



Club Officers

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The Presidents Report

Hello Everyone,

I would like to thank all the people who turned out for last month's meeting. We had one of the best turnouts ever. It is nice to see that many people at the meetings. Also don't forget that this month's meeting is at the field. Come early and will try to have a short meeting so everyone can get in some flying.

You should find a copy of this year's mowing schedule in the newsletter. We still have some dates left open to mow. If you signed up to mow and you are not on the list please give me a call. If you are on the list and would like to mow more than once please give me or Rhea Starnes (239-6016) a call. This year we will be mowing on Wednesday, Thursday, or Friday. If you are scheduled to mow on April 17 you can mow on the 14, 15, or 16. Rhea will be calling to remind you when it is your turn to mow. If you have any questions about mowing or the mower let me or Rhea know. Flyers remember the person who is mowing is taking his flying time to work for you. So before you fly check with him to make sure your flying is not going to interfere with the safety of the worker. The mower has the final say.

By this time the gate code has been changed. If you have paid your dues and have not received your new membership card with the code in this newsletter please let me or Ed Fenell know.

Hope to see everyone at the next meeting.

Safe Flying
Skip

Next Meeting is:
Tuesday April 27th, 2004 6:45 PM at the
Bowser Ridge Model Airport.

The deadline for next month's newsletter will be May 15th, 2004.

From the Editor...

I 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
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(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

Low wing 40 inch Vic Stick as seen at the speed contests two years ago. It is ready to cover and comes with gear and all control rods. Servo tray is installed and the plane weighs less than 5 pounds wet at take off with a 46 engine installed. Price is only 100.00. This plane will do a snap at max speed and stay together, it's that strong. Clocked at 127 MPH and held the club record for a year.

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

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 March 30, 2004
Meeting starting time 6:45PM
Number in attendance 21

The meeting was called to order at 6:45PM by Skip Weller

INTRODUCTIONS

Skip asked for visitors to introduce themselves to the membership.
Lynn Bailes stated that used to fly helicopters and it had been some time since flying. He wanted to come to the meeting and meet everyone. Lynn also introduced his wife and felt that he would like to get to know the members and would consider joining. Dave Brandt also is a former RC hobbyist and is seriously considering in getting back in the hobby. He also wanted to get to know the members better and visit the field.

MINUTES

When Skip asked for a motion to accept the minutes, Jim Porzig stated that the minutes did not reflect all that was discussed in the Feb. meeting as it pertained to the changes to the membership dues issue. Eddie explained that he did his best to report the minutes since Ed Fennell was absent. Eddie said that he would send an amended copy to Ed for the record.
Motion - Jim Porzig made a motion to accept the minutes as were amended and Eddie Cline seconded the motion. The membership approved the motion.

COMMITTEE REPORTS

Eddie Cline updated the club on the scouting event to take place on May 1, 2004. He laid out the schedule of events for the day. The plan is to have modular training activities mixed with flying demos and actually having the scouts fly the trainers. As was demonstrated by the quality of Eddie's presentation, this event will take a lot of coordination and support. Concessions will be available. Eddie has a list of volunteers needed to make this event Please support the club by participating as a volunteer or a flying demo pilot. It will simply not work with out your participation.

Eddie is also coordinating another scouting activity at Bristol Motor Speedway. This is a static demo activity and might also be an electric flying demo. This activity will help the scout earn their badges as well as promote the hobby and the club. If you would like to help, call Eddie.

Jim P. suggested that the club use the brochures that we have to distribute at the event. Skip will get the flyers together.

Skip announced that the mower has now been maintained. It is ready for the grass. He will have the push mower ready shortly. Remember to check the oil before mowing. Skip and Ed will develop the mowing list over a barbecue sandwich next week.

The question came up about what days of the week should be used for mowing. After much discussion, Vic made a motion to mow on Wed, Thurs and Friday. The mower decides what time and what day to mow as long as he stays in touch with Rhea for schedule confirmation. The mower and flyer should work together to work out flying and mowing at the same time. Remember that cooperation is the key. Steve Weller made the motion with Vic offering a second. The motion was approved by the membership. Stay tuned for the mowing schedule.

OLD BUSINESS

Membership cards will be distributed by mail along with an updated member roster in the next week or so. Skip will change the combination in two weeks so you can still use the current combination.

The Joe Nall fly in is scheduled for May 12, - 15, 2004 in South Carolina. Several of the members are going so if you need a ride, contact Skip.

NEW BUSINESS

Derwin Cartmell mentioned that we still need a leader for the field day on April 17, 2004. We need several volunteers to spruce up the field. Painting, Mowing, trash pick-up, gravel and general clean up will be the order of the day.

Hobbytown is providing the gift certificate for the door prizes so get involved in visiting their store for your RC supplies.

There was discussion to get back involved in the hobby association to receive rebates. Vic mentioned that Dick Plum might be interested. Vic will call to recruit Dick.

Jim Porzig was the winner of the \$20.00 gift certificate from Hobbytown.

Skip adjourned the meeting at 8:00PM

Respectfully submitted by
Ed Fennell

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...

Trimming According to Vic Part 3

Well this is the final installment in trimming according to Vic. I hope you have had an opportunity to at least begin setting up some of your planes. I've built a new Bridi kit, the Dirty Birdy, and am in the beginning stages of paint work but I will be applying what I've told you about in these articles up to now on it myself.

Have you done your first decolage yet? It can be very intimidating the first few times but I promise you will get more comfortable with it as you do it more often. It is still the best diagnostic tool for setting up a plane.

We left off with setup of right thrust. If you are now pulling a straight vertical with no left/right fall off we can proceed to up/down thrust. Obviously it too is controlled by the angle of the engine but we are now working with the vertical plane. Start by flying from left to right and pull a vertical where you can view the flat of the vertical stab. The wings are not in your line of sight. Does the plane pull toward the canopy? If so add down thrust with a shim or washer under the top of the engine mount. Be sure not to disturb side thrust settings when doing this. Of course if it pushes away from the canopy add up thrust at the bottom of the engine mount.

Elevator alignment is next but only for planes with split elevators. This is an easy adjustment that is determined by how the plane does an inside loop. If after three inside loops you consistently are corkscrewing away from yourself and the ailerons

JOHNSON CITY RADIO CONTROLLERS CALENDAR YEAR 2004 MOWING SCHEDULE

are not causing one heavy wing the elevator is at fault. Most likely you will find one elevator is lower than the other and is causing the plane to twist in the opposite direction. Level the elevators and retry the inside loops. It takes some time to fine tune but this is one of the more rewarding adjustments when completed.

One final thing and we're done. Set up your programmable radio to eliminate roll and pitch when you steer with the rudder. You will need two different programs to accomplish this. Set them up with the rudder as the master and the elevator as the slave on the first one. Set the second up with the rudder the master again but this time the ailerons are the slave. What you are doing is compensating for the dihedral you (or the factory) put in the wing. In a perfect world we could land and adjust dihedral but I don't carry a table saw with me to the field for one piece wings.

All that I've talked about is not new information for the more experienced fliers in our club but I know that just as there will always be a first grade in school there are new fliers wondering why some planes just seem to fly better than others. A plane that is set up using the above procedures will be a joy to fly and it will make its pilot look like a star. There is only one more thing we could talk about and that's aileron differential but I'm still struggling with how determine a good test that will give a consistent way to diagnose what should be done. Any body out there, know a good way? I'm all ears and I'd love to know what you're doing.

Last thing, I hope you have saved this, I don't think I want to type it again a few years from now.

Vic Koenig

The following is the mowing schedule. Members have been assigned a date. They are responsible to mow the week prior to the date they are assigned. As a reminder, members are to mow on Wed, Thurs and Friday. The mower decides what time and what day to mow as long as he stays in touch with Rhea for schedule confirmation. The mower and flyer should work together to work out flying and mowing at the same time. Remember that cooperation is the key.

APRIL 2004

17th - field day
24th - Terry Bailey

MAY 2004

1st - Eddie Cline
8th - John Hunt
15th - open
22nd - Nick Nicodemus
29th - Rob Basham

JUNE 2004

5th - Ron Cox
12th - open
19th - Vic Koenig
26th - Jeff Forrester

JULY 2004

3rd - open
10th - Clyde Miller
17th - Steve Weller
24th - open
31st - David Campbell

AUG 2004

7th - Derwin Cartmel
14th - Jerry Skidmore
21st - Ed Fennell
28th - Mike Morley

SEPT. 2004

4th - George Beals
11th - open
18th - open
25th - Skip Weller

OCT. 2004

2nd - open
9th - Roy Berryman
16th - Ron Anderson
23rd - open
30th - open

Johnson City Radio Controllers Channel Usage 2004

Channel #	Usage	Channel #	Usage
11	1	38	10
12	1	39	3
13	1	40	8
14	2	41	2
15	1	42	7
16	3	43	2
17	7	44	9
18	7	45	1
19	0	46	8
20	2	47	2
21	0	48	3
22	19	49	2
23	0	50	4
24	10	51	6
25	6	52	13
26	1	53	1
27	1	54	9
28	10	55	1
29	7	56	5
30	9	57	3
31	1	58	4
32	6	59	1
33	11	60	1
34	3	61	0
35	2	62	0
36	10	63	0
37	5	64	0

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.

New Sponsor

I would like to take time to acknowledge and thank a new sponsor of the club. **Hobby Town USA** has ask to be listed among our sponsors. Gary L. Phillips, President and CEO of the Johnson City store, has generously offered to give the club a \$20 gift certificate each month. David Yeargan, the store manager and the other employees of the local store have been encouraging their customers who are interested in the model airplane hobby to contact the Johnson City Radio Controllers. Mr. Phillips and Mr. Yeargan ask in return that the members of the club consider Hobby Town when looking to purchase hobby supplies. They realize by helping our club grow, they in turn help their business as well.

Everyone go by Hobby Town and let them know we appreciate their support of the club.



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.

Upcoming Activities and Events

MAY

<i>Sun</i>	<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>	<i>Sat</i>
				Scheduled Member for Mowing Eddie Cline		1 Boy Scout Training Session
2	3	4	5	6 Scheduled Member for Mowing John Hunt	7	8 Boy Scout Expo
9	10	11	12	13 Scheduled Member for Mowing open	14	15
16	17	18	19	20 Scheduled Member for Mowing Nick Nicodemus	21	22
23	24	25 Monthly JCRC Meeting 6:45	26	27 Scheduled Member for Mowing Rob Basham	28	29
30	31					

Below are activities and events upcoming:

June

June 12th Fly In, June 26th Pattern Training Class and Contest

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

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 April 27th, 2004 6:45
PM at the Bowser Ridge Model
Airport.