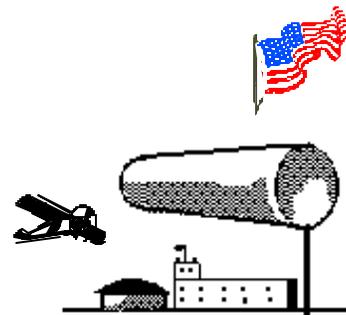


# THE WINDSOCK

PUBLICATION OF THE TRI-LAKES R/C FLYING CLUB  
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VOLUME 11 ISSUE 5

MAY 2004

## MAY MEETING

MAY 11, 7:00 PM

Meet at Rocky Top Field. In case of bad weather we will meet at the Branson Community Center.

## Program

Bring your new projects for Show and Tell.

## THE PRESIDENT'S CORNER

It is time to start thinking about our get together in May. I don't know what the women have planned but I do know they need your help to make it a success. If you haven't already contacted Annette or Cathy to tell them what you can bring, please do so soon, so they can coordinate the event. We really appreciate the effort of these ladies to make our sport more interesting.

Speaking of events! The weather was threatening and the wind was forecast for 10 to 15 MPH. Most of us figured we would just be go-

ing to the field and have a hotdog with our friends. I don't know if Roscoe has connections upstairs or what, but the rain held off and the wind stayed below gale force enabling us to complete our April fun fly. Thanks Roscoe!

We had a new chef this time. Phil Equi came out with all the right utensils and did a good job cooking up the hot dogs. Thanks Phil!

If we ever get a break in the weather we will see you at the field.

Howard

## TRI-LAKES R/C FLYING CLUB

**PRESIDENT**  
 HOWARD SHIRE 779-5069

**VICE-PRESIDENT**  
 GARY METZGER 334-0851

**SECRETARY**  
 ANNETTE McEVOY  
 417 883-9630

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 ERV ROHDE 538-2439

**SAFETY OFFICER**  
 ROSCOE FUDGE 336-5841

**FIELD MARSHALL**  
 HOMER ZOBEL 779-1735

**INSTRUCTORS**  
 MIKE ANDERSON 272-3155  
 RAY DIXSON 870 426-4310  
 ROSCOE FUDGE 336-5841  
 JOE MAJOR 337-5808  
 ERV ROHDE 538-2439  
 JOHN WOODS 338-8419

## TRI-LAKES FINANCIAL STATEMENT

	APR	Y T D
BALANCE 4/1/2004	\$ 1,780.82	\$ 1,645.95
INCOME-DUES -----	\$ 120.00	\$ 945.90
INCOME-SHIRTS&CAPS	\$ 62.50	\$ 72.50
INCOME-FOOD -----	\$ -	\$ -
INCOME-50/50 -----	\$ 9.00	\$ 30.00
INCOME-MISC -----	\$ 4.00	\$ 4.00
EXPENSE-FIELD -----	\$ 91.28	\$ 615.91
EXPENSE-NEWSLETTER	\$ 45.37	\$ 52.77
EXPENSE-SHIRTS&CAPS	\$ -	\$ -
EXPENSE-FOOD -----	\$ 42.27	\$ 42.27
EXPENSE-AMA -----	\$ -	\$ 130.00
EXPENSE-Web -----	\$ -	\$ -
EXPENSE-meeting room	\$ -	\$ 60.00
EXPENSE-MISC -----	\$ -	\$ -
BALANCE 5/1/2004	\$ 1,797.40	\$ 1,797.40

# MEETING MINUTES

## TRI-LAKES R/C FLYING CLUB

April 13, 2004

President Howard Shire opened the meeting at 7:02 P. M. at the Branson Community Center. All officers except Erv Rohde were present. There were 18 members present and guests Cherie Silva and Alvina Moon. The minutes from the March meeting were approved as published in the April newsletter. Howard Shire reported that the treasury balance as of April 1<sup>st</sup> was \$1,780.83. The 50/50 raffle was won by Henry Racette who received ½ of \$18.00.

**Committee Reports:** No committee reports.

**Announcements and Old Business:** Howard Shire asked again that everyone send pictures to Mike Anderson for the web page.

John Woods has nothing to report at the present time regarding an indoor flying location.

The Mall Show is on hold – no co-operation from the Mall management regarding a date.

The Bentonville Flying Tigers are having a fun fly on May 16<sup>th</sup>. — Tom Hammer is having a Dawn Patrol June 11<sup>th</sup> and 12<sup>th</sup>. 50 Pilots are already registered. — There will be a fly-in September 18<sup>th</sup> and 19<sup>th</sup> at Eldorado, Arkansas. — A “3-D-in” will be held the latter part of June, will be a ProBro Event. More information will be available next month.

Vern Clark from Phoenix, AZ called asking if we would teach his son to fly, this is a possible new member.

The results from the instructors meeting held last month were discussed. They talked about having a standard program printed and given to new pilots that can be signed off by their instructor as they learn different flying maneuvers.

Howard announced that we were asked to remain outside the building or go to the small room on the side of the main area if arriving at the Community Center before 6:45p.m. when meeting here. He also reminded everyone that next month's meeting will be held at the field, weather permitting.

**New Business:** Roscoe Fudge said that the upcoming fun fly on the 17<sup>th</sup> will have the Limbo contest if it's not too windy. There will be a timed 2 loops, closest to the plate landing event. The 3<sup>d</sup> event will be a mystery event to be announced the day of the fun fly. Howard is picking up the food for the event.

Howard said that the old mower needed \$91.28 in parts, labor was done by members and the mower is now in good shape.

Mike Anderson wants to change the location for the Web Host – will save \$30.00. Everyone was in agreement to

make the change.

Don Johnson donated some Robart all in one prop wrenches to the club which were sold for \$2.00 each.

Annette McEvoy asked if there was interest in having another “pot luck event” on May 22<sup>nd</sup>. Everyone agreed that they like to eat. Contact her to let us know what you will be bringing.

Homer Zobel was presented with his New Year's Day fun fly certificate and received a big thanks for all his hard work keeping the field in such great shape for us.

Howard read a “Thank You” card from the World Scale Champs for the \$25 we donated.

**Program: John Woods** had a variety of parts and information regarding electrics including info on motor timing, and how to make changes for reverse running. Said there is all kind of stuff available at abahobbies.com if you're interested in picking up some of it. \*\*\*\*

**Reeder Jones** brought a sling shot and said that if you use it with fishing line on an open face reel it is a neat way to retrieve your plane should it decide to make a landing in one the trees. He also had his new Top Flite 1/7<sup>th</sup> scale AT6 Texan with a 70” wing span with 40 degree flaps. Weighs between 7 & 7 ½# with an OS61FX engine & 4” wheels. Finished off with gray and red Monokote covering. \*\*\*\* Next up was **Homer Zobel** with his 1/5<sup>th</sup> scale Pica kit T28 featuring a Zenoah G26. It's sheeted with 1/8” balsa, solid bulkheads and will weigh 12 ½ to 14 pounds when finished. He'll be using 9 servos and probably finish it with Monokote. \*\*\*\*

**Henry Racette** brought his Neptune Seamaster ARF seaplane that he's really enjoying flying off of Cow Creek. \*\*\*\* **Gary Metzger** showed some of his latest electric purchases including 10c Li-poly batteries that sustain 9 amps and take bursts of 12 amps; a “dumb man's battery charger”, speed control and a \$35.00 foam kit from Hobby Lobby. \*\*\*\* **Jim Halbert** had an AXI motor in a pink foamy. The engine case spins inside of the tube, says it flies great but that the landing gear is too far back and it goes end over end on landing. He plans on adjusting this problem. \*\*\*\* **Bud Austin** had a couple of small electrics from plans that he got off the internet, a T-tail and a V-tail. Said need more power. \*\*\*\* **Joe Major** brought his Sig Something Extra with a YS63 4 stroke. It's fuel injected and super charged, and flies good. Runs 9800 RPM with a 14x4 prop and weighs in at 5#. \*\*\*\* **Roscoe Fudge** has a Lazy Bee Special for sale for \$65.00. Will take 10-15 glo or 2212 brushless. \*\*\*\* **Ken Adams** is moving from the area and is selling out his R/C inventory. Call him at 417-337-9891 to find what's available in addition to an Ultra Stick with 180 Saito; a Hanger 9 Cub with Saito 56; Advance 40 AeroBatic; Stinson Reliant; Futaba radio and Tiger Trainer w/Mag 56.

Meeting adjourned at 8:19 p.m.

## THE EDITOR'S NOTE PAD

The weather seems to be bad on every flying day (wet or windy) so not too much to report on this month. We did get the April Fun Fly in, which is good, even though it was pretty windy. Hopefully May will bring great flying.

Got a Safety Alert on LiPoly batteries from AMA by email. Not sure how many other members also received it, so decided to reproduce it below. All that use LiPoly cells should read and heed the suggestions to insure safe operation of this new technology.

Time to land for this month.

## CURRENT (2004) CLUB MEMBERS

The following members are current in their 2004 Club membership. If you are not on the list but feel you should be, contact Erv Rohde.

Gary Acton, Ken Adams,s, Erin Anderson, Mike Anderson, Lowell Austin, Sid Beckham, Richard Berthold, Del D'Alessandro, Paul Denney, Ray Dixson, Phil Equi, Al Freeman, Roscoe Fudge, Larry Gliser, Geoffrey Gunther, Jim Halbert, Don Johnson, Reeder Jones, Curt Krause, Edward Leonard, Joe Major, Annette McEvoy, Jack McEvoy, Tom Mckenzie, Gary Metzger, Bob Miller, Steve Miller, Virgil Moon, Dick Peterson, Phillip Pisciotta, Henry Racette, Bob Robson, Erv Rohde, Howard Shire, Del Silva, Wade Stine, Dale Strahan, Ray Wommack, John Woods, and Homer Zobel.

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# EMERGENCY SAFETY ALERT

## Lithium Battery Fires

Lithium batteries are becoming very popular for powering the control and power systems in our models. This is true because of their very high energy density (amp-hrs/wt. ratio) compared to NiCads or other batteries. With high energy comes increased risk in their use. The, principal, risk is FIRE which can result from improper charging, crash damage, or shorting the batteries. All vendors of these batteries warn their customers of this danger and recommend extreme caution in their use. In spite of this **many** fires have occurred as a result of the use of Lithium Polymer batteries, resulting in loss of models, automobiles, and other property. Homes and garages and workshops have also burned. A lithium battery fire is **very hot** (several thousand degrees) and is an excellent initiator for ancillary (resulting) fires. Fire occurs due to contact between Lithium and oxygen in the air. **It does not need any other source of ignition, or fuel to start**, and burns almost explosively.

These batteries must be used in a manner that precludes ancillary fire. The following is recommended:

**Store, and charge, in a fireproof container;** never in your model.

Charge in a protected area devoid of combustibles. Always stand watch over the charging process. **Never leave the charging process unattended.**

In the event of damage from crashes, etc, carefully remove to a safe place for at least a half hour to observe. Physically damaged cells could erupt into flame, and, after sufficient time to ensure safety, should be discarded in accordance with the instructions which came with the batteries. **Never attempt to charge a cell with physical damage**, regardless of how slight.

Always use chargers designed for the **specific** purpose, preferably having a fixed setting for your particular pack. Many fires occur in using selectable/adjustable chargers improperly set. Never attempt to charge Lithium cells with a charger which is not, specifically, designed for charging Lithium cells. **Never use chargers designed for Nickel Cadmium batteries.**

Use charging systems that monitor and control the charge state of each cell in the pack. Unbalanced cells can lead to disaster if it permits overcharge of a single cell in the pack. If the batteries show **any sign of swelling**, discontinue charging, and **remove them to a safe place outside** as they could erupt into flames.

Most important: **NEVER PLUG IN A BATTERY AND LEAVE IT TO CHARGE UNATTENDED OVERNIGHT.**

Serious fires have resulted from this practice.

Do not attempt to make your own battery packs from individual cells.

These batteries CANNOT be handled and charged casually such as has been the practice for years with other types of batteries. The consequence of this practice can be very serious resulting in major property damage and/ or personal harm

### Safety Committee

#### Academy of Model Aeronautics

5161 E Memorial Drive  
Muncie, IN 47302

# APRIL FUN FLY

Even though the forecast was for windy conditions, by noon a good group had gathered at Rocky Top Field for the Fun Fly competition or just to watch the action. Phil Equi was cooking hotdogs for lunch prior to the start of the events and Roscoe Fudge, this years Fun Fly Director, was sorting through his options, trying to decide what events to run in these windy conditions. By 11:45 everything was sorted out and the pilot's meeting was held.

The first event was a timed event. Take off, do two good loops, do a touch and go within a marked rectangle on the runway, then land on a target on the runway. Add one second to the airtime for each foot the touch down was from the target. Shortest time wins. First place went to Joe Major with his new plane ( Something Extra I think) with a time of 47 second plus a 5 second penalty. Mike Anderson was second with 50 second plus 7 penalty and new member Bud Austin was third with 49 plus 9. John Woods had the best air time with 37 second but touched down 25 feet from the target for a fourth place finish. A couple of pilots, named Roscoe and Wade, had trouble keeping their engines running and had DNF's.

The next event was Sky Bowling. Try to knock down ten bowling pins on the runway with a whiffle ball tied to the airplane with a twenty foot string. Although every one made some good passes at the pins, only Wade Stine was able (lucky) to knock down any pins. He knocked down five pins and took first place. Everyone else tied for second place. This event has been run three times with a grand total of six pins knocked down. May need to rethink this event!

The last event was another timed event. Take off and then touch down in exactly 90 seconds with no watch or timing help. A one second penalty is added for each second un-

der or over the 90 seconds. As usual some members tried to engage the pilots in conversation while their planes were in the air, a strategy ploy that did work in a couple of cases. But keeping his mind on what he was doing, Bud Austin took first place with only a 2 second penalty. Mike Anderson was able to take second place with a 7 second penalty and Wade Stine took third with a 14 second penalty. Dale Strahan came in fourth with a 17 second penalty.

First place overall was captured by new member Bud Austin flying a couple of fairly large birds. He earned 175 points and is currently the leader for the Top Gun 2004 award. Second place went to Mike Anderson with 165 points and third place went to Wade Stine with 160 points. Fourth place went to Joe Major with 135 points and fifth place went to Dale Strahan with 75 points.

In spite of the wind, everyone had a good time. Many thanks to Fun Fly Director Roscoe Fudge, Chef Phil Equi and everyone else that helped run the Fun Fly and supply the lunch. The next Fun Fly will be June 12th.



Above is Sky Bowling event winner Wade Stine flying his big U Can Do on one of his three passes at the pins.



Above, Reeder Jones brought his new Top Flite 1/7th scale AT6 Texan to the meeting. With a 70 inch wing span and O.S. 61 engine it is an impressive airplane. It even has a pilot!



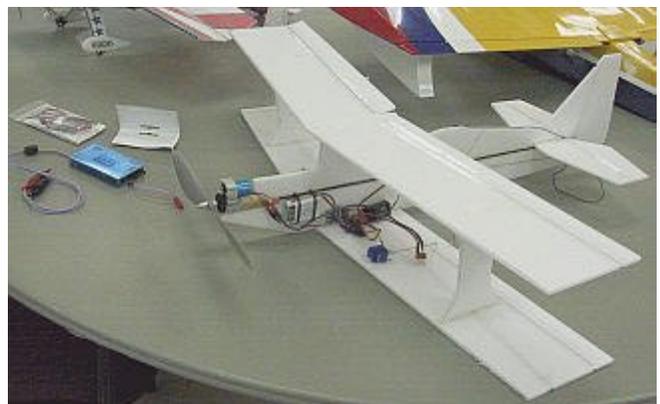
Above, Henry Racetti brought his Neptune Seamaster ARF to show off at the meeting. He says he is having a lot of fun flying it off Table Rock Lake.



Above Homer Zobel shows off his new T-28 project. With a Zenoah G26 and weighing about 12 to 14 pounds, this will be an impressive bird. He will use 9 servos to control it. Homer had a smaller T-28 which was a great flyer until it met an untimely end.



Above is Jim Halbert's idea of a foamy Ultimate Bipe. But instead of Fan Fold foam, he hot wire cut it from pink foam and lengthened the fuselage quite a bit. The AXI outrunner motor is mounted to the front of a tube and rotates inside the tube without touching the sides. It flies well but usually tips over on landing.



Above are some of the things that Gary Metzger got when he went to the Toledo Model Show. At the left is one of two Shock Flyers that he bought, complete with AXI Motors and LiPoly batteries. It is very light and should be a great "indoor" flyer. On the right is his Ultra Bipe with brushless motor, GWS gearbox and LiPoly battery. In front of the bipe is some other goodies that he picked up like the Aztec 2500 LiPoly charger and Phoenix 25 Speed control. He also managed to bring back a big gasoline engine for one of his big planes. How much was it that you really spent in Toledo Gary?

## Words of wisdom from Club Safety Officer Roscoe Fudge

Stop, Look and Listen before you taxi a plane onto the runway for take off.

Roscoe



The picture on the left is the “before” picture right after the transmitter failed. The picture above is the “after” picture— after about 30 hours of rebuild and repair on the Editor’s 4 Star 40. Below are a couple more Sky Bowling pics. Left is Dale Strahan’s pass at the pins (the fallen pins was due to wind) and Mike Anderson’s pass at the pins.



**TRI-LAKES R/C FLYING CLUB**  
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