



Club Officers

President

Skip Weller
753-5352

Vice President

Scott Gizzie
943-3602
srgizzie@nuclearfuelservices.com

Secretary

Ed Fenell
538-9667
p51@johnsoncitytn.org

Treasurer

Vic Koenig
282-0572
V54koenig@cs.com

Newsletter Editor

Roy "Eddie" Cline
477-0681
exoticcar@aol.com

Safety Officer

Don Martin
477-2733
duckslam@aol.com

Field Marshals

Jared Smith
787-0299
justsmith@xtn.net

Duke Fenelon
956-5158

dukejan@preferred.com

The President's Report

Hello Everyone,

I would like to thank all the people who turned out for last month's meeting. We had a very good turn out despite the bad weather. Hopefully this month we will have better weather for the meeting and be able to get some flying in after the meeting. Come early so you can get some flying in.

I would like to thank Eddie Cline for the great job he did with the Boy Scout fly in. We had 46 boy scouts plus the leaders and their family members. Everybody that wanted to fly was able to fly. I would also like to thank all the volunteers who helped with the project. Without their help we would have never been able to accomplish this fly in. The event came off without any problems, everyone seemed to have a good time, and the weather cooperated. Again thanks to all the volunteers for all their hard work and effort concerning this event. Again SPECIAL thanks to Eddie for all his hard work.

This month's meeting will be held at the field on Tuesday May 25 at 6:45. Hope to see you all there!

Safe Flying
Skip

Next Meeting is:
Tuesday May 25th, 2004 6:45 PM at the
Bowser Ridge Model Airport.

The deadline for next month's newsletter will be June 10th, 2004.

From the Editor...

Please try to get articles and advertisements to me in the first two weeks of each month. This will insure that I have adequate time to get them in the newsletter. I also would like to remind everyone to take advantage of listing any items you have for sale and feel free to share: photos, tips, ideas, interesting articles, product reviews, up-coming events and any other points of interest. Let the rest of us know what new planes that you're currently building. It will take input from all of our members to truly make a worthwhile newsletter. You can contact me by phone, letter, or e-mail.

Thank You
Roy "Eddie" Cline
237 Cedar Ln
Gray, TN. 37615
(423)477-0681
exoticcar@aol.com

Items for Sale...

Hobbico Avistar 40 RTF (semi-symmetrical wing) with OS 40 LA, and Futaba 4 channel radio factory installed. This plane was bought Christmas before last brand new (\$300 plus shipping) and has never been flown. Just fill with fuel, charge and fly. Will sell all for \$265.

Paul Meyer H#279-9896 W#245-0501
Email: pauldnc@chartertn.net

Fox eagle 60 engine for parts (complete) \$ 8.00, Astro 40 (kato) 48 1/2" wingspan in box un-built \$30.00, Trainer 40 built and flown 52" span no radio or servos or motor \$65.00, Ugly stick 40 with 4 channel Futaba radio channel 22 and K&B 40 engine flies really well \$175.00, Top flight P-40 War Hawk 62" span 60 size engine with servos complete Ready to fly no radio \$200.00, Top flight P-51 Mustang 62" span complete, no engine or servos, or radio this is a razorback version. \$175.00, P-47 D Thunderbolt 35" span aileron and elevator servos needed to complete, Enya 11 Engine. \$50.00

Bobby Wingler 423-282-1582

For sale, a scratch built TR260 with plug in wings and a new cowl. It has pull/pull on the rudder and elevator and strain relief with aluminum arms to attach your servo to. It requires a 90 two stroke to make this plane do its three D tricks. It looks like a Cap 232 and flies as well as one but is lighter than a similar factory kit. It has wing adjusters and comes with a 1400 MA battery and 16 oz fuel tank installed. You will need good mini servos for the ailerons. Asking \$225.00

Wanted an OS 32 with bearings in reasonable condition.

Vic Koenig 282-0572
Email: V54koenig@cs.com

GILES 202 Quarter Scale, ST 2000, Hitec 605BB Servos,
Plane and Engine like new. \$ 450.00 OBO.
IKARUS ECO 8 Electric Helicopter, Micro Gyro,
Setup to fly on standard 4
channel radio. \$ 350.00 OBO.

Mahlon Tenney 423-743-5768.

If you have any items for sale please contact me about 2 weeks before each months meeting to give me time to list them in the newsletter.

(Note: If you have an item (or items) listed one month, and would like to list them again the following month please let me know to continue listing them each month. If not I will assume the item or items have sold and can be removed from the listing.)

IMAA News ...
Chapter 693
<http://www.fly-ima.org>



If you are an IMAA member and would like to be added to the JCRC chapter at no charge, contact Ed Fennel and give him your IMAA number so that he can update the membership roster. His number is: (423) 538-9667

Senior Pattern:

For more information about Senior Pattern go to:
<http://www.rcpattern.net/spa/>

Monthly Membership Meeting...

JOHNSON CITY RADIO CONTROLLERS MONTHLY MEETING MINUTES MARCH 30, 2004

Meeting date April 27, 2004

Meeting start time 6:50PM

Number in Attendance 19

The meeting was called to order at 6:50PM

MINUTES

Skip asked that the membership had a chance to review the minutes as printed in the newsletter. With that, Derwin made a motion to accept the minutes with Steve Weller making the second. The minutes were approved by the membership.

COMMITTEE REPORTS

Eddie Cline discussed this weekend's Boy Scout training day. We will be flying with the scouts with several members teaching classes about flying. Ed Ritsko will teach class A, Vic will teach class B. Ed

McEntire will teach class C. Class D will be the plane demo. Alan Butler will fly some electric. If you wish to demo let Eddie know. Classes will begin at 9:30AM after a safety meeting is conducted. Flying will begin at 10:15. Gary Hammond and Dick Plum will take photos of the event. Nick will help with the concessions. 50 scouts have signed up and there may be more. They will be divided into teams for the classes. The troupe leaders will be responsible for supervising their group. The event should be completed by approximately 2PM. At that time there will an opportunity for questions. Eddie needs more volunteers for the event. Please give Eddie a call if you can help. Derwin suggested that we bring hats and sunglasses for the scouts. Skip commented that Eddie had a good plan in place and the event should be a success.

Rhea commented that the mowing would work out. He will schedule and stagger the dates so that they can be better coordinated. Skip commented that those that wanted to mow were selected. There are open dates so if you can mow, let Rhea know so he can schedule you. Eddie if the schedule was that you mow before the date given. And that is correct.

ANNOUNCEMENTS

Don't forget the Joe Nall fly in starting on May 18, 2004. There are several driving down, so get in touch with Skip.

Ed confirmed that we couldn't dig below the surface of the landfill cap. We should look for an alternative to divert runoff.

May 8, 2004 at Bristol Motor Speedway there will another scouting event. If you want to do a static display, contact Eddie Cline.

Derwin announced that the next event is a fly in scheduled for June. We need an event coordinator for this event. This is an opportunity for you to participate. Give Derwin a call. The tentative date is June 12, 2004. Come and enjoy the hobby.

Vic mentioned that he has flown with the Morristown club and was interested in modifying our by-laws to allow for visitors to fly more frequently. After much discussion, Dick Plum read the by-laws to clarify current guidelines. It seems that the by-laws in fact do cover situations like this. It was determined that the board could certainly accommodate visiting. Flyer.

With no further business, Skip adjourned the meeting.

Respectfully submitted,

Ed Fennell

Boy Scout Training Day...



The Boy Scout Training day on May 1st went very well thanks to all of the members who donated their time and efforts to assist in holding this event. I would like to personally thank all of you who assisted before, during and after the event. I could not have done it with out you. We had seven different troops with about 50 boys total, that participated that day. The boys were divided into groups of 10 to 12. They progressed from one training area to the next, which, lead them to the flight line where they got to fly a plane with one of our instructors.



Different members of the club taught classes that instructed the boys in: the different types of planes that are available, how to build a model air plane, how an airplane flies and how we control them, to the different types of motors we use in them



. In my observing the scouts as they attended the classes, I noticed that our teachers did very well in keeping their attention. The JCRC flight instructors were kept busy flying with all of the scouts leaders and some their younger brothers and sisters.



Another group of people that were kept really busy, especially during lunch were those who volunteered to help with concessions. Many members help with parking, running errands, displaying and flying their planes. Again Thank You to all of you that helped pull this event off.

The Boy Scout Leaders have asked that we hold this event again next year.

THANK YOU
Eddie Cline

On The Building Board...

I know that some of you will be building, designing or modifying this winter. Let us know, so we can look forward to seeing it at the field. It is always interesting to see what kinds of planes are being built by others in the club.

Tips of the Month...

The following was received by email from the Safety Committee of the Academy of Model Aeronautics.

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:

1. **Store, and charge, in a fireproof container;** never in your model.
2. Charge in a protected area devoid of combustibles. Always stand watch over the charging process. **Never leave the charging process unattended.**
3. 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.
4. 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.

5. 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.
6. Most important: **NEVER PLUG IN A BATTERY AND LEAVE IT TO CHARGE UNATTENDED OVERNIGHT.** Serious fires have resulted from this practice.
7. 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



Alan sent this photo along with a story of a bush pilot who returned to his plane to find that some of the locals had took refuge from the sun in the shade of the wings. If you were the pilot, would you delay your departure? I think I would.

Take Note:

Our lease renewal is coming up this year. We are asking anyone who has photographs of the field before and after improvements to allow us to make copies which will be used in our presentation to the City. We need to put our resources together to present ourselves as a worthwhile organization. So that, the city will recognize that we have our and their best interest at heart.

Just a Reminder

We as a club should always be looking for new members and find ways to introduce this exciting hobby to others. We need to be inviting people, young and old, to come out to the field and experience the hobby for themselves.

Upcoming Activities and Events

JUNE

<i>Sun</i>	<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>	<i>Sat</i>
		1	2	3	4	5
6	7	8	9	10	11	12 Fly In
13	14	15	16	17	18	19
20	21	22	23	24	25	26 Pattern Training Class and Contest
27	28	29 Monthly JCRC Meeting 6:45	30			

Below are activities and events upcoming:

July

July 10th Fun Fly, July 17th Work Day 2, July 18th Fun Fest Event

August

Giant Scale fly-in - Aug. 21, 2004

September

JCRC Club Picnic - Sept. 25, 2004

October

Field clean up day - Oct. 16, 2004

November

Club Dinner – Nov. 30, 2004

Vic Koenig

3404 Berkshire Circle
Johnson City, TN 37604

ADDRESS CORRECTION REQUESTED

Our Club Sponsors:



2244 N. Roan St.
Johnson City, TN
(423)610-1010

www.hobbytownofjohnsoncity.com

AAA Model Supply

5237 Hwy 126
Blountville, TN
(423)323-1513

Benedicts Ace Hardware

3607 N. Roan St
Johnson City, TN
(423)282-1950

TNT HOBBY

3550 Hwy 75
Kingsport, Tn 37663
Phone (423)279-7344
Fax (423)279-7244
www.tnthobby.com

Notice to Membership

Access to the "Members Only" section of the JCRC Website is as follows:

Username= jcrc (lowercase)

Password= current gate combination

www.flyjcrc.com

Next Meeting is:

Tuesday May 25th, 2004 6:45

PM at the Bowser Ridge Model
Airport.