
EXTRA! EXTRA! Read all about it! Get the latest scoop on R/C Helicopters.

CHOPPER NEWS

All your helicopter needs and expert help are as close as your local hobby shop!!!

One of

The World's Largest R/C Helicopter Clubs

AMA CHARTER NO.2099

September, 2001

Next Club Meeting, 7:30 pm Tuesday, September 11th

At John's Pizzeria, 100 E. Lake St., Addison, IL

Editorial

It looks like Terry has successfully landed our fun fly permit for September 22nd and 23rd and everything is right on schedule. Terry and Steve are working at a feverish pace planning and tying up all those pesky loose ends. This will be just a nice informal and relaxing time for all of us to get together to fly, talk, and breathe helicopters. They are still looking for volunteers to help with the fun fly so, if you are interested, get in touch with either Terry or Steve. If you get involved you will have a lot more fun, I gar-own-tee. Chef Neil has assured me that the food preparation and cooking are under his total control and right on schedule. The Chef said that he would have some of his latest creations for everyone to sample. Neil has been known to perform wonders with hamburgers, hot dogs, brats, and all with just a common ordinary grill. I promised I would give him the moral support he needs in feeding all those ravenous chopper pilots and spectators. I can easily picture a lengthy line forming right now with one or two people whispering, "How much longer, grill man?" If our Chef falls too far behind, we may need some form of crowd control. (Note to self: Maybe buy one small container of pepper spray.) You can relax and eat to your heart's content with the knowledge that Tums are available near the grill area, on a first come, first serve basis. Please, no pushing or shoving like last year!!!

Now that we are e-mailing our newsletter, it is very tempting to email a non-member friend or two and send them a current copy of the Chopper News to save them the membership fee. We should remember that the main reason for our club is to promote R/C helicopters, which makes the cost of our membership a real

value. The other R/C club I belong to has been charging 50% more for dues for a number of years now. We should all try to encourage our friends to join our club so we can make a difference. As history shows us time and time again, we don't want to be penny-wise and pound-foolish!!! The few dollars we think we save today may cost us way more in the future if we fail to advance our hobby interest now. The larger our membership grows the stronger our club becomes, and it gives us a better voice in promoting our R/C hobby. A good example of this is how our club many years ago secured such a great flying field from the DuPage County Forest Preserve and why the club promotes the payment of each flier's Forest Preserve permit fee every year. We shouldn't kid ourselves. As individuals we have absolutely no voice whatsoever!!! So please try and convince your friends to join our club and make our voice as one. We need the help of all those good people sitting on the sidelines. Remember just the savings from our club's yearly spring discount fuel buy from Al's Hobby Shop more than pays for your club dues. Let's get a membership drive started today!!

Let's all welcome another active new member, Kevin Cashman, to our club. Kevin resides in Grayslake. All this new blood is a good thing, and it helps keep the club invigorated with fresh new ideas. Kevin, feel free to add something to our newsletter.

So far this year I have only been able to get two of our newsletters printed for free and one magnanimous member donated enough stamps for two mailings. I am going to redouble my efforts, and my goal will be to get the rest of the year's newsletters printed on the house with the club just paying postage. It might be more of a dream than a goal, but only time will tell. It would be a big help if everyone would try and get any newsletter material to me before the 25th of each month. I need the extra time to set up the newsletter and get it printed. I am going to try and compress our newsletter so we get more bang for our buck!!! However, I may have to send out a special edition with larger print for some of us senior citizens. If needed, please specify font size!!! The purchase of a quality magnifier might be desirable for future issues.

Our new, semi-member, Jim Stark, gave us a great demonstration of night flying at our last meeting.
Thanks, Jim.

I am going to get on my soapbox just for a minute and remind everyone that we should pick up after ourselves at the field. Maybe when we are done flying for the day, we could all take a moment to look over our shoulder to see if we are leaving any empty fuel containers, soft drink cups, or other food wrappers. I think most of this stuff may be coming from the nearby factory workers having lunch or other non-heli flyers using the field. Maybe if we all try to pick up one or two pieces of trash each time we fly, it will help keep the problem from getting out of control.

As you know by now, I like to fly in the early morning hours. During those hours I have had the good fortune to have many people like Ross, Gary, Terry, Steve, Orval, (yes, even my trusted sidekick) and many others help me during my early years of chopper flying. We are privileged as a club to have so many excellent fliers willing to extend a helping hand. If we ask another flyer to help us, we have to understand that these club members are giving us the benefit of their vast knowledge for FREE and we should not look to them if things go wrong!! Remember, all of our helicopters are time dated. It's very simple. Crashing is the name of the game. Re-kitting is the risk we take every time we go up, and we cannot hold any of these excellent helping hands responsible if things go wrong. We are all human, and besides, where would we be if we did not have all of this exceptional help?? I for one would still be trying to hover!!!

Don't forget our next meeting is back at John's Pizzeria for some great tasting pizza, and maybe we might even imbibe a little. I know all of John's food goes well with one of our great meetings. See you then!!!

Marty

President's Message

Wow, where has this summer gone! Fall is just around the corner and so is our fun fly. It is less than a month away.
Our own

master chefs, Neil & Marty, will take care of the food. We have some good games lined up, which will include hovering games

that can be done with training gear for the less experienced pilots. We also have games that will offer a challenge to the very

experienced pilots and everyone in-between. Make sure you schedule some time to come on down.

If you were at last month's meeting you could have seen an impromptu:

Raptor head flip Demo,

a WahWah curing maingear/autohub shim install

- A failed attempt to set up a Nexus with a faulty gyro. Which in turn was finished on Aug 19th, Thanks for the help, Jamie.
- A successful setup of a new Raptor 30 for a new pilot.

You would have also been able to see a full blown 3-D night fly demo complete with inverted hovering and Autorotation landings. Thank you, Jim Stark, for the awesome night flying acrobatics.

Thanks also are in order for new member Kevin Cashman. He was wondering why we do not have the web site on NIRCHA.com. He did an internet search to see if it was registered to anyone and it wasn't. So he went ahead and registered it as a donation to the club. Then he had access to a server that he used to redirect anyone that types in NIRCHA.com to our website. So you do not have to remember the long name to get to our website anymore. Just type NIRCHA.com into your browser and you will be at our website.

This month's meeting will be held at John's Pizzeria where we hope to put the last minute finishing touches on the fun fly and, if there is time, we will do a demo on the lowly training gear and the differences in cost and function. I hope to see you all there.

Soft Landings! Terry

Message from the VP

I've been honored to be cc'd on a number of communications this month, primarily between Terry and Marty. This dynamic duo has been working very hard to organize a number of aspects associated with the club fun-fly, and the issues have been quite complicated. They move so fast and balance the political issues so finely, it's been hard for Neil or me to jump in and help out. The park district rules and regulations have made it very difficult to accommodate a bunch of flyers from other clubs, but we should have a great time among us NIRCHA flyers. Last year's fun-fly was a ball, and odds are that we'll have better weather than either last year's club fun-fly or this year's Watervliet event. These guys deserve a lot of appreciation. They really care, and I'm sure that you're going to see an excellent get-together in September. Guys, let us know how we can help.

I had strong intentions to attend the Watervliet, Michigan fun-fly last weekend, but Saturday the weather was terrible and Sunday the local airplane club I fly with had an "emergency" meeting. You might appreciate the stability of the NIRCHA club even more when I tell you that the plane club lost and reelected a new President that day and is in the middle of losing a battle for the existence of its flying field.

Thanks, Jim, we really enjoyed the night-flight demo at the last meeting. Excellent flying. I think that Jim would agree with me that there's only one way to get that good; stick-time. Walter Morris of Morris Hobbies (well-known for his hovering/3D airplanes) wrote an article once that was titled "How to Learn to Fly Better". In summary, he said to burn fuel, and burn it drilling on things that make you uncomfortable! If your skills aren't progressing as fast as you'd like them to, then probably you haven't been flying enough or you're doing too many things you're comfortable with. Go to the field and try something you haven't done well before. Over and over. Satisfaction guaranteed. I won't relate my gallon-jug count or new maneuvers this month, but the usage is still up, the maneuvers list is longer, and the heli just keeps on humming, needing nothing but fuel and an occasional glow-plug.

Gotta mention that after experience with a Nexus in the past, Mark Clausen is progressing very well with his new Raptor this year. His flying is impressive.

I have definite vacation and travel plans for the 8th annual IRCHA World Jamboree in Muncie, Indiana, September 16th through 19th. This is the world's largest Heli event and moves there from Columbus this year. You can get links, flyer and other info from www.ircha.org. Only \$25.00 registration. The world night fly challenge (flyers by invitation only) will be a great show on Sunday night. Factory flight demo's every day at noon. Lots of vendors set up and there are educational seminars and clinics. **ALL SKILL LEVELS ARE WELCOME TO FLY.** Since it was worth going to Columbus for, it's doubly worth going to Muncie for. Make plans to attend if you can!

Maybe there'll be a few flights at the runway before the meeting, but the sun sure is starting to drop earlier now. See you at the next meeting at John's Restaurant.

Editor: I'm just a cook!!

Club Meeting Minutes from 8/14/01

The meeting was called to order by Terry at 7:30 PM. There were 19 members and 1 guest present.

The treasurer reported the club balance to be \$151.00 to date.

Terry asked if there were any guests or new members that would like to introduce themselves.

The Crash & Smash Award for July was presented to VP Steve Jensen.

Some of the August Crash & Smash stories were told, everyone's except our roving reporter Marty, who would like to keep his walls clear of this prestigious award, reason being that his 3 crashes happened prior to our last meeting which he could not attend due to the fact he was buying parts at Al's and supposedly his car broke down! Real reason being his wife found out and wouldn't let him come to the meeting.

Winner of August's Crash & Smash award went to Ray Capitolo for his Swamp Thing story.

Terry asked how many people were interested in going for pizza at John's. There were no takers due to the fact that Jim Stark was going to demo Night flying with his Vigor.

Fun-Fly Business

Terry informed us that he had sent the mooch letters out for donations, and had received 2 donations so far. He told us that he believed the Nutts listing of possible donators was probably out of date, and we would just have to wait to see the replies that come in.

He also mentioned that this event would possibly become a club get together being that we haven't gotten many replies from our mooch letters.

We discussed cost of entry to our event, permits for out of towners, cost of food, outhouses, possibility of raffle instead of pilot prizes.

Marty told us he would check for info with other clubs that operate fun flies in DuPage County to see how they handle the finer details with the forest preserve district and relay the info to Terry ASAP.

Old Business

Terry asked if anyone had anything that they would like to add on the subject of mixture settings, being that we have been flying quite a bit since our discussion.

Steve Jensen added that he is getting approximately 70 flights per plug, with about 8-minute flights and leaving about a ¼ tank of fuel.

We were advised that our next club meeting would be at John's Pizza starting at 7:30.

The club raffle was held.

The meeting adjourned at 7:50 PM Respectfully, Neil, Secretary

Raptor Maintenance

Part Four

The Final Chapter??

A person really takes the clutch system for granted on these 5 foot buzz saws that we call helicopters. If you remember I had put my Raptor back together again for the umpteenth time and when I went to start it the clutch to liner clearance was too small so the blades would turn at idle. I am glad I am a professional because I have to warn you all do not try this at home. The following was done on a closed course (my backyard??) by professional drivers (Ya right, Me).

It is possible to start your helicopter when your clutch engages at idle. It will have a tendency to run in the wrong direction even though it did start in the right direction if you are too slow to release the head. Now before you release the head you have to make sure every part of your body is out of the way (Note: Duh!) I would guess that I had to start it 7 or 8 times before I could release it fast enough to keep it from running backwards. I did this for 5 flights thinking that the liner would wear in and I would have a "clutch" at idle again. Not So!

After the above plan failed miserably, I removed the start shaft and the clutch bell. I chucked the bell into a

lathe and proceeded to turn the liner back to a round shape. My problem was self-induced. I failed to shorten the liner a tad bit when I used the thick layer of JB Weld as a spacer. Where the ends joined was a slight flat spot and once I turned that out of the picture the clutch shoes would turn okay inside the bell. So the time has come to see if I really do have a working clutch at idle. So out I go to the closed course and fire this baby up. I do not feel the familiar torque of the rotor head wanting to rip itself from my grasp. Maybe I finally will get to fly this thing. By the way remember that I installed the metal belt guides in the frames while I had them split. I have flown 8 flights since I regained a clutch that works, with no glitches and no problems with the tail belt.

I do have a tidbit of info that I found out about the clutch bell/ pinion. Do not use locktite on this union. Use a small amount of grease or an anti-seize compound. The rotation of the motor will keep it tight and will be easier to take apart.

Wish me luck. Maybe I will get to fly some instead of work on this machine.

Terry

Funds

Last year we voted to reduce our dues. This year we have a very small amount of money in our piggy bank. Dues are not the only source for income. We have our monthly raffle prizes, which if we do things correctly we make a little on that too. At last month's meeting a new member expressed some shock to the small amount of money we have in the bank. There are a lot of you out there that belong to several clubs, and I was wondering how all the other clubs go about making money. I heard one way is 50/50 raffles. Another is to purchase a "widget" and raffle it off with the profits returning to the piggy bank for the club. Does anyone have any experience with setting up and running these sorts of fundraisers? Would anyone be willing to try to set some of these up? I for one do not mind an increase in club dues, but I would like to see it kept as low as possible to be able to attract more members. If anyone has any ideas or is willing to set this up see me or any of the board members. Terry

Questions looking for Answers

Question: Members, I have a question regarding engines. Which 30 size (OS FS-52 Surpass or YS 51 53) four-stroke engine would function better in a scale helicopter?

Steve Hubbard, Hubs@mc.net

Answer: Steve, luck was with me and I was able to track down and corral our fellow member, the good Doctor, Ross VanDorpe. Even with his very busy schedule Ross was able to find the time to give us his insight on this subject. Ross said that Nexus Legato uses an OS 53, a Four-Stroke engine and that this engine would be the best choice for this purpose. Next the gear ratio on the helicopter needs to be changed for a four-stroke engine with its lower power curve and rpm. Ross also said the thing to consider is whether it is a standard OS 53 or one that has been slightly modified for helicopter use. Ross thought it might be a good idea to call Kyosho for more information.

By roving club reporter, Marty

Better Ways and Shortcuts

-
- 1. Neil recommends that you put a spacer under your back landing gear mounts to help keep your tail prop out of the grass.
-
- 2. The three most important things to remember about helicopters are maintenance, maintenance, and more maintenance.
-
- 3. Don't start your helicopter while your transmitter is under your engine exhaust. I know!!!
-
- 4. At the field does it seem impossible to find anything small you drop under the picnic table in those dark colored wood chips? The trick is to give your eyes a size and color reference to sight in on by dropping the same part in the same area. It works almost every time and, no, you very seldom if ever lose both parts. Neil will corroborate this story!!! This tip will work with any size part in any environment.
-

Fresh from the Rumor Mill

I have it from a reliable source that states our club VP, Steve Jensen, has burnt over 30 gallons of fuel so far this season all run through a 30 size raptor. That many gallons of fuel would be a lifetime supply for me. If my math is correct, that is in the neighborhood of 500 flights at a cost of about 600 smackaroos for just this season. How many miles would that be at say 40 miles an hour???

Event Calendar

Bulletin: Well, the moment is almost here for our annual NIRCHA Fun Fly, September 22nd and 23rd. I believe the activities start around 9am or so. The event will be located at our Fullerton Forest Preserve Helicopter flying field on Grace St., Addison, IL, one mile north of RT. 64 (North Ave.). We are hoping for demonstrations by Ross Van Dorpe, who is our local X-cell rep and, if we are lucky, from one or two others. Lots of fun flying activities are planned plus great tasting hot food right off the grill. I give it a food rating of *4 Beer Steins with those unusual great tasting cookout flavors that our Chef Neil is known for. You will not want to miss this shindig. So mosey on out and join us for some relaxed and informal fun on September 22nd and 23rd. Contact Terry King for details, ph. 815-547-7016 or E-mail, TVKing@rockford.com

The Palos R/C Flying Club 2001 Calendar

Flying site: Morrill Meadow @ Rt. 45 & 107th Street, 300 ft. paved runway, spectator restraining fence and large parking lot.

Sept. 9 - Giant Scale Air Show 9:00 AM to 3:30 PM corroborate

All Events are Free to the Public. Bring your Helicopters and Airplanes; there is plenty of time and daylight left to fly after their events are over. Reported by Ron Kwilinski confirm

IRCHA Confirmed 2001 Contest Calendar

<u>Date</u>	<u>Event</u>	<u>Location</u>
Sept. 7-15	World Championships	Muncie, IN
Sept. 16-19	IRCHA World Jamboree	Muncie, IN
Sept. 29-30	Mid-Atlantic Heli Expo	Greensboro, NC
Oct. 13-14	The "Traveling" Contest	Jacksonville, AL

The World Championships and IRCHA Jamboree will be the single biggest R/C Helicopter event in the world. Anyone who can get there this year should consider going. But, make your hotel reservations early, as it will be a crowded event! Reported by Jeff Torsrud

* 1 Beer Stein = palatable, 2 Beer Steins = interesting, 3 Beer Steins = mouth-watering, 4 Beer Steins = lip smacking

Good Eats by Chef Marty

Garlic Potato Salad (If You Dare)

5 large New Potatoes

10 cloves (more or less) of Fresh Garlic

1-16oz. jar of Miracle Whip Dressing

Very simple to make with a large great taste but plan to enjoy it when you know you will not be around other people for a few days. This much raw garlic is not for the faint of heart. The following amounts are approximate, and you will have to make to taste: Mix ten pressed cloves of garlic with the 16 oz. jar of Miracle Whip dressing. Boil new potatoes, cool and then dice to potato salad size. Fold in your garlic and Miracle Whip mixture to your diced potatoes (add enough to form potato salad consistency) then cover, refrigerate, and enjoy. Try to make it 4 or 5 hours ahead of time to let the flavors meld together. The potato salad is even better the next day. It serves 4 people and will cure anything that ails you!! Bon Appetite!!!

For Sale - Lots of Good Stuff

For Sale: Kyosho Nexus 30 S, (less motor, radio, receiver, and servos) Helimax Aluminum Cooling Fan, Aluminum Mixing Levers, 2 oz. Header Tank, Upgraded swash plate, Helimax Micro Piezo Gyro. Spare parts included: Boom, (2) new; tail rotor case, (3) spare drive wire, new; drive wire inserts, extra landing gears, feathering shaft, main shaft, fly bar, fly bar paddles, new and used fins, rotor blades, insert nuts, new and used swash plates, ball links, etc... Heli is in excellent condition. Has about 1/2 dozen flights. Had (1) boom strike, everything damaged replaced with "new" parts. Asking \$ 175.00 plus shipping. If interested, please email me at DaRaceNGuy@aol.com. Rod

For Sale: Lite Machine, it has a Sport Piezo Gyro, Hitech radio. new parts include: motor, clutch, tail boom, main blades, main shaft gear, canopy, pretty much all of it is new. Have extra engine and other parts too. Asking \$500.00 please page or e-mail Jorge

Pg.(708) 378-1351 e-mail jrealty@juno.com

For Sale: 21st Century Toys AH-6 Fuse for sale. It's ready to be bolted on. All you need is plywood, cap nuts, and bolts. It's brand new...never bolted on and never flown. It comes with original box and does have the machine guns and rocket launchers. I did fit it on a Nexus .30 but others have bolted it on Raptors. Asking \$ 50.00 plus shipping. If you're interested, please email me at DaRaceNGuy@aol.com... Rod

For Sale: Futaba transmitter, FP-T8UAP, PCM 1024, one before Super 8, \$125 (\$250 new), 630-377-1865
Marty

For Sale: Concept 30 SRX with OS 30sx engine, Futaba 153 gyro, 5 Jr. servos, like new \$225.00. brand new 5 Futaba 9202 servos. \$30.00ea., CSM 360 gyro with heading lock \$125.00. OS 60 sfn-h engine \$100.00. Hobbico hot shot glow starter \$10.00, electric fuel pump \$10.00, os#8 glow plugs \$3.00 ea. curved ball link pliers \$15.00, Hobbico torqmaster 180 starter \$20.00, high point balancer \$15.00, dial indicator with stand \$20.00,

pitch gauges miniature \$15.00. Kalt \$10.00 **Don Wittmayer (630) 653-0391

***Editor: As most of you know Don is a past member of our club. He is now getting out of hobby, and he asked if we would advertise and help him sell his equipment. Look like some good buys to me!!!*

Words of wisdom: The less you fly, the longer they last!!!

NORTHERN ILLINOIS RC HELICOPTER ASSOC.

AMA CHARTER NO. 2099

We are actively looking for new members to join our Radio Control Helicopter Club. All that is required is an interest in R/C helicopters, field permit, and a \$20 membership fee. Please feel free to join us at one of our meetings to become a member or just for a visit. We hope to see you at the next meeting. Our Club web page is: <http://members.nbc.com/nircha/> and is maintained by Web Guy, Rich Erikson.

Meetings are held the 2nd Tuesday of every month, at 7:30pm, at John's Pizzeria, 100 E. Lake St., Addison, IL (1/2 block East of the intersection of Addison Rd and Lake St.). During the summer, the monthly meetings are held at the flying field, June, July, and August.

Our Forest Preserve Flying field is located on Grace St., Addison, and one mile north of North Ave. Field permits can be obtained by calling 630-933-7200.

Club Officers

President Terry King 815-547-7016

Vice President Steve Jensen 630-553-6590

Secretary Neil Nesheim 630-351-4002

Treasurer Robb Rinn 630-906-1731

Newsletter

Editor/publisher Marty Davis 630-377-1865

#1 Proofreader Linda Davis 630-377-1865

ChopperNews2@Juno.com

Club Web Site

Web Guy Rich Erikson 815-356-8518

Businesses Who Support Our Club

Membership Application/Renewal, Annual Dues \$20

Name _____

Address _____

City _____ State _____ Zip _____

Phone _____ Email _____

• AMA No. _____ Frequencies Used _____

•
• Field Permit No. _____ For permit information call 630-933-720

• Membership can be renewed at any meeting or sent directly to our club treasurer, Robb Rinn, 433 Lake Lawn, Aurora, IL 60506. Check should be made out to Northern Illinois R/C Helicopter Assoc. You are the club and the club needs your support! Please renew your membership **NOW!!!**

[back](#)