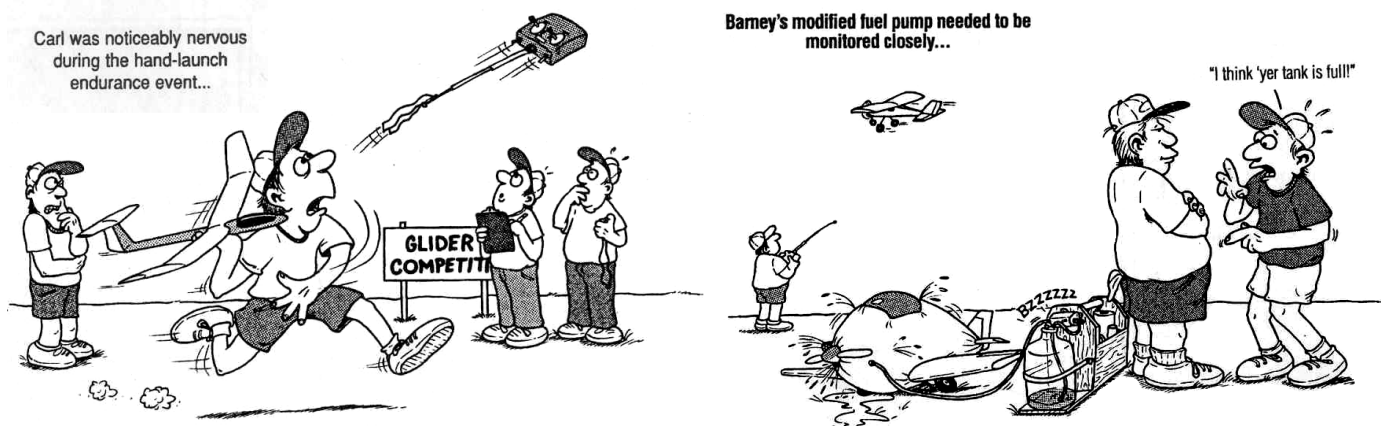
The items marked * are based on my personal experience and are my preferences. I like a balanced feel to elevator and aileron, hence the setup I listed. Same for exponential. In most control systems we use these days, you need about 25% or so to get to the "linear" travel point on the system you have. So, if you set 30% exponential, remember it's only 5% "real" exponential. The reason I recommend the forward CG is that many fliers mistakenly set the CG on their airplanes too far aft. Until you have personally tried a slight forward CG (like suggested above) you won't believe how much better your airplane will fly. Trust me on this; try it, you'll like it.

By the way: item 20. Everything associated with your airborne and transmitter batteries needs to be checked by you at least twice, then you spouse or significant other, then whoever is at the field when you put the thing together. Trust me.

Now, this is not a comprehensive trimming chart, but it is a handy reference checklist for that new airplane you're either building or preparing to haul to the field.

Also, if you aren't already in the habit of writing down your particular airplane setup, begin now. Knowing where you started from makes things a lot easier when you are at the field tweaking everything. And don't forget to date your lists. The important idea is to keep a record of where you are, so you can more easily figure out where you went. →

Cartoons *From the 1995 Warped Wings Calendar by Bob Zimmerman*



APRIL FUN FLY

With threatening weather several Club members met at Rocky Top Field to see if a Fun Fly could be flown that day. About noon the weather actually looked good and the traditional BBQ, with grub supplied by John Woods and hot dogs cooked by chef Erv Rohde, was provided. With lunch over the pilot's meeting was held and the Fun Fly was started a little before 1 PM.

The first event was a **Timed Flight With Loops And Rolls**. The pilot is to take off, do as many loop and roll sets as possible, then land and stop his plane. Time starts when plane starts and stops when plane stops. Pilot gets 5 points for each loop & roll and a 1 point penalty for each second more or less than a minute. There is also a 20 point penalty if the plane stops off the field. Sid Beckham lead off with a spectacular flight. Unfortunately the landing was straight down and off the field. Had it landed just a few feet west (on the runway) it would have been a good score but the plane would still have been a mess. The First Place pilot was Erv Rohde with 34 points, 10 loops & rolls and 16 seconds over. Howard Shire took Second Place at 32 points, 8 loops & rolls and 8 seconds over. John Woods took Third Place at 30 points, 9 loops & rolls with a 15 second penalty. Fourth was Bud Austin at 21 points and in Fifth was Fritz Corbin with 15 points.

The next event was **Erv's 6 Ground Targets**. The two center targets make up the start line. Pass the start line and knock down the two south targets. Taxi back and knock down one of the start line targets then proceed and knock down the two north targets. Then come back and knock down the remaining start line target. Time starts when plane passes the start line and ends when the last target is knocked down. Penalties, 5 seconds for breaking a target in two

pieces, 10 for becoming airborne, 15 for breaking a target into more than two pieces and 10 for not following the rules. Don Johnson came in First with 66 seconds and no penalties. Second Place was John Woods with 68 seconds and Howard Shire was Third with 74 seconds. In Fourth Place was Bud Austin at 104 seconds. Erv was the only one to break a target which is surprising since the first time a similar event was run most of the targets were destroyed by props.

The last event was **Timed Touch & Go landings**. Take off and do five touch and go landings—one per pass. One main wheel must touch the runway on each T & G. Time starts when the plane moves and ends on the fifth touch down. Shortest time wins. John Woods took First Place with a time of 76 seconds. In Second Place was Don Johnson with 87 second and in Third was Bud Austin with 88 seconds. In Fourth Place was Howard Shire with 89 seconds. Dead engines plagued the last two competitors.

Overall results: John Woods took First Place Overall with 220 Top Gun 2009 points. Second Place was Don Johnson with 180 points and Third Place was Howard Shire with 150 points. Erv Rohde took Fourth with 130 points and Bud Austin was Fifth with 110 Points.

Thanks to all the Pilots that braved the weather and the several short rain delays encountered during this Fun Fly. Also thanks to Reeder Jones who stepped in to time and score the events, Claudia Shire for bringing donuts for lunch desert, Erv Rohde for his guest event and everyone else that helped with the lunch and running the events.

The next Fun Fly is scheduled for June 13th. We hope for better weather and a big turnout for that event.

MAY MEETING

MAY 12, 2009 6:00 PM

Meet at **ROCKY TOP FIELD.**
In case of severe weather
meet at the **Branson Rec-
Plex**

**Program Fly before the meet-
ing. Bring your current pro-
jects for show and tell**

TRI-LAKES R/C FLYING CLUB

PRESIDENT

BUD AUSTIN 561-4466

VICE-PRESIDENT

FRITZ CORBIN 272-1106

SECRETARY

HOWARD SHIRE 779-5069

TREASURER

ERV ROHDE 538-2439

SAFETY OFFICER

GENE FUSON 538-9346

FIELD MARSHALL

FRITZ CORBIN 272-1106

INSTRUCTORS

JOE MAJOR 336-8060

ERV ROHDE 538-2439

JOHN WOODS 338-8419

TRI-LAKES R/C FLYING CLUB

Don Johnson - Editor
272 South Port Ln. Unit 33
Kimberling City, MO 65686

SAFETY FIRST

ARMADILLOS BEWARE!!!!

Our new electric fence is installed completely around our field and is running. There are going to be some shocked snouts out there. Make sure yours is not one of them. The fence is 3 inches above the grass so that we can accommodate the shortest of armadillos. The electrical strength of this fence was tested by a couple of volunteers. Some tested it more than once. Some are a little slow learning if you ask me. Yes John, it will penetrate a tennis shoe. Please be careful not to trip over the wire, it is sturdy but could be broken.

See You at the Field,

Gene Fuson
Safety Officer

