

JANUARY 1993

Editor:

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(call before FAXing)



. **NORTHERN
CONNECTICUT
RADIO
CONTROL
CLUB**

Presbits by Jess Thurrott

I hope everyone had a fantastic holiday season. Aren't those thumbs beginning to itch just a bit in these cold winter months? I can remember many winters in my youth when we packed up and drove down to the WRAM show in New York merely because we were craving some model-related event. It didn't matter that every year we got stopped for speeding, got lost looking for the place, hated the smoke-filled, over crowded room and lousy food and vowed every year never to go back. We always managed to forget all that by the next long winter months.

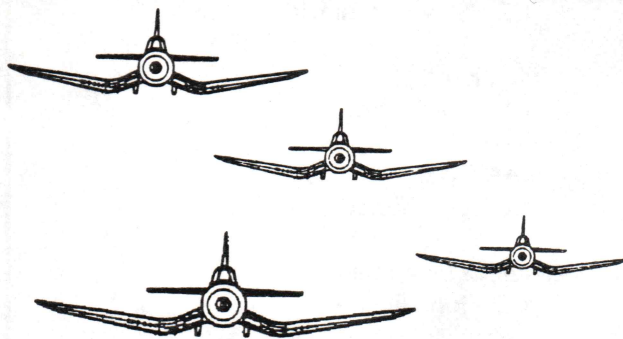
Well, this year, as always, NCRCC is offering a happier alternative to all that: the February Auction. Talk it up with your friends all over New England; the more people we get, the more you can sell that old airplane for, and the more benefit to the club.

Speaking of old airplanes, the Executive Committee has been discussing an event in which all members could participate (or at least be interested in) for the April meeting. - The slide show that was mentioned at the last meeting will be held later in the year so that we can collect pictures over the flying season. - Anyway, we were thinking, what is something interesting that almost every member of the club has? Old Stuff! So, drag out your first model, blow the dust off those old radios and push, pull or tow it all to the first ever who's got the best memorabilia?! contest. Prizes will be awarded in various categories (to be announced) and for various levels of nostalgic value (both personal and historical). New members are also encouraged to bring what may become their most nostalgic item in the future.

Please note that the January meeting is the final meeting before the auction and that there is no February meeting.

See you there.

Jess

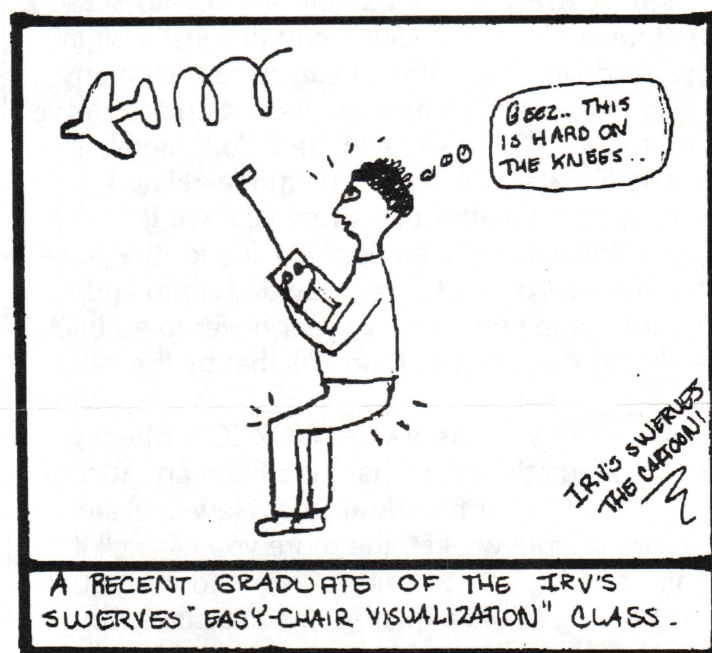
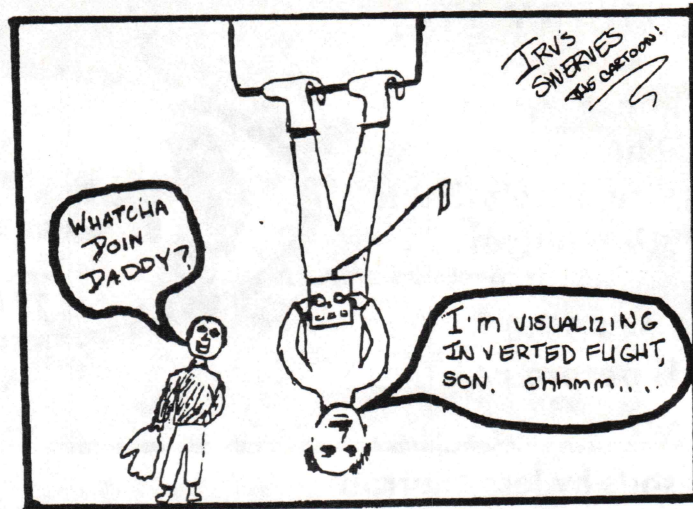


NCRCC MEETING AGENDA FOR 1/14/93

1. NEW MEMBER ACCEPTANCE
Chris Sutyla
Ralph Rinaldi
2. PRESIDENT'S REPORT
3. SECRETARY'S REPORT
4. VICE PRESIDENT'S REPORT
5. TREASURER'S REPORT
6. ACTIVITIES DIRECTOR'S REPORT
7. FIELD SUPERVISOR/SAFETY OFFICER'S REPORT
8. LIASON OFFICER'S REPORT
9. OLD BUSINESS
February Auction
10. NEW BUSINESS
As raised by members
11. PROSPECTIVE MEMBER APPLICATIONS/INTRODUCTIONS
(IF ANY)
12. MONTHLY RAFFLE
13. DOOR PRIZE
None Planned
14. ACTIVITY/ENTERTAINMENT
Mandatory CD caucus
Lloyd Burnham, Custom Aircraft Detailing

Approved NCRCC 1993 Schedule of Events

- 2/06/93 - NCRCC Club Auction Set up Day
 2/07/93 - NCRCC Club Auction
 Coordinator - John Ortolani
- 4/24/93 - Field Day
 Coordinator - Steve Teerlinck
- 5/13/93 - Winter Building Contest
 Coordinator - Al Thresher
- 5/16/93 - Family Picnic/New Plane Fly/Hickton Fun Fly
 Picnic Coordinator - Executive Committee
 CD - Steve Teerlinck
- 5/30/93 - Pylon Race
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- 9/09/93 - Donation Auction
 Coordinator - Don Snyder
- 10/10/93 - Irv's Swerves Contest
 CD - Irv Thurrott
- 10/14/93 - Worker's Auction
 Coordinator - Keith Hayden, Bob Boulais



Always remove the airborne battery connector from the switch harness, because it can develop corrosion on the pins and sockets, similar to your auto battery! There is usually some moisture, fuel residue, or plain old crud around the connector to cause the corrosion.

You should, about once a month, re-connect the battery and place an overnight charge on the system. Now, next day, switch on the system and actuate all the controls for several minutes. This will loosen up all the moving parts of the servos and control sticks, and spread the special lube in the stick and pot servos, the motor brushes and such, all around where it does good. Listen for any unusual noises like a screaming motor in a servo. This shows a dry bearing and the motor needs replacing.

You can cycle the nicad packs towards the end of the winter, and look for a trend in reduced capacity from the last time you cycled them.

For those of you who get out to fly on the white stuff, be aware that the cold does cause shrinkage on the plastic pieces, and the increased friction increases the drain on the nicads. The lower temperature also reduces the capacity of the packs, so be careful and have a few less flights than you would in the summer.

TECH TIP from KRAFT MIDWEST INC.

This time of the year, most models are put aside waiting for the warm weather to return. They should not be forgotten, and now is the time to have some preventive maintenance done to keep the systems healthy.

If you haven't had the gear looked at in at least two years, it's time to get it done. However, for those that are up to snuff, there is some TLC that you can do to help keep them active.

NCRCC MINUTES OF DECEMBER MEETING, Bobbie Reid - Secretary

The meeting of December 3 was called to order at 7:35 p.m. by the president, Jessica, Thurrott. Jess told the attendees that she had inadvertently forgotten to ask for a motion to accept the budget. Bob Beaudette motioned to accept the 1993 budget and Don Snyder seconded the motion. One member was opposed. The budget was passed.

A motion was put on the floor to accept the proposed contest events for 1993. Irv Thurrott motioned for acceptance and Bob Beaudette seconded the motion. There was no opposition.

Jess announced there would be a CD's meeting after the next regular meeting. Anyone scheduled to be a CD in 1993, or anyone interested was invited to attend.

Posters and flyers for the NCRCC Auction were available to be taken and distributed to Hobby Stores or any other place of business.

Bob Beaudette asked for help with the distribution of the posters and flyers. He suggested supermarkets and work places as good areas for passing them out or displaying them.

More on the auction will be coming during the old business portion of the meeting.

In the absence of Rudy Roggenkamp, the treasurer's report was given by John Ortolani.

1992 Carryover:	\$3,869.15
Nov. In:	+ 1,077.04
	<u>\$4,946.19</u>
Nov. Out:	- 305.35
Dec. Balance:	<u>\$4,640.84</u>

Field Report: People are still flying at the field. It is accessible at this time. A special thanks was given to John Gowdz for mowing the field all year. He was presented with a Mid-Star 40 airplane kit.

Raffle Report: \$76 was spent for the raffle. Wayne also had an unclaimed file set from a previous raffle. It was claimed at this meeting. Volunteers are being requested to help Wayne at the auction selling raffle tickets. Please contact him if you will be available and could help out.

Jess announced that following the regular meeting, there would be a presentation from Dick Severs of Sign Stop, a local company that makes signs and lettering and designs for them.

Old Business:

Auction: John Ortolani said the advertising material was finished and some will be distributed through a mailing list especially created for the auction. There will be no Swap Shop this year. The club may lose some revenue due to this elimination but we hope to regain most of it by making the minimum bid \$25. Most groups needed have leaders already.

Wayne Galbraith
Tom Pyoric
Irv Thurrott
Lloyd Burnham & Bob Beaudette
Patty Thibadeau & Guy Beaudoin
Dick Russel
Bill Reid

Door Prize and Raffle
Sound System and Staging
Computers
Printing and Cash Boxes
Kitchen
Security
Runners, Registration, and Clean up

Sign up sheets were available and will be available at all meeting through January, 1993.

The auction is scheduled for Sunday, February 7. On Saturday workers will be needed to set up and attend training sessions. 1:00 to 3:00 p.m. will be pre-registration which is primarily intended for members but others may also register early.

There will be no regular club meeting in February because of the auction.

John Ortolani is trying to contact George Studevant regarding getting permission to use the SNET parking lot for the event. Anyone in contact with George, please have him call John or Bill Reid.

There were only 8 votes for the most active member award. It was decided that the award presentation would be delayed until after the break so those who hadn't voted could.

A brief summary was given by Jess regarding the incident at our field with the hunter. The person that took the car license number was mistaken and the party accused was innocent. The Executive Committee decided this incident was a misunderstanding and there was no intentional buzzing of the hunters. The club was not contacted, to date, by the DEP. The Committee signed a statement about endangering the wild life around the club flying site and it was read to the membership.

December 10, 1992

1992 Executive Committee Policy Toward Endangerment of Wildlife.

The Executive Committee feels that any intentional endangerment of wildlife at the NCRCC club field may be considered unsportsmanlike conduct and may result in disciplinary action up to and including expulsion from the club.

A motion was made and seconded to accept the policy.

It was stressed that if any member should witness or hear of any such conduct, they should first address the Executive Committee so that proper action may be taken toward a just and thorough investigation of the matter.

NEW BUSINESS:

Ed Post was presented a "special award" by Guy Beaudoin - it was a solo certificate, presented because Ed had never received one when he himself soloed.

The Young Eagles Association program was described by Ed Moore. The objective is to get 1,000 young people up in planes over the next 10 years. He volunteered to help youths in this club get started. The planes fly out of Simsbury Airport.

Bob Beaudette reported the two-day race will be a single day this year. He has applied for it to be a double-A event. There will be a barbecue that Saturday night.

Steve proposed a slide show presentation for one of our meetings. He requested photos from members to make into slides. He feels that pictures of ourselves in various facets of our hobby would be of interest and very entertaining. So please, if anyone has some great flying pictures, bring them in; we will have them made into slides and return to you.

The meeting resumed after a 7:40 break and the most active member award was tallied and presented to John Ortolani.

Perspective Members, Chris Sutyla (sponsored by his dad) and Ralph Rinaldi (sponsored by George West) were introduced to the club.

Wayne held the raffle: Youth drawing: Mike Robinson (the club would like to see the finished result)
Regular winners (not necessarily in this order): Gerry Parker, Keith Rober, George White, George West, John Gowdz, Bill Demars, Walt Wasco, Jr., John Ortolani, Ray Satyla, Chris Satyla (2), Paul Strawmyre, Bill Reid.

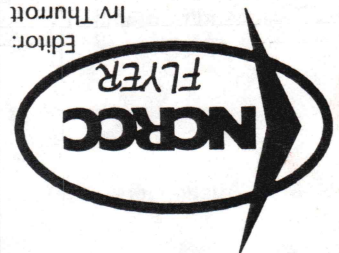
John Ortolani was presented a special plaque for unprecedented service to the club over the last four years.

1992 Rewards and Recognition were announced and were as follows:

President	John Ortolani	Vice President	Irv Thurrott
Secretary	Scott Ballou	Treasurer	Rudy Roggenkamp
Activities Dir.	Dick Russell	Field Supervisor/ Safety Officer	John Fraine/ Steve Teerlinck
Liaison Officer	Keith Hayden	Newsletter Editor	Scott Ballou
Librarian	Rich Tully	Points Keeper	Ray Sutyla
Refreshments	Patty Thibodeau	Donation Auction Committee	Patty Thibodeau
	Guy Beaudoin		Don Snyder
Worker's Auction Committee	Keith Hayden	Tanker Truck	Guy Beaudoin
	Bob Boulais	Building Contest Judges	Joe Banning
Audit Committee	George Sturtevant		Al Thresher
	Wesley Moulton		Ed Lysaght
	Bob Dusza		Charlie Meserve
			Bobbie Reid
			Bill Reid
Auctioneers	Marty Berr	Flight Instructors	Mike Okraska
	Don Snyder		Ed Post
	Keith Hayden		Wayne Galbraith
			Charlie Meserve
			Tony Giovanetti
			Doug Bond
			Don Snyder
Contest Directors	Irv Thurrott	Picnic Committee	John Ortolani
	Dick Russell		Wayne Galbraith
	Rich Tully		Bill Reid
	John Fraine		Rudy Roggenkamp
	Bob Beaudette		Dick Russell
	Doug Bond		Keith Hayden
			Doug Bond
			Scott Ballou
			Irv Thurrott
			Patty Thibodeau
Solo Flights	Dean Fortin	Winter Building Contest	Masters:
	George White		1st - Bob Boulais
	Dave Brown		2nd - Don Snyder
	Steve West		3rd - Dave Chapdelaine
	Chris Miller		Expert:
	Art Runde		1st - Wade Ferguson
	John Robinson		2nd - Mike McCaffrey
	Michael Robinson		3rd - Al Tetrault
			Novice Scale:
			1st - Paul Strawmyre
			2nd - Bill Demars
			3rd - Fern Albert
			Novice Sport:
			1st Dave Porter
			2nd - Paul Strawmyre
			3rd - Glen Drake
Auction Committee	Bob Beaudette	Carpenter	Tony Giovanetti
	Lloyd Burnham	Lawn King	John Gwodz
	John Ortolani		
	Dick Russell		
	Marty Berr		
	John Fraine		
	Irv thurrott		

Robert E. Leiper
47 Diane Drive
Vernon, CT 06066

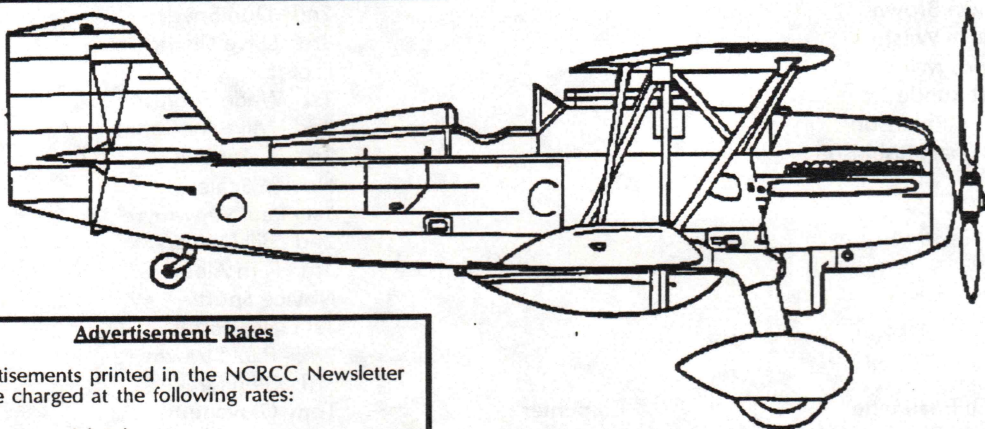
Editor:
In Thurott
21 Pine Knob Circle
South Windsor, CT 06074



FAXing Newsletter Items to the Editor:

- 1) Type should be at least 12 point.
- 2) Don't worry too much about format.
(Tabs, underlining, bold, etc.)
- 3) Set your FAX machine to "Fine".
- 4) Call first so FAX receive can be set up.

Come see how Lloyd does it!



Advertisement Rates

Advertisements printed in the NCRCC Newsletter will be charged at the following rates:

Non-commercial Ads

Members - FREE
Non-members - \$1.00/Issue

Commercial Ads

1/4 Page - \$3.00
1/2 Page - \$5.00
Full Page - \$8.00

NCRCC Equipment Inventory (as of 10/14/92)

- 1 - Pair large Horn Speakers
- 1 - Amplifier
- 1 - Microphone
- 1 - Fire Extinguisher
- 1 - Radio shack sound system (small)
Amplifier, Speakers, Microphone,
Cord, speaker Wires
- 1 - Box Plastic Badge Holders
- 1 - Box Markers, Tapes. etc.
- 1 - Box Auction Records
- 1 - Box Auction Tags (large)
- 1 - Box Wooden Award Plaques
- 1 - NCRCC Sign (for Phone Pole)

**January Meeting
1/14/93
7:30 PM**

**Knights of Columbus
Windsor, CT
Presentation:
Custom Detailing
Lloyd Burnham**

DECEMBER 1992

Editor:
Irv Thurrott
21 Pine Knob Circle
South Windsor, CT
06074
203-644-9040
(call before FAXing)



. NORTHERN
. CONNECTICUT
. RADIO
. CONTROL
. CLUB

Presbits by Jess Thurrott

For all of you that were wondering if I have a part-time job at the makeup counter at Penney's, you were wrong. That redness on my face at the last meeting was purely natural and really, standing up there isn't as easy as John made it look. Now that my coloring has finally returned to normal, it's time to get down to some business. There will be all kinds of opportunities in the upcoming year for you to cultivate your NCRCC friendships, learn more about modeling, and even show off those pictures of your favorite model (airplane, that is). The first order of business is the NCRCC Auction in February. John Ortolani did a lot of work to get this off the ground and the advertisements have gone to the presses. We will be needing a lot of assistance before and especially on the day of the event. There is absolutely no excuse why everyone shouldn't want to participate; it benefits all members and interests in the club and besides, it's fun. Next. For next year's CD's, there will be a mandatory meeting at the January club meeting to explain budgeting procedures, accounting, and general helpful hints for running a contest. Consider this a "quality circle" type of gathering for the purpose of improving all our contest procedures. Those interested in becoming a CD or just putting their two cents in are welcome to attend. Finally, copying directly from the fantastic slide show put on by Lloyd Bumham and Bob Beaudette at the NEPRO Banquet, we thought it might be fun to put together our own presentation of crazy pictures, beautiful planes, and NCRCC memories for an activity at the April meeting. So, if any of you have such pictures in slide form, start gathering them together for the April debut. Of course, embarrassing baby pictures are also being solicited.

Everyone please try to attend the upcoming meeting to award and recognize those who have served the club or had special accomplishments this past year.

Happy holiday season!

Jess

**Your dues are now overdue,
see Rudy immediately!**

NCRCC MEETING AGENDA FOR 12/10/92

1. NEW MEMBER ACCEPTANCE
Kevin Engle
Jeffrey Messikian
Edward Messikian
2. PRESIDENT'S REPORT
3. SECRETARY'S REPORT
4. VICE PRESIDENT'S REPORT
5. TREASURER'S REPORT
6. ACTIVITIES DIRECTOR'S REPORT
7. FIELD SUPERVISOR/SAFETY OFFICER'S REPORT
8. LIASON OFFICER'S REPORT
9. OLD BUSINESS
1993 Auction Planning
Most Active Member Award
10. NEW BUSINESS
Awards and Recognitions
As Raised by Members
11. PROSPECTIVE MEMBER APPLICATIONS/INTRODUCTIONS
(IF ANY)
12. MONTHLY RAFFLE
13. DOOR PRIZE
None Planned
14. ACTIVITY/ENTERTAINMENT
Richard Sievers of SignStop, Custom Lettering presentation

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Activities at Club Meetings and Beyond

We've had some very interesting activities/presentations at our meetings lately. They've ranged from building techniques to military uniforms to 1930's racing aircraft. Our Activities Director, Dick Russell (633-8859) is constantly looking for new and unique ways to make attending club meetings a worthwhile experience.

If you know of anyone or anything that is in any way connected to our hobby, and is a possible meeting-night activity, please contact Dick. In many ways the "non-mainstream" subjects really spark some interest in our members and should be encouraged.

The Executive Committee is also committed to providing club-only flying events that will draw many more members than has been done by fun fly competitions in the past. Suggestions as to what kind of at-the-field activities would bring out a bunch of our members would be most welcome - talk to any of our officers.

Beginners - think of ways that being an NCRCC member would benefit you the most (even beyond having a qualified instructor help you to solo).

Are there any types of R/C flying that might be fun to experiment with? (R/C Carrier, STOL, Payload, etc.). Perhaps some "sub-groups" could be formed for specific purposes.

Swervers - let's decide where we go from here. Sustained inverted flight - good pilots must feel as comfortable upside down as rightside up. Four point or Slow rolls. Let's set up some goals to "visualize" this winter and master next summer.

Club building projects - perhaps we could set some requirements, then take the project from design to parts fabrication to finishing to flying - either individually or in teams, keeping things simple enough to accomplish certain tasks at the end of our meetings.

Perhaps we should also give some thought to how we can encourage more younger people to become interested in model planes. Probably most of us can remember the one "meaningful experience" that kicked off our own love of airplanes - and it probably happened when we were quite young. Exchanging those stories, either at meetings or in the newsletter, may give us insight as to how to continue our species into the 21st century.

With the economy still trending downward it might behoove us to discover ways to make the most of our modeling dollars, be it reclaiming used engines, making drastically less expensive aircraft, extreme economy of fuel consumption, learning to repair servos, recycling aircraft parts from crashes, overhauling existing aging planes.

Think of some subjects that you'd like to see/hear at our meetings and give Dick Russell a call, we'll all benefit from your thoughts.

If you're storing your equipment for the winter, it's a good idea to remove the battery pack from the transmitter as well as the receiver battery packs from your planes. This will cut down on corrosion where the leads meet the circuit boards.

Secretary's Report, November 16, 1992

November's meeting opened on the 12th at 7:38 p.m.

The meeting was called to order by the newly elected NCRCC President, Jessica Thurrott . Members were reminded not to smoke in the meeting hall. In the absence of the secretary, Bobbie Reid, Patty Thibodeau recorded the minutes. Thanks Patty. New membership cards were available. Also the club is looking for a list of club equipment. The membership accepted the following new members with no opposition:

Joel Dodge, Joseph Dennis, Mickey Michaelian

All were welcomed to the club.

Treasurer's Report

The financial Report for 1991 - 1992 was presented by Rudy Roggenkamp.

It was requested that the yearly fuel purchase be made with cash in advance in 1993. There was a motion to accept this request by Charlie Meserve and seconded by John Ortolani. All members were in favor.

Dick Russell, the Activities Director announced that the Electric Fun Fly will be run by Ron Torrito. Activities were as published in the Newsletter.

Our Field Supervisor, Steve Teerlinck is looking for a tarp to cover the tractor. Our old tarp was found in the cornfield, torn, and the club needs a new one.

The Liaison Officer conducted the junior members special drawing. This drawing was held to encourage younger member participation.

A few words from Guy Beaudoin followed:

1. He is opposed to prepayment of fuel.
2. Guy related an incident in which an NCRCC member had been accused of harassing some neighboring goose hunters in the adjacent field to ours in Ellington. Supposedly this member was also "buzzing" the departing hunters with his airplane. The irritated hunters may have made an official complaint to the DEP which may have repercussions from the State.

It was suggested by Irv Thurrott to discuss the matter further at the Executive Meeting so the board could address disciplinary action, if necessary, aside from the normal meeting.

We received a new member application from Kevin Engle. He is sponsored by Paul Jacobs.

RAFFLE WINNERS:

Ryan Laitinen (Junior Member), Gerry Benoit, Henry Proulx (twice), Tom Piorek, Ron Larson, Paul Strawmyre (twice), Tony Giovannetti, Leslie George, Scon Ballou, Christopher Swtyla, Bob Kaminski, Charlie Meserve, Jessie Stoddard.

OLD BUSINESS:

1993 auction is scheduled for Saturday, Feb. 6 and Sunday, Feb. 7. Fees for rental of the armory have gone up this year. We plan to cut down on the number of chairs rented. Some problems this year at the armory are that the swap shop area is now being used as offices and we will not be able to utilize this area. Also, the garage area is now limited due to facility additions being made.

Some alternatives to upcoming problems:

Rent another facility. Perhaps the old Child World building on Freshwater Blvd. in Enfield could be rented.

We could package the Swap Shop items for selling at the main auction.

The auction could be turned into one big Swap Shop.

John Ortolani requested we find a Chairman and Coordinator for the 1993 auction. He had volunteered but due to personal health problems he felt he should step down.

IRV'S SWERVES: Refer to the write up in the newsletter. There is a new kind of feeling and order to your flying.

The deadline for the 1992-1993 renewals is November 12, 1992. All must be accompanied by the renewal application. Jessica called attention to the fact that AMA is being accused of slandering SFA regarding the insurance conflict issue.

NEW BUSINESS

THE MOST ACTIVE MEMBER BALLOTS WERE IN THE NOVEMBER NEWSLETTER. PLEASE VOTE!!

Marshall Smith and a few other flyers have received permission to fly gliders only at an alternate field. A show of hands indicated some interest in using the "turf farm" during the winter.

Lloyd Burnham and his visitor Don McStay are just back from Texas NMPRA contest. Lloyd set a personal record with 1.11 fast time.

There was a presentation by Henry Haffke following the main meeting.

At 8:55 p.m. there was a motion to close the meeting by Doug Laitinen which was seconded by Joe Banning. All were in favor.

I would like to apologize for not making the first meeting with the new officers. I agreed to be Secretary this year knowing there was a possibility other things (mainly keeping my job) might take priority over some club activities. Patty Thibodeau was kind enough to take the minutes for me, but it's not like being there and any misspelling or omissions are completely unintentional.

Hope you all have a Happy Thanksgiving!!! I will see you at the December meeting.

Bobbie.

The SSSSSLLLLLLLLOOOOOOW WWWRRRRRRRRRROOOOOOOLLLLLLLLLLLLLL

There are a number of factors that affect how perfect a roll appears to the onlooker: the path the plane follows, the consistency of the roll rate, the speed of the roll and the entry and exit attitude.

If you ever have the chance to go to a pattern meet and can position yourself way at the end of the runway, looking up or down the runway (at a safe distance away, of course), you'll be amazed at how the planes seem to follow a very erratic course - typically from left to right, left to right, etc. When you return to the position where the judges sit, the planes appear to be flying an exceptionally smooth path. This aberration is due to the fact that the three dimensionality of our perception needs reference points in order to perceive spatial relationships. A true horizontal line, drawn 100 feet above the runway, would probably surprise the most experienced pilot or judge, seeming to be curved.

What this means is that we'll probably never be able to easily program a plane to do perfect maneuvers, because perfection is distorted by our point of view. We have to fly maneuvers that look good from the judge's position.

Almost all pilots have tried rolls - just push the stick all the way over and then release it to neutral to complete the maneuver. This approach is easily recognized because the plane will usually end the maneuver in a dive and lose altitude when inverted.

If your plane is trimmed to fly straight and level in upright flight, you are actually overcoming the weight of the airplane (lift) by trimming in a positive angle of attack. As the airplane starts to roll, the lift is acting in a sideways direction (which explains the side-to-side vacillation when observed from the end of the runway) and then as the plane rolls to inverted the lift is acting downward (causing the loss of altitude). Continuing the roll causes sideways lift in the other direction and finally back to upright, or "neutral" lift. The dive, started when the plane approached inverted, continues after return to upright because the flight path had been altered - the nose dropped when inverted.

So, as with all maneuvers, there are kinesthetic reactions that must be correctly learned and then practiced. Visualization is again the best way to master rolling maneuvers. You must also understand the forces that need to be counteracted, via control inputs, to get the look you want.

As always, find a comfortable chair - away from any distractions - where you can sit with your transmitter. Position the transmitter so it feels natural and feel the neutrals on both sticks. Practice pure inputs to the elevators, ailerons and rudder. Return smoothly to neutral after each control input. When you feel that everything is under control start working on a slow roll.

Let's assume you're going to roll to the right. Picture the plane flying about 45 degrees off to your right. Make the wings perfectly flat with the horizontal.

Smoothly feed in enough pure right aileron to get the plane rolling smoothly, but slowly, to the right. You'll have to hold the same amount of aileron constantly from this point until completion of this maneuver. Be sure you're not twisting the transmitter or applying any other inputs during this first phase of the roll. As the wings go past the 30-40 degree point start to slowly feed in left rudder. The rudder is now starting to act like the elevator and will help to hold the nose up as the wings approach the vertical.

As the wings pass beyond the vertical slowly ease the rudder back to neutral - timing this so that neutral is achieved just before the plane is fully inverted. This process becomes more complicated because you must also begin to feed in some down elevator as the plane approaches inverted in order to maintain a constant altitude. (Meanwhile you are also holding a constant amount of right aileron).

Now, as the wings continue to rotate to the right, you must simultaneously ease the elevator back towards neutral as you ease in right rudder. When the wings are fully vertical, the elevator should be back to neutral and the rudder at whatever deflection it takes to maintain a straight flight path. This amount of deflection will usually be quite a bit more than was required during the first part of the maneuver - due mostly to the loss of airspeed.

Ease the rudder back toward neutral as the wings continue to rotate back to the horizontal. Timing is critical here to "lock" the plane back on straight flight by returning the aileron back to neutral.

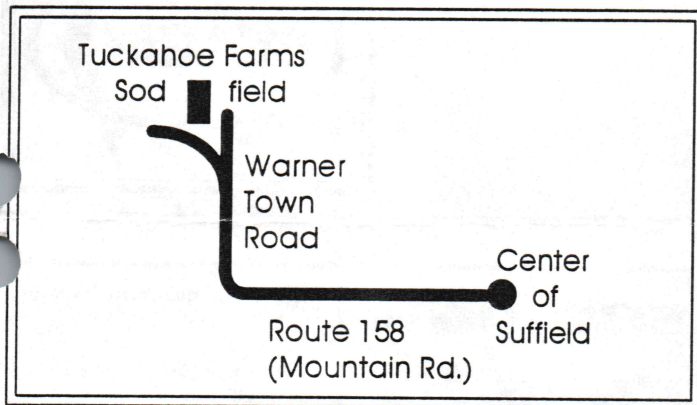
Learning this maneuver is one of the most satisfying of flying experiences and when you really "hit" one it's most exhilarating - especially if it extended from one end of the field to the other. Visualization, and armchair practice is the only practical way to be successful, as it's very counterproductive to go to the field and repetitively practice wrong inputs.

(Continued on Page 5)

Alternate Field for Glider Flying ONLY

The Tuckahoe Farms Sod Field is, according to Marshall Smith, available for use by any NCRCC glider pilots. Extreme care must be taken in using this facility as it is an active turf farm. Please follow the rules as listed below:

- 1) Use the **established roads only**. Do not turn around on the grass area.
- 2) Flying is limited to **not more than four aircraft/pilots** at any time.
- 3) No more than **three vehicles** are allowed on the property at any time.
- 4) All flying must be performed at only **ONE of the the available sites** on any given day due to lack of frequency control. There is more than one sod patch that makes up the farm.
- 5) Absolutely no interference is permitted with the **Sod Farm operations**. If workers show up at any time, HI-Starts, winches, etc. must be removed immediately.
- 6) Flying over **houses or workers** on the field is not permitted.



It is approximately 7 miles from the center of Suffield to the field.

Swervings (Continued).

Go through the control inputs **very slowly** a great number of times - until you no longer have to "figure out" what to do next. You're thumbs have learned the motions required, you're brain only has to supply the timing based on input from your eyes.

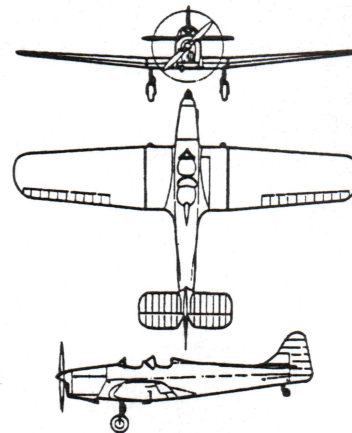
When you go to the field you may find that your plane doesn't fly the way you "visualized" it flying. Every plane requires a different "touch" and timing to fly the slow roll. Some planes require a lot of down elevator when inverted and others may need some "elevator as rudder" when flying knife edge. Don't give up on this maneuver, though, as it is the basis for many other skills needed to become a really proficient pilot.

It's also possible to practice this maneuver in "halves" - that is, once you get inverted just pause, then roll out directly. You can also start inverted and complete the slow roll from there.

"A Swerve in time saves nine".

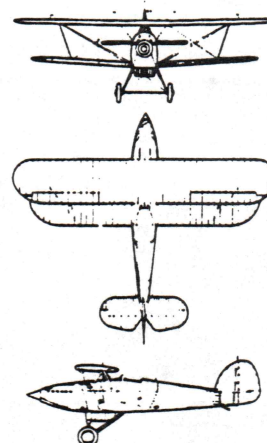
Full-scale Planes that would make Great Models

The Miles Magister was an important trainer for the United Kingdom at the start of WWII. The wingspan was almost 34 feet. The proportions are perfect for models and the appearance is unique yet pleasing. Should be stable and maneuverable.



Miles Magister

This streamlined single-seat fighter would make an excellent model also - very reminiscent of Norm Casales pattern biplane, the Pulsar. That model was very fast and could fly knife-edge almost indefinitely. It's a Hawker Fury I, from the late 1920's and was the first British fighter capable of going over 200 MPH in level flight. Wingspan was 30 feet.



Hawker Fury I & II

Robert E. Leiper
47 Diane Drive
Vernon, CT 06066

Editor:
In Thurott
21 Pine Knob Circle
South Windsor, CT 06074



FAXing Newsletter Items to the Editor:

- 1) Type should be at least 12 point.
- 2) Don't worry too much about format.
(Tabs, underlining, bold, etc.)
- 3) Set your FAX machine to "Fine".
- 4) Call first so FAX receive can be set up.

***Come see how
Lloyd does it!***

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Custom Lettering

Advertisement Rates

Advertisements printed in the NCRCC Newsletter will be charged at the following rates:

Non-commercial Ads

Members - FREE
Non-members - \$1.00/Issue

Commercial Ads

1/4 Page - \$3.00
1/2 Page - \$5.00
Full Page - \$8.00

*Custom
Lettering*

NCRCC Equipment Inventory (as of 10/14/92)

- 1 - Pair large Horn Speakers
- 1 - Amplifier
- 1 - Microphone
- 1 - Fire Extinguisher
- 1 - Radio shack sound system (small)
Amplifier, Speakers, Microphone,
Cord, speaker Wires
- 1 - Box Plastic Badge Holders
- 1 - Box Markers, Tapes. etc.
- 1 - Box Auction Records
- 1 - Box Auction Tags (large)
- 1 - Box Wooden Award Plaques
- 1 - NCRCC Sign (for Phone Pole)

**November Meeting
12/10/92
7:30 PM**

**Knights of Columbus
Windsor, CT
Presentation:
Custom Lettering
Richard Sievers**

March 1993

Editor:

Irv Thurrott

21 Pine Knob Circle

South Windsor, CT

06074

203-644-9040

(call before FAXing)



. NORTHERN
. CONNECTICUT
. RADIO
. CONTROL
. CLUB

Presbits by Jess Thurrott

Thanks to everyone who helped out at Auction '93 ! It seemed there were a lot more sellers than buyers this year, but there sure were a lot of good deals to be had. We didn't do too badly, considering the economy; the bottom-line numbers will be announced at the next meeting. A special thanks to Bob Beaudette, Lloyd Burnham, Dick Russell, Irv Thurrott, Patty Thibodeau, Guy Beaudoin, Bill Reid, and Tom Pioric for doing great jobs as chairpersons. It was great to see everyone that turned out to work and have that winter-time chance to talk planes. If you didn't come, you missed some good deals and good fun.

The March meeting means fuel ordering season has arrived. As previously discussed, all fuel ordered will be prepaid this year. Last year, the club was left with a lot of unclaimed fuel, and took a loss as a result. If you wish to order fuel this year, please bring a check or cash to the March meeting. If you can't make it to the meeting, send your order to Steve Teerlinck (see the ad in this newsletter).

For CD's, prepaid fuel ordering infers that you must estimate the amount of fuel needed for your contest, and essentially "pay" for it with your existing budget. Please have these orders to Steve Teerlinck by the end of March. Keep in mind that the first ever "Who's got the best memorabilia? ! " contest will be held at the April meeting. Hopefully you didn't sell all your memories away at the auction (my beloved trainer went for 35 bucks!) because there will be prizes and recognition to be had in this event. Perhaps you even picked up some new old-stuff with nostalgic value. Bring it in April.

And now a plug for the newsletter. Write articles. Please. If we had one of those computers that could translate spoken communication into written word for some of the guys in this club, we'd have 100 pages a month, but unfortunately we're not that technologically advanced. So we need you to contribute: news, opinions, reviews of products, cartoons, etc. You don't really want to hear the 'Thurrott' family philosophy for 5 pages, now do you? Please write...

See you at the meeting.

Jess

Order & Pay for FUEL at MEETING!!!

NCRCC MEETING AGENDA FOR 3/11/93

1. NEW MEMBER ACCEPTANCE
(Jeff & Brian Laitenen, Lee Garity, Richard Ferris)
2. PRESIDENT'S REPORT
3. SECRETARY'S REPORT
4. VICE PRESIDENT'S REPORT
5. TREASURER'S REPORT
6. ACTIVITIES DIRECTOR'S REPORT
7. FIELD SUPERVISOR/SAFETY OFFICER'S REPORT
8. LIASON OFFICER'S REPORT
9. OLD BUSINESS
Auction Report
10. NEW BUSINESS
Order your Fuel at Break
11. PROSPECTIVE MEMBER APPLICATIONS/INTRODUCTIONS
(IF ANY)
12. MONTHLY RAFFLE
13. DOOR PRIZE
None Planned
14. ACTIVITY/ENTERTAINMENT
Coverings, Glue, etc.

Probably anyone who has flown at the NCRCC club field has met Steve Teerlinck. Steve has been very active in club activities as well as accumulating an impressive number of air-hours. Steve's background in Mechanical Engineering has no doubt been very useful during his last 12 years of involvement in R/C modeling. He became interested in model aircraft at the age of 7, however, when he started flying control line models with his father. This led to his first purchase of an R/C plane when a freshman in high school. Aerobatic aircraft are Steve's favorites, and he especially likes Pitts Specials. His current stock of planes includes a Fun-scale P-51 Mustang, a four-stroke Midget Mustang, a Chip's Acro, two Pitts Specials, as well as an original design - Teerlinck Sportster. Steve has decided that four-stroke engines are the way to go and probably will never buy a two-stroker again. Airtronics FM radios are his choice and he has both 4 and 6 channel versions. Steve's "memorable moment" is best explained in his own words: "The flight I remember the most was back in '86 when I belonged to "Sparks" which flew out of a field in Granby, Mass. At the time I was flying a Dreamer Bi-Plane. Karen, my girl friend at the time (she's now my wife), had come along to watch. My favorite maneuver was to come across the field, pull up vertical, and do continuous vertical snap rolls until the plane fell off into a spin, and then recover. Well, I did one of these Potato Chip maneuvers (that's what I call it, because the plane looks like a falling potato chip).

When I stopped the spin the bottom of the plane was facing me. I thought "no problem - just push forward and push out inverted". I had never done that before, but since Karen was watching I was sure I could do it. Well, I pushed out inverted, held a little down to keep the plane level and everything was fine until I flew directly over my head. I had been told never to fly over your head as it will make you disoriented. So there I was, flying directly over my head inverted. I thought "just roll right side up and that should fix everything". I rolled upright and found everything was fine until I noticed the plane parallel with the trees, not the tree line, the trees (you know, straight up and down). The next instant my little Dreamer was in pieces. All over the field. To this day I can still remember looking over at Karen and I could tell she was biting her tongue trying not to laugh. I guess what had happened was that when I rolled upright I forgot to release the down elevator I was holding while inverted. By flying directly over my head, looking straight up all I could see was blue sky. There was no reference to indicate the plane was losing altitude until I was below the tree line and the plane was in a complete vertical dive. All Karen saw was a plane flying along inverted and roll upright and dive into the ground. I guess it must have been pretty humorous from her point of view."

NCRCC MINUTES OF JANUARY MEETING, *Bobbie Reid - Secretary*

Editor's Note: Besides not publishing a February newsletter, I clobbered the diskette that Bobbie provided, leaving only half of her recorded minutes. (I apologize, but the President will entertain impeachment motions at the March meeting).

New Member Applications include: Jeff and Brian Laitenen (Doug's sons), Lee Garity and Richard Ferris. There was much discussion about the upcoming Auction.

What's left of Bobbie's minutes follows:

Jess expressed special thanks to Bob, Lloyd and others for stepping in and helping out with the auction. We broke for coffee and doughnuts at 8:30 p.m. Contest director packs were to be distributed during the break. It is hoped that each Contest Director will have an apprentice this year to help get new CD's trained. Please contact a CD if interested in this training program.

The meeting restarted at 8:50 p.m., with new member applications. Ralph Rinaldi and Chris Sutyla were voted in as new members. Welcome to the club!

New Business: Steve Teerlinck suggested a "Show and Tell" at a meeting where your project may be discussed. This will especially help beginners to get tips and help from those "older" members. Others can bring in their projects so we can see what's being built.

Dick Russell mentioned that he ended up with the NCRCC album at the last Executive Meeting. Any pictures that anyone wants to add, please see him. Let's keep the book going and get some pictures in it this year.

It was mentioned that the Bradley Air Museum has a public meeting room now. Perhaps we could have a meeting there. We tried before to have a meeting at the museum but found it too expensive.

Patty Thibodeau has become the 1st female scout master in the state of Connecticut. Congratulations, Patty! she is arranging for the scouts to participate in the EAA (the flying program mentioned in last months' newsletter). It is a 2-hour program with a 10 minute flight afterwards. She asked if there were any interested kids that would like to sign up also.

For those of you who knew Bill Hall, a past NCRCC member, he passed away last July.

Raffle: There will be no raffle in February due to the auction. There will be two radios raffled at the auction so be sure to buy tickets. The door prize will also be a radio.

The following people won at the meeting raffle:

Dick Ferris	Bill Reid	Paul Strawmyre	Jessie Stoddard	Rae Lavallee
Wayne Galbraith	Joe Sacaloski	Chris Sutyla	George White (2)	Buddy Bresden
Ed Lysaght (3)	Kid's Raffle - Jeff Messikian			

The meeting ended around 9:15 p.m.

NCRCC 1993 CLUB ROSTER

LAST NAME	FIRST NAME	AMA NO.	ADDRESS	CITY	ST.	ZIP	PHONE	REMARKS
ADAMONIS	RICHARD C.	455442	1083 MAIN ST.	S. GLASTONBURY	CT	6073-2110	(203)659-0641	
ALBERT	FERN	412280	7 WINDING LANE	ENFIELD	CT	06082	(203)745-0286	
ALLEMAN	CARL	399136	8 PROGRESS AVE.	ROCKVILLE	CT	06066	(203)872-3820	
ARGENTA	RYAN	423592	34 WHISPERWOOD DR.	SOMERS	CT	06071	(203)749-5601	
BALLOU	SCOTT	133369	387-1 NORTH MAPLE ST.	ENFIELD	CT	06082	(203)749-1931	
BANNING	JOE	389009	6 TRINITY DRIVE	ENFIELD	CT	06082	(203)745-0021	
BARNES	STANLEY E.	204934	142 BAXTER ST.	TOLLAND	CT	06084	(203)875-3125	
BARTON	FRANK	4045	122 BURBANK RD.	ELLINGTON	CT	06029	(203)875-7581	
BEAUDETTE	ROBERT	2144	2 VERNON ROAD	ENFIELD	CT	06082	(203)749-9742	
BEAUDOIN	GUY	74023	18 SUN ST.	ENFIELD	CT	06082	(203)749-9534	
BEDNARZ	JOSEPH H.		815 FARMINGTON AVENUE	W. HARTFORD	CT	06119	(203)643-9117	
BENOIT	GERARD L.	12562	118 SCHOOL STREET	AGAWAM	MA	01001	(413)786-7136	
BERG	GILBERT	271368	G-10 BRADLEY CIRCLE	ENFIELD	CT	06082	(203)745-0627	
BERR	MARTIN	121898	84 STONEFIELD TRAIL	S. WINDSOR	CT	06074	(203)644-6701	
BETTIELLE	BRUCE J.	271179	750 BLUE HILLS AVE.	BLOOMFIELD	CT	06002	(203)242-4289	
BOGOSLOFSKI	DENNIS J.	196551	77 MAPLE RIDGE DRIVE	SOMERS	CT	06071	(203)763-2858	
BOND	DOUGLAS E.	126780	136 WELLS ROAD	E. WINDSOR	CT	06088	(203)627-9126	
BOND	HARRY E.	191757	5 BOOTH ST.	ENFIELD	CT	06082	(203)745-3719	
BOULAIS	BOB	166906	133 EVERGREEN RD.	VERNON	CT	06066	(203)872-7900	
BOWLEN	CLARK	417112	131 EAST CANTER	MANCHESTER	CT	06040	(203)646-4329	
BRANT	GARRETT	308237	PARADISE LANE	HAMPDEN	MA	01036	(413)566-8645	
BRANT	JAMES	308237	PARADISE LANE	HAMPDEN	MA	01036	(413)566-8645	
BROWN	DAVE	385574	BOX 508124, ROSEHAVEN RD.	SOMERS	CT	06071	(203)749-8867	
BURKE	KEN	85901	11 WINDING LANE	SPRINGFIELD	MA	01118	(413)783-3301	
BURNHAM	LLOYD	335822	715 AVERY ST.	S. WINDSOR	CT	06074	(203)644-0152	
CAMPBELL	ALLAN A.	120476	73 CENTER STREET	LUDLOW	MA	01056	(413)583-8319	
CASTELLANOS	ROBERT J.	450632	19 OAK RIDGE DRIVE	FEEDING HILLS	MA	01030	(413)786-9279	
CHANDLER	WILLIAM S.	339207	154 OLD STAFFORD RD.	TOLLAND	CT	06084	(203)872-4175	
CHEYER	JOHN	88116	175 SCOTT DRIVE	MANCHESTER	CT	06040	(203)646-0459	
CICHOWICZ	PAUL	80793	220 BREWER STREET	E. HARTFORD	CT	06118	(203)569-2766	
CLARK	LINWOOD	115305	423 GARDNER STREET	MANCHESTER	CT	06040	(203)649-6695	
COLLIS	ROD	245963	69 VERNON AVE, APT 117	VERNON	CT	06066	(203)872-7346	
CONNER	JOHN	43897	11 LIGHT STREET	ENFIELD	CT	06082	(203)749-4570	
DAVIS	BOB	70933	121 CEDAR RIDGE DR.	GLASTONBURY	CT	06033	(203)633-7109	
DE MARS	BILL	455440	137 SPRING ST.	WINDSOR LOCKS	CT	06096	(203)623-4991	
DENNIS	JOSEPH M.	422305	64 NEVINS AVE.	LONGMEADOW	MA	01106	(413)567-1108	
DODGE	JOEL	362771	90 WESTLAND ST.	MANCHESTER	CT	06040	(203)619-3767	
DOMBEK	STEVEN	234847	139 HANY LANE	VERNON	CT	06066	(203)875-7249	
DORAN	MICHAEL	337952	134 BROADBROOK RD.	ENFIELD	CT	06082	(203)763-2564	
DRAKE	GLEN W.	142302	130 HAYDEN STATION RD.	WINDSOR	CT	06095	(203)683-2045	

NCRCC 1993 CLUB ROSTER

LAST NAME	FIRST NAME	AMA NO.	ADDRESS	CITY	ST.	ZIP	PHONE	REMARKS
DUGAN	ANDREW V.		29 VERNON CTR. HTS.	VERNON	CT	06066	(203)875-7168	
DULUDE	ROGER	444446	8 ALAIMO DR.	ENFIELD	CT	06082	(203)763-3820	
FERGUSON	WADE	368566	136 MOHEGAN TRAIL	S. WINDSOR	CT	06074	(203)644-9682	
FORTIN	DEAN	322199	71 TILL ST.	ENFIELD	CT	06082	(203)741-8021	
FORTIN	ROGER	322198	45 GANNY TERRACE	ENFIELD	CT	06082	(203)745-0295	
FRAINE	JESSICA		148 PROSPECT ST.	ROCKVILLE	CT	06066	(203)875-1258	
FRAINE	JOHN	3321	148 PROSPECT ST.	ROCKVILLE	CT	06066	(203)875-1258	
FRAINE	JOHNATHAN		148 PROSPECT ST.	ROCKVILLE	CT	06066	(203)875-1258	
FRAINE	LINDA	368907	148 PROSPECT ST.	ROCKVILLE	CT	06066	(203)875-1258	
GABBERT	CARL E.	449141	368 HAZARD AVE.	ENFIELD	CT	06082	(203)749-8240	
GALBRAITH	R. WAYNE	101209	10 CARL ST.	ENFIELD	CT	06082	(203)745-3291	
GAMELLI	RON	69463	23 RIDGE VIEW DRIVE	FEEDING HILLS	MA	01030	(413)786-6948	RAFFLE CHAIRPERSON
GAY	RONALD	382944	4 SUN STREET	ENFIELD	CT	06082	(203)749-4318	
GEORGE	LESLIE	102804	52 OLD ELLINGTON RD.	BROAD BROOK	CT	06016	(203)623-6026	
GIOVANETTI	ANTHONY	210939	28 POWDER RIDGE RD.	ENFIELD	CT	06082	(203)749-3336	
GLODE	WILLIAM S.	45728	777 STAFFORD ROAD	STORRS	CT	06268	(203)429-1046	
GWOZDZ	JOHN F.	415670	93 SESSIONS DR.	HAMDEN	MA	01036	(413)566-8151	
HALVATY	KIRK	116423	95 WESTERLY TERRACE	E. HARTFORD	CT	06118	(203)569-3598	
HAYDEN	KEITH	309106	180 BOULDER CIRCLE	GLASTONBURY	CT	08033	(203)857-9616	
HILL	ROGER F.	252192	26 MAPLE RIDGE DR.	SOMERS	CT	06071	(203)749-4278	
HUNT	KEN	322178	265 MAIN STREET	E. WINDSOR	CT	06088	(203)623-6938	
JACOBS	PAUL	200095	6 PUTNAM DRIVE	ENFIELD	CT	06082	(203)745-5860	
JEZEK	BARRY	446291	40 WEBBER RD.	TOLLAND	CT	06084	(203)872-7678	
JONES	ROGER K.	84210	64 BROOK ROAD	ENFIELD	CT	06082	(203)749-2025	
KAMINSKI	MICHAEL	94646	121 BIRCH HILL DR.	S. WINDSOR	CT	06074	(203)644-0493	
KAMINSKI	ROBERT	39499	121 BIRCH HILL DR.	S. WINDSOR	CT	06074	(203)644-0493	
KATILUS	MATTHEW	426639	22 KIMBERLY DR.	ENFIELD	CT	06082	(203)749-4561	
KATILUS	PAUL	426638	22 KIMBERLY DR.	ENFIELD	CT	06082	(203)749-4561	
KIES	VINCENT	317742	56 PETERSON RD.	VERNON	CT	06066	(203)871-0567	
KIMBLE	MITCH	115688	135 WEYMOUTH ROAD	ENFIELD	CT	06082	(203)745-3688	
KNOWLES	R.	103838	16801 S.E. HWY. 301	SUMMERFIELD	FL	34491	(---)245-7835	
KRUPINSKI	EDWARD	345881	50 CHURCH ST.	BROAD BROOK	CT	06016	(203)623-9613	
KUZARA	BILL	452333	84 GRAHAM ROAD	BROAD BROOK	CT	06016	(203)627-7639	
LAITENEN	DOUGLAS	07011	48 WESTERLY TERRACE	E. HARTFORD	CT	06118	(203)569-0825	
LARSON	RONALD	449167	17 LIGHT ST.	ENFIELD	CT	06082	(203)749-9396	
LAVALLEE	REYNALD	75794	13 ELAN ST.	ENFIELD	CT	06082	(203)745-6136	
LAVIERI	NICHOLAS	138007	1080 RATLEY ROAD	W. SUFFIELD	CT	06093	(203)668-4825	
LEIPER	ROBERT E.	341680	47 DIANE TR.	VERNON	CT	06066	(203)649-6690	Vice President
LOVE	EDWARD	458390	6 BOYLE DRIVE	ENFIELD	CT	06082	(203)749-9163	
LOVE	FREDERICK	458391	6 BOYLE DRIVE	ENFIELD	CT	06082	(203)749-9163	

NCRCC 1993 CLUB ROSTER

LAST NAME	FIRST NAME	AMA NO.	ADDRESS	CITY	ST.	ZIP	PHONE	REMARKS
LUZUSKY	DAVID A.	159088	209 BABBS ROAD	W. SUFFIELD	CT	06093	(203)668-2189	
LYSAGHT	ED	233784	73 N BLVD.	W. SPRINGFIELD	MA	01089	(413)739-8029	
MC CAFFREY	MICHAEL	17986	47 YORKSHIRE LANE	WINDSOR	CT	06095	(203)688-2496	
MESERVE	CHARLES	66283	3 CIRCLE VIEW DR.	HAMPDEN	MA	01036	(413)566-3308	
MESSIKIAN	EDWARD	451669	740 WASHINGTON ST.	HOBOKEN	NJ	07030	(201)798-1325	
MEYER	ROY D.	440061	15 RIVERDALE RD.	ENFIELD	CT	06082	(203)745-3163	
MICHAELIAN	MICKEY	256908	6 PINE DR.	BROAD BROOK	CT	06016	(203)623-6237	
MIELNIK	ROBERT	390250	809 E. ST. N.	SUFFIELD	CT	06078	(203)745-3959	
MILLER	CARROLL	259102	937 MARQUETTE CT.	DELTONA	FL	32725	(904)736-4536	
MILLER	CHRIS	439526	9 WINDHAM RD.	ENFIELD	CT	06082	(203)745-3405	
MORE	ED	113855	240 ALEWIFE LANE	SUFFIELD	CT	06070	(203)668-6414	
MOULTON	WESLEY	430038	37 WEST ST.	MANCHESTER	CT	06040	(203)645-1165	
MUELLER	RICHARD F.	330020	8 MANNING RD.	ENFIELD	CT	06082	(203)745-7878	
MUSSER	LEROY	88400	148 S. GRAND ST.	W. SUFFIELD	CT	06093	(203)668-5772	
NADEAU	DONALD	398510	218 PINNEY ST.	ELLINGTON	CT	06029	(203)871-1256	
NEWMAN	JULES	408235	14 APPLEWOOD RD.	BLOOMFIELD	CT	06002	(203)242-6164	
NEWTON	DALE B.	3417	15 WESTMINSTER ST.	E. LONGMEADOW	MA	01028	(413)525-3132	
OBER	LEONARD	218999	100 GEARALDINE DR.	COVENTRY	CT	06238	(203)742-0286	
OKRASKA	MIKE	98486	403 MAIN ST.	SOMERS	CT	06071	(203)749-3320	
ORTOLANI	JOHN A.	232277	14 DOGWOOD LANE	ELLINGTON	CT	06029	(203)871-9591	
OWENS	ROBERT		21 FALCON CREST	ENFIELD	CT	06082	(203)745-1966	
PARKER	CHANCE W.	412858	299 BUCKLAND HILLS DR.	MANCHESTER	CT	06040	(203)644-7052	
PARKER	PHILIP	249671	39 OVERBROOK RD.	VERNON	CT	06066	(203)872-9069	
PARKER	RICHARD	246297	39 OVERBROOK RD.	VERNON	CT	06066	(203)872-9069	
PARKER	THOMAS	255566	39 OVERBROOK RD.	VERNON	CT	06066	(203)872-9069	
PASTULO	STEVE S.	119135	41 HOFFMAN RD.	ELLINGTON	CT	06029	(203)871-7940	
PICKRELL	JAMES S.	361600	22 CHANNELL DR.	AGAWAM	MA	01001	(413)789-0112	
PIOREK	TOM	257932	20 BASS DR.	ENFIELD	CT	06082	(203)741-5336	
PORTER	DAVID W.	380626	44 MC KEE ST.	MANCHESTER	CT	06040	(203)647-7091	
POST	ED	95330	502 WASHINGTON RD.	ENFIELD	CT	06082	(203)741-0253	
PRESTON	NOEL B.	328467	200 SCULLY RD.	SOMERS	CT	06071	(203)749-3407	
PROULX	HENRY	364823	32 WELLWOOD CIRCLE	VERNON	CT	06066	(203)875-1661	
PUCCHAS	BRETT	435755	102 SESSIONS DR.	HAMPDEN	MA	01036	(413)566-3283	
REID	BOBBIE	118798	36 CLEAR ST.	ENFIELD	CT	06082	(203)749-0816	SECRETARY
REID	WILLIAM	118802	36 CLEAR ST.	ENFIELD	CT	06082	(203)749-0816	
RINALDI	RALPH	28480	53 MERELINE AVE.	E. LONGMEADOW	MA	01028	(413)746-5495	
ROBINSON	JOHN	422752	102 BAXTER ST.	TOLLAND	CT	06084	(203)875-1581	
ROBINSON	MICHAEL	422753	102 BAXTER ST.	TOLLAND	CT	06084	(203)875-1581	
ROCK	LEONARD	370146	125 COASTBRIDGE DR.	VERNON	CT	06066	(203)875-0211	
ROGGENKAMP	RUDOLF H.	85774	198 ELM HILL RD.	VERNON	CT	06066	(203)643-0877	TREASURER

NCRCC 1993 CLUB ROSTER

LAST NAME	FIRST NAME	AMA NO.	ADDRESS	CITY	ST.	ZIP	PHONE	REMARKS
RONCARTI	HENRY	88270	49 PLEASANT ST.	MANCHESTER	CT	06040	(203)649-0670	
ROY	VICTOR P.	394697	730 SUFFIELD ST.	SUFFIELD	CT	06078	(203)668-4821	
RUNDE	ART	402447	471 WOODLAND ST.	WINDSOR LOCKS	CT	06096	(203)623-6186	
RUSSELL	DICK	341658	226 MANCHESTER RD.	GLASTONBURY	CT	06033	(203)633-8859	ACTIVITIES
RUSSEU	RICHARD	341658	226 MANCHESTER RD.	GLASTONBURY	CT	06033	(203)633-8859	
SALERNO	DONALD	309471	12 SKY ST.	ENFIELD	CT	06082	(203)749-9111	
SAVASTANO	PAUL	105398	54 DISCOVERY RD.	VERNON	CT	06066	(203)872-6303	
SCHOELL	DANIEL	315692	21 LUDWIG RD.	ELLINGTON	CT	06029	(203)875-7141	
SHAMONIS	STANLEY	15830	45 WOODSIDE DR.	S. WINDSOR	CT	06074	(203)528-6080	
SIMMONDS	ARTHUR	837	145 IRENE DR.	VERNON	CT	06066	(203)872-8041	
SNYDER	DON	159210	87 TIMBER TR.	S. WINDSOR	CT	06074	(203)644-2943	
SOCOLSKY	STEPHEN	362534	137 NAOMI DR.	E. HARTFORD	CT	06118	(203)569-6385	
STEVENSON	JAMES R.	309812	47 SHERWOOD DR.	E. HARTFORD	CT	06108	(203)528-2714	
STODDARD	JESSIE	442780	53 TILL ST.	ENFIELD	CT	06082	(203)745-3816	
STRATTON	TOM	363704	9 BURNS AVE.	ENFIELD	CT	06082	(203)745-1343	
STRAWMYRE	PAUL	161367	38 CENTER ST.	ROCKVILLE	CT	06066	(203)875-3496	
SUTYLA	CHRIS	463412	28 MIDDLE BUTCHER RD.	ELLINGTON	CT	06029	(203)875-1192	
SUTYLA	RAYMOND	262323	28 MIDDLE BUTCHER RD.	VERNON	CT	06066	(203)875-1192	
TEERLINCK	STEVE	382673	MOULTON HILL RD.	MONSON	MA	01057	(413)267-9545	FIELD SUPV.
TETRAULT	ALAN	364176	75 TETRAULT RD.	STAFFORD SPRING	CT	06076	(203)684-3092	
THIBODEAU	DANIEL	392267	170 COTTAGE RD.	ENFIELD	CT	06082	(203)749-6985	
THIBODEAU	DENNIS	95123	170 COTTAGE RD.	ENFIELD	CT	06082	(203)749-6985	
THIBODEAU	PATTY	111465	170 COTTAGE RD.	ENFIELD	CT	06082	(203)749-6985	
THOMAS	PETER	405276	14 DAVID DR.	E. WINDSOR	CT	06088	(203)627-8283	
THRESHER	ALAN	34681	19 DISOR DR.	ENFIELD	CT	06082	(203)749-9274	
THURROTT	IRV	67584	21 PINE KNOB CIRCLE	S. WINDSOR	CT	06074	(203)644-9040	NEWSLETTER EDITOR
THURROTT	JESSICA	29900	21 PINE KNOB CIRCLE	S. WINDSOR	CT	06074	(203)644-9040	PRESIDENT
THURROTT	WHITNEY	67584	21 PINE KNOB CIRCLE	S. WINDSOR	CT	06074	(203)644-9040	
TOBIN	WILLIAM	426145	5 TRUMBULL ST.	ROCKVILLE	CT	06066		
TORRITO	RENEE	266335	1625 MAIN ST.	E. HARTFORD	CT	06108	(203)528-2227	
TORRITO	RONALD	266334	1625 MAIN ST.	E. HARTFORD	CT	06108	(203)528-2227	
TULLY	RICHARD	274629	167 GROVE ST.	WINDSOR LOCKS	CT	06096	(203)623-7168	
VAN VALKENBA	GREG	24496	39 DONNEL RD.	VERNON	CT	06066	(203)872-3737	
WALLACE	ROBERT	478	91 SYLVAN ST.	AVON	CT	06001	(203)673-2000	LICENSED CD
WARREN	ROGER	304919	37 EDGEWOOD RD.	SOUTHBOROUGH	MA	01772	(508)460-8339	
WELCH	BOB	360592	16 PINNOCLE RD.	ELLINGTON	CT	06029	(203)871-6481	
WEST	GEORGE	327082	228 WATCHAUG RD.	SOMERS	CT	06071	(203)749-3882	
WEST	STEVEN	357027	228 WATCHAUG RD.	SOMERS	CT	06071	(203)749-3882	
WHITE	GEORGE A.	264133	13 TARRY BROOK DR.	GLASTONBURY	CT	06033	(203)633-0616	
WILBUR	KEITH	27257	25 TUNXIS RD.	NEWINGTON	CT	06111	(203)666-0616	

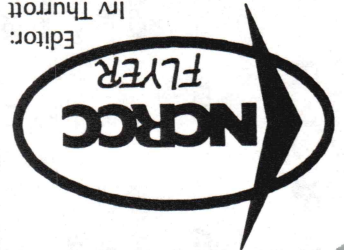
NCRCC 1993 CLUB ROSTER

LAST NAME	FIRST NAME	AMA NO.	ADDRESS	CITY	ST.	ZIP	PHONE	REMARKS
WILLIAMS	BERNICE		50 AVIATION DR., N.W.	WINTER HAVEN	FL	33881		HONORARY, LIFETIME MEMBER
WILLIAMS	BURT		50 AVIATION DR., N.W.	WINTER HAVEN	FL	33881		HONORARY, LIFETIME MEMBER
WINANS	CRAIG	379062	15 ESTHER AVE.	ROCKVILLE	CT	06066	(203)875-0932	
WOSKO	WALTER	43764	740 ENFIELD ST.	ENFIELD	CT	06082	(203)745-7605	
WOSKO, JR.	WALTER	55581	1105 RATLEY RD.	W. SUFFIELD	CT	06093	(203)668-7189	
WYSOCKI	JAMES E.	338632	337 JOBS HILL RD.	ELLINGTON	CT	06029	(203)875-9319	

Enfield
36 Clear St.
Bobbie Reid
CT 06082

Enfield
36 Clear St.
Bobbie Reid
CT 06082

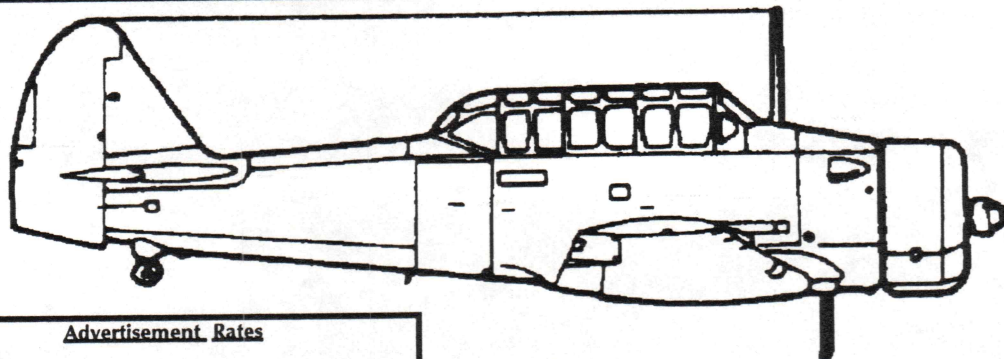
Editor:
Irv Thurott
21 Pine Knob Circle
South Windsor, CT 06074



FAXing Newsletter Items to the Editor:

- 1) Type should be at least 12 point.
- 2) Don't worry too much about format.
(Tabs, underlining, bold, etc.)
- 3) Set your FAX machine to "Fine".
- 4) Call first so FAX receive can be set up.

Coverings and Glues



Advertisement Rates

Advertisements printed in the NCRCC Newsletter will be charged at the following rates:

Non-commercial Ads
Members - FREE
Non-members - \$1.00/Issue

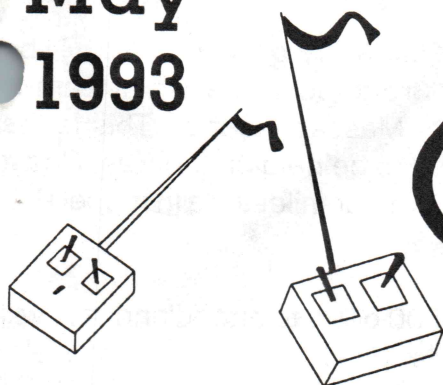
Commercial Ads
1/4 Page - \$3.00
1/2 Page - \$5.00
Full Page - \$8.00

NCRCC Equipment Inventory (as of 2/11/93)

- 1 - Pair large Horn Speakers
- 1 - Amplifier
- 1 - Microphone
- 1 - Fire Extinguisher
- 1 - Radio shack sound system (small)
Amplifier, Speakers, Microphone,
Cord, speaker Wires
- 1 - Box Plastic Badge Holders
- 1 - Box Markers, Tapes, etc.
- 1 - Box Auction Records
- 1 - Box Auction Tags (large)
- 1 - Box Wooden Award Plaques
- 1 - NCRCC Sign (for Phone Pole)

March Meeting
13/11/93
7:30 PM
Knights of Columbus
Windsor, CT
Presentation:
Coverings
and Glues

May
1993



..... NORTHERN
..... CONNECTICUT
..... RADIO
..... CONTROL
..... CLUB

Presbits by Jess Thurrott

I heard that the meeting was well attended and much enjoyed in my absence (is that a hint??) . Congratulations to all winners of the "Oldies Contest." I guess we'll have to make this an every-five-year event, so that we can make some new memories.

Things at the field are looking great, thanks to the hard work and organization of Steve Teerlinck, a new gate from Ed Lysaght (Terminator proof!), and a lot of elbow grease from our members. Let's all celebrate the green grass of a new season at the Hickton Fun Fly, New Plane Fly, and NCRCC Family Picnic on May 16. Steve T. has come up with a great new anti-crash way to run the fun fly, so feel free to bring out your favorite models. Just leave your deck of playing cards at home.

For a faster pace and higher stakes, be sure to catch the Formula One races on May 30th. Newcomers to racing can also try their hand at the "First Timers" Race on the same day. Come join the fun!

See you at the field.

Jess

The FUEL ORDER for our club has been received.

I will bring the fuel to the May meeting to distribute it to the members who ordered fuel.

Please come to the May meeting to pick up your fuel, I will bring it to the meeting only once. If you miss the meeting or forget to pick up your fuel you will have to make your own arrangements to collect your fuel from me.

Thank you for your cooperation! (Steve Teerlinck)

NCRCC MEETING AGENDA FOR 5/13/93

1. NEW MEMBER ACCEPTANCE
2. PRESIDENT'S REPORT
3. SECRETARY'S REPORT
4. VICE PRESIDENT'S REPORT
5. TREASURER'S REPORT
6. ACTIVITIES DIRECTOR'S REPORT
7. FIELD SUPERVISOR/SAFETY OFFICER'S REPORT
8. LIASON OFFICER'S REPORT
9. OLD BUSINESS
10. NEW BUSINESS
11. PROSPECTIVE MEMBER APPLICATIONS/INTRODUCTIONS (IF ANY)
12. MONTHLY RAFFLE
13. DOOR PRIZE
None Planned
14. ACTIVITY/ENTERTAINMENT
Building Contest

President: Jessica Thurrott, 203-289-1181
Vice President: Bob Leiper, 203-649-6690
Secretary: Bobbie Reid, 203-749-0816
Treasurer: Rudy Roggenkamp, 203-643-0877
Field Supervisor: Steve Teerlinck, 413-267-9545
Activities Director: Dick Russell, 203-633-8859

Newsletter Editor: Irv Thurrott, 203-644-9040
Flight Instructors:

To Be Announced

Renee Torrito Entertains the Troops

The week after the blizzard, I found a terrific way to spend an evening. I was invited by the Royal Ranger troop to do a model airplane display. The Royal Rangers are Christian boys who are organized by a Pentecostal Church into a Boy Scout-style troop. I drove to New Britain with my "Electromaus" electric airplane/transmitter and a short video from the KRC Electric Fun Fly.

Awaiting my arrival were a dozen boys ages five through eleven and their commanders. Their smiles and eager expressions boded well for me. First I showed them the airplane and explained the purpose of the ailerons, elevator and rudder. Then I took the wing off the plane and demonstrated the servos and showed them how the motor worked (minus propeller).

After the boys examined the airplane, we all gathered around a television set and viewed the video. They were thrilled to see a flying wing that measured over 10 feet across and oohed and aahed over a Gee Bee racer. Then came the fun part! Questions!

One little boy thought there was pilot in the airplane. Another little boy wanted to know if the elevator went up and down "real fast" like swim fins. When I asked them questions, I found that they had been very attentive and understood my discussion, except for the one little guy who insisted there was a pilot inside.

This was a very enjoyable evening for me and I definitely came away with a good feeling, and an invitation to return. Do something good for yourself and some youngsters. Visit a scout troop or Royal Rangers and take along a plane. You'll be sharing the hobby you love and may be starting a new hobby for a youngster.

Winter Meeting Slide Show

- **Bring in any pictures you have of NCRCC activities for our slide show.**
 - **Print your name on the back of the pictures if you would like them returned to you.**
 - **Your pictures will be used to make slides, and they can be returned to you unharmed.**
 - **If you do not want your pictures back they will be added to the NCRCC Photo Album.**
- Thanks for your support!**

Dick Russell's Big New Baby

The 13th Annual **IMAA Rally of Giants '93** will be held on September 3rd through the 6th at Barnes Airport in Westfield, Massachusetts. This is the first time this event is to be held on the East Coast and promises to be a major milestone in model R/C aircraft history.

Dick expects about 500 pilots to attend and they will be bringing upwards of 700 giant scale models. Can you imagine all those planes stretched out along the runway?

In order to run a successful event of this magnitude, Dick is in need of a cadre of volunteer workers. Here's a chance to see some really exciting aircraft and also be part of a modeling extravaganza! If you work for 2 hours a day, you'll receive free admission, parking and a pit pass. If you can put in 4 hours, you'll also have your name included in a daily raffle (big prizes!).

There will be a Clam Bake on Friday night that features clams and lobster for a fee of \$22.

Saturday night will be the IMAA Banquet with a choice of Chicken, Stuffed Flounder or Roast Beef. The cost for the Banquet is \$25. Note that anyone may attend these functions whether you are a contestant or not.

Please give **Dick Russell** a call if you'll be able to donate some time to this endeavor (203-633-8859).

The lock for the field gate has been changed due to the fact that the old lock was unreliable and has malfunctioned in the past.

The new lock also has a new combination for security reasons.

Please attend the next meeting to receive the new combination.

The combination will NOT be published in the news letter because our newsletter is circulated to other clubs.

If you can not attend the meeting please feel free to contact me for the combination.

Thanks.

Steve Teerlinck / NCRCC Field Supervisor (413) 267 - 9545

NCRCC MINUTES OF APRIL MEETING, Bobbie Reid - Secretary

The meeting was called to order April 8, 1993 at 7:40 p.m. In the absence of the President, the Vice President, Bob Leiper, presided over this meeting.

The secretary's report, as recorded in the newsletter, was accepted.

The following **new members** were voted into the club:

Karol Dombek of Vernon, CT
Robert Fregeau of E. Longmeadow, MA
Jeffrey Herzberger of Manchester, CT
Fred Jezek of Tolland CT

SECRETARY'S REPORT:

The Flight Instruction Package is now available and any new members from the past year are advised to obtain one. Old (not agewise) members are welcome to take an Instruction Package, also.

TREASURER'S REPORT:

The treasurer's report was given by Rudy and accepted.

ACTIVITIES DIRECTOR'S REPORT:

The activities director reported that the sanction for Ron Torrito's electric fly has been received. Dick Russell also reported that the budget for activities has just about been expended.

Hickton Fun Fly — This event will be a poker game. All participants will sign up to join in the fun. Pilots must fly at least 5 minutes to receive a playing card. Each 5-minute flight between 1 p.m. - 4 p.m. will be rewarded a playing card. You must fly five or more times to remain eligible. Best hand at end of contest wins.

Slide Show — Just a reminder — bring in any pictures of interest to NCRCC. Steve Teerlinck brought in a box for deposits. On request (write your name on the back) the picture will be returned.

The **Most Nostalgic Contest** was held at this meeting. The grand prize was voted on by club members.

FIELD SUPERVISOR'S REPORT:

Fuel Order — Members were asked to check their names on the order sheet if they ordered fuel. It should be delivered next week (week of April 12th). Volunteers are needed to pick it up.

Field Day — Spring is here again and we're looking forward to another good flying season. We all know what that means, don't we? Yep!! it's time to clean up and prepare the field. Members were asked to sign up for field day, April 24th, or just appear at the field to help. Bring rakes, shovels, trash bags, or anything else you think might prove helpful.

The **windsock** is gone and the club needs a new one. Steve checked into purchasing one that can (the sock part) be replaced. But the membership preferred the cheaper one as we've had in the past.

A short discussion followed on getting someone to weld the **gate**. Ed Lysaught volunteered to make a new, heavy duty one. It can't be done immediately but he will make it this year. Meanwhile, we will have the present one welded.

At the time of this meeting, the road was **INACCESSIBLE**.

The Executive Committee voted to buy a **new lock**. We will not publish the number in the Newsletter. Those present at the meeting were given a card with the combination on it. Others may find out the number by calling the Field Supervisor, Steve Teerlinck.

Field Rolling - we are pricing it now; however, the rolling will have to wait until the road becomes accessible. The mower blades will also be sharpened this year.

LIAISON OFFICER:

Eighty-five dollars worth of prizes were purchased for the April raffle.

OLD AND NEW BUSINESS:

Plans for the Rally of Giants are progressing well. There will be great raffle prizes. There will also be items given away to pilots.

NCRCC (and Irv) would like more participation with Newsletter articles. Anything from the membership will be helpful.

The names and addresses of Senators and Congressmen was suggested to enable members to continue writing in regard to the frequency issue. However, it was related to us that the period for letter writing was over now. Lloyd Burnham said the government knows we exist now from all the national participation in writing letters. The problem is we are only a secondary user of these frequencies. AMA is working to petition us to become a primary user.

Mike Okraska stated that he received a response from the senator he wrote to. He said the point seemed to have been missed as he was told that with our present technology, we shouldn't be affected. But we know better; even PCMs will be affected.

Glider Contest: Wayne mentioned that he needs help for this event and hopes our youth membership will volunteer to be runners.

Bob Beaudette reported on the 2-day race in August. It is being promoted in other states and a big turnout is hoped for. Since the club picnic is part of this event, he asked what we will be doing for it. He also asked for help at this event. Bob Leiper said it would be discussed at the next executive meeting. The question arose whether it is a NEPRO race or not. A brief discussion ensued.

Finances: Dick Russell stated that he felt our finances should not be mentioned in the Newsletter. He feels it is a personal matter — publication of which is unnecessary.

Roy Meyer questioned why we haven't yet limited our field to narrow band radios only. He said he travels quite extensively within the U.S. and all the clubs he visits are narrow band. Wayne Galbraith mentioned that two years ago, we, as a club, voted to be all narrow band by 1993. He didn't know why this change was never enforced. Charlie Meserve said he likes our system as is — it works great — why change it.

Building Contest: May's meeting is the building contest. It will be organized about the same as the last two years. So bring your planes — perhaps this will be your winning year! It's always fun to see what members have been working on over the winter.

The meeting broke at 8:40 p.m. and restarted at 9:05 p.m. There were two new membership applications. We will vote on them at the May meeting.

RAFFLE WINNERS:

Youth Drawing: Jeffrey Herzberger

Regular Raffle:

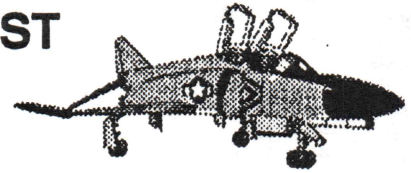
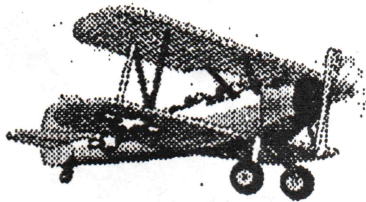
Carl Alleman	Steve Dombek	Jeff Laitenen (glider)	Fred Jezek	Bryan Laitenen
Steve Ferris	Glen Drake	Bob Boulais	Dave Brown	Ray Sutyla
Ed Lysaght	Bob Fregeau	Henry Proulx	Roger Dulude (2)	
George White	Jules Newman (2)	Chris Sutyla		

Nostalgia Contest Winners:

Noel Preston - Oldest Plane	Bob Fraser - Oldest Complete Engine
Ken Burke - Oldest Complete Radio	Noel Preston - Most Nostalgic (his plane won)

The meeting adjourned sometime around 9:30 p.m., but I forgot to look!! See ya next month!

NCRCC BUILDING CONTEST ENTRY FORM



Model Name : _____

Contest Model Number:

Entry Category : Check one box

NOVICE ☐ EXPERT ☐ MASTERS ☐

GENERAL RULES

1. Entry must be an R/C Model.
2. Entrant must be the builder of the model.
3. A member may enter either Novice or Expert class with his model, except previous first place Novice winners.
4. Once a member has placed twice in the Expert category, they then must enter future models in Masters only.

ENTRANT'S Remarks about aircraft on display :

JUDGING CATEGORIES & AWARDS

Novice Scale	- 1st, 2nd, & 3rd
Novice Sport	- 1st, 2nd, & 3rd
Expert	- 1st, 2nd, & 3rd
Masters	- 1st, 2nd, & 3rd

PROJECT TYPES :

Maximum of
10 points

Scratch built (10)
Wood Kit (7)
Balsa & Foam Kit (5)
Fiberglass Kit (3)
Plastic Kit (1)

Total _____

COMPLEXITY OF PROJECT:

Judges should look for:

Maximum of
25 points

Cockpit Detail
Number of Wings
Retracts
Flaps
Bomb Bays
Overall Detail
Total Complexity _____

CONSTRUCTION:

Maximum of 25 points

Alignment (0-5)
Warps (0-5)
Hinge Lines (0-5)
Filletts (0-5)
Sanding (0-5)

Total Construction _____

FINISH:

Maximum of 25
points

Complexity (0-5)
Texture of Finish (0-10)
(runs, orange peel, wood grain,
dust in finish, etc.)
Seams & Overlap (0-5)
Crooked Trim (0-5)

Total Finish _____

TOTAL SCORE:

Judge's Name: _____

Judge's Comments: _____

N.C.R.C.C. Schedule of Events

Date	Event	Coordinator/CD
5/13/93	Winter Building Contest	Coord - Al Thresher
5/16/93	Picnic/New Plane/Hickton	CD - Steve Teerlinck
5/30/93	Pylon Race, F-1 & Beginner	CD - Irv Thurrott
6/06/93	IMAA Fly-In	CD - Dick Russell
7/11/93	Pylon Race - Q500	CD - Irv Thurrott
7/24/93	Electric Fun Fly (Saturday)	CD - Ron Torrito
8/01/93	Glider Contest	CD - Wayne Galbraith
8/14/93	Pylon Race - Q500, Picnic	CD - Bob Beaudette
8/15/93	Pylon Race - Q500	CD - Bob Beaudette
8/29/93	Father's Day Scale Contest	CD - John Fraine
9/3-6/93	Rally of Giants	CD - Dick Russell
9/09/93	Donation Auction	Coord. - Don Snyder
10/10/93	Irv's Swerve's Contest	CD - Irv Thurrott
10/14/93	Worker's Auction	Coord.-K. Hayden, B. Boulais

HICKTON FUN-FLY May 16, 1993

The annual NCRCC Hickton Fun-Fly will be held on May 16, 1993 from 1:00 PM to 4:00 PM at the NCRCC flying field. This years Fun-Fly will be a Poker-Fly, each pilot will receive a playing card every time he or she flies for five minutes or more. Each pilot must complete five flights in order to collect a full Poker Hand. The pilot with the best Poker Hand (not necessarily the best Poker Face) will be rewarded with the Randy Hickton Memorial Trophy to cherish, guard, and dust for one year.

The Rules are:

1. Pilot must fly his or her plane for five minutes or more. Each flight will be timed to verify a total elapsed time of at least five minutes.
2. During the flight, the pilot may perform any maneuver he/she feels comfortable with, or just fly around. No prescribed maneuvers required during the flight.
3. A flight is considered, starting the engine (if plane is powered), taxing or carrying plane to runway, take off or hand launch, flying around, landing, taxing or carrying plane back to the pits, shutting the engine down. The plane must be brought back to the pits and shut down in order to complete a flight. Touch and Go's do not constitute a flight!
4. Student pilots are encouraged to participate in the Poker-Fly. Student pilots are allowed to have their instructors with them and help as much as necessary. In this case, both the student and the instructor will be given a playing card.
5. Once a pilot has completed five flights and has collected his/her five playing cards, that pilot is still encouraged to fly more, (if batteries permit). If more than five flights are completed the pilot has the option of keeping the hand he/she has or turning in a card for a new card with each additional flight.

Please Note: Five flight are usually more flights than are obtained by the average pilot for a given day. Pilots will be encouraged to keep their flights short to conserve their batteries, and to allow time for other pilots to fly. In other words do not fly for twenty minutes at a time and run the fuel tank dry.

Additional Prizes: A number of prizes will be given away. These prizes will range from an airplane kit to a gift certificate. Every pilot who completes five flights will be awarded a prize for participation. Envelopes will be passed out to the pilots and each envelope will contain the name of a prize item. The pilot will then be awarded that item for his/her participation.



Steve Teerlinck
Moulton Hill Road
Monson, MA 01037
(413) 267-9545

March 30, 1993

Federal Communications Commission
1919 M St. NW
Washington, D.C. 20554

Dear Sir or Madam:

I am writing to you concerning the proposed NPRM PR Docket 92-235. As I understand, the proposed NPRM PR Docket 92-235 would severely affect and limit the use of the 72 and 75 MHz band frequencies used by radio control modelers. This frequency band is used primarily for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

The proposed NPRM PR Docket 92-235 will create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to our radio control operations. I am told that of the 50 frequencies that the FCC allocated to radio control modelers, only 19 frequencies will be left if these new rules are adopted.

Being an avid radio control airplane enthusiast I would be severely affected if this proposal goes through. A number of my personal radio systems would be rendered useless at the cost of \$150 to \$200 a piece. Also, my activity with the remaining radios would be limited due to the foreseen over crowding of the remaining frequencies.

I began this hobby when I was a Freshman in high school. My interest in aviation began in this hobby and has lead me to pursue a career in aviation. After high school I attended college and graduated with a Bachelor of Science degree. Currently I am employed at United Technologies Research Center as an Aeronautical Engineer in the Main Subsonic Wind Tunnel Group.

You can see how my hobby has influenced my life and career choice. I believe radio control modeling is a clean, wholesome activity that inspires youngsters and generates sportsmanship, disciplined, technical, and creative thinking. By limiting the available frequencies and restricting the R/C environment so will the opportunities for youngsters be restricted.



**Steve Teerlinck personalized
his case to the FCC.**

Excellent job Steve!



Steve Teerlinck
Moulton Hill Road
Monson, MA 01037
(413) 267-9545

I have learned so much from this hobby and gain a great number of technical skills that I use everyday in my career. In my thirteen years in this hobby I have built or repaired 50 to 75 airplanes. I have learned how to solder, bend metal, drill & tap, carve wood, sand and finish, painting and airbrushing techniques, and learned to visualize and think in three dimensions from blueprints. I have gained an appreciation of craftsmanship and quality workmanship. Most of all, I learned the basics of aerodynamics and how airplanes fly from this hobby. How many fifteen year olds have these technical skills or even the interest to learn them without the motivation of a challenging radio control hobby? Today's youngsters will be reduced to T.V. watching Nintendo playing idiots if hobbies and activities which promote creativity and develop technical skills, such as radio control modeling, are limited by reducing access to radio frequencies.

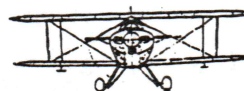
In this world economy, where America is competing with foreign technology, I believe it is important to encourage our youngsters to pursue technical careers such as engineers and scientists. If a youngsters hobby or pastime, such as radio control modeling, can inspire that youngster to pursue a college degree in a technical discipline, as it did me, then I believe that hobby is worth while and should be preserved so that other youngsters can enjoy it and gain the benefits and inspiration from it.

In closing, I ask that you find an alternative frequency band for the additional Land Mobile Communications network.

Thank you very much.

Sincerely,

Steve Teerlinck
Steve Teerlinck



Enfield
36 Clear St.
Bobbie Reid
CT 06082

Enfield
36 Clear St.
Bobbie Reid
CT 06082

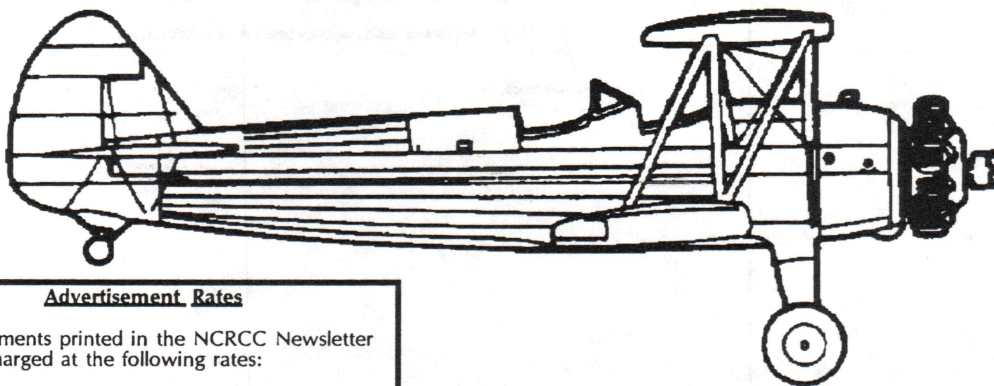
Editor:
In Thurott
21 Pine Knob Circle
South Windsor, CT 06074



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(Tabs, underlining, bold, etc.)
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Building Contest



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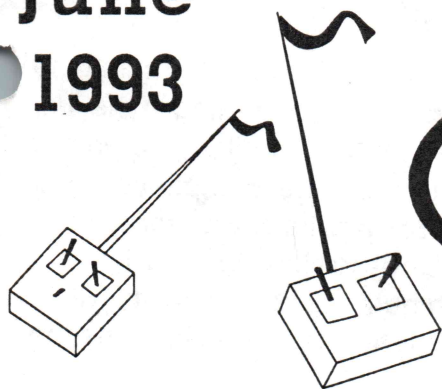
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- 1 - Pair large Horn Speakers
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Amplifier, Speakers, Microphone,
Cord, speaker Wires
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- 1 - Box Markers, Tapes, etc.
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- 1 - Box Wooden Award Plaques
- 1 - NCRCC Sign (for Phone Pole)

May Meeting
5/13/93
7:30 PM
Knights of Columbus
Windsor, CT
Activity:
Building Contest

June
1993



..... NORTHERN
..... CONNECTICUT
..... RADIO
..... CONTROL
..... CLUB

Presbits by Jess Thurrott

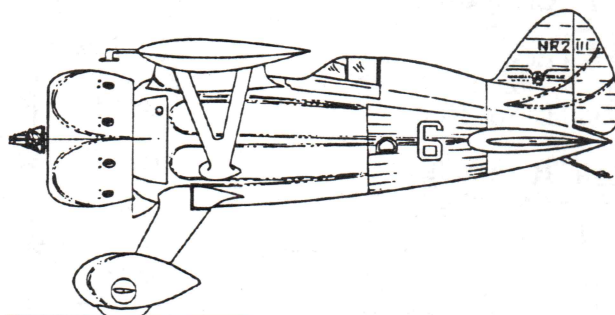
Thanks to all who participated in the Hickton fun-fly and the Formula One/FAI/Beginners Race. Even our typically reserved elders enjoyed the new Fun-fly format. Amidst blustering winds the racers also saw a good turnout. We were also happy to have John Ortolani join us at both events.

SAFETY - has to be the watchword for all club members and guests when using our field. We should practice safe flying habits even when only a few members are present. Any activity close to the pits can very quickly become a dangerous situation. This includes takeoffs, taxiing and flying over the pits. Please take the personal responsibility to avoid, and encourage others to avoid, these activities.

Participation is a key to the success of the rest of our upcoming events. The Electric Fly-in on July 17th will highlight some innovative new technologies and may well be the way our sport continues into the 21st century. We also seem to have a growing group of glider guiders who would appreciate your presence at the glider contest on August 1st as they display their thermal-hunting skills. An excellent and enjoyable way to earn points for the Worker's Auction on October 14th is to help out at any of the summer events.

See you at the field,

Jess



NCRCC MEETING AGENDA FOR 6/10/93

1. NEW MEMBER ACCEPTANCE
2. PRESIDENT'S REPORT
3. SECRETARY'S REPORT
4. VICE PRESIDENT'S REPORT
5. TREASURER'S REPORT
6. ACTIVITIES DIRECTOR'S REPORT
7. FIELD SUPERVISOR/SAFETY OFFICER'S REPORT
8. LIASON OFFICER'S REPORT
9. OLD BUSINESS
 - Field ownership update
 - Two day Race/Picnic
10. NEW BUSINESS
 - AMA Fund-raising
11. PROSPECTIVE MEMBER APPLICATIONS/INTRODUCTIONS (IF ANY)
12. MONTHLY RAFFLE
13. DOOR PRIZE
 - None Planned
14. ACTIVITY/ENTERTAINMENT

President: Jessica Thurrott, 203-289-1181
Vice President: Bob Leiper, 203-649-6690
Secretary: Bobbie Reid, 203-749-0816
Treasurer: Rudy Roggenkamp, 203-643-0877
Field Supervisor: Steve Teerlinck, 413-267-9545
Activities Director: Dick Russell, 203-633-8859

Newsletter Editor: Irv Thurrott, 203-644-9040
Flight Instructors:
Wayne Galbraith, 203-745-3291
Doug Bond, 203-627-9126
Tony Giovanetti, 203-749-3336

Ellington, CT May 30, 1993

Formula One/FAI

X	1	Dave Chapdelaine	1:20.43
S,1	2	Jerry Stephen	1:26.66
X	3	Stew McAfee	1:24.04
X	4	Ralph Rinaldi	1:21.00
X	5	Bill Glode	1:30.00
X	6	David Doyle	1:20.02
X	7	Craig Korsen	1:15.88
S,2	8	Lewis Schwab	1:30.12
X	9	Lloyd Burnham	1:23.67
X	10	Bob Wallace	1:23.54
X	11	Arnold Wile	1:29.00
S,3	12	Michael Luzzi	2:07.18C
X	13	Don McStay	-----

First-Timers Race

	1	Jeff Lynd	2:17.00
	2	Doug Laitinen	2:25.68
	3	Mike Stuart	3:23.05C

Formula One/FAI & First-timers Race May 30, 1993

Strong winds did not deter 13 stalwart Formula One racers and 3 "First-timers" from competing in the first NCRCC race of 1993. The most challenging part of this contest proved not to be the competition, but landing on the field. Even on a calm day, trying to coax those slippery Formula Ones to slow down in the right place is difficult, but with gusting, high-velocity winds coming directly across the field, you can imagine the impending carnage.

Don McStay started off the day by practicing his high-speed landing approach coming off of pylon one.... wing on one end of the field, fuse on the other. Arnold Wile managed to catch a wingtip on the power wires on his landing approach and ended up with a seriously disjointed nose section.

Many found themselves thankful that the grass was long in the upper field as they mushed in after flying past the field. Others were thankful for the road as it made it easier to reach those "short field" approaches.

All-in-all, however, the contestants had a good time. Workers received free food for their efforts which were completed by 2:30PM.

Many thanks to the members listed below who donated their Sunday to this activity.

Race - May 30, 1993

Irv Thurrott, CD
Wayne Galbraith, Asst. CD

Expenses

Frames (4 @ \$2)	11.96
Film	2.00
Trophies	30.00
Kit	49.95
Plugs & Props	24.00
Food - Truck	30.00
Soda - on course	8.00

Total - 155.91

Income

13 F-1 (@ \$15)	195.00	
3 Beginner (@ \$5)	15.00	
***1 Gal. Fuel	-8.00	(owed to NCRCC)

Total - 202.00

Due NCRCC -	54.09	(\$210.00 - 155.91)
Actual Profit -	46.09	(\$202.00 - 155.91)

Workers

Bob Boulais
Dave Brown
Bob Leiper
Wayne Galbraith
Jeff Laitinen
Bryan Laitinen
Scott Ballou
Rey Lavallee
Jessica Thurrott
Dick Russell
Irv Thurrott
Whitney Thurrott

NCRCC MONTHLY MEETING

MAY 13, 1993

The meeting was called to order by the President, Jessica Thurrott, at 7:40 p.m. on May 13, 1993.

The Secretary, Bobbie Reid, reported that the club's charter and insurance had been received from AMA. Also, flight instruction manuals are available to all new club members at the meetings. Membership cards will be put out each month at the meetings and those who haven't received theirs may pick them up.

The April minutes as recorded in the Newsletter were accepted and seconded.

The Vice President, Bob Leiper, announced that the new wind sock at the field was donated by Ken Burke.

Rudy Roggenkamp, Treasurer, gave a monthly status of the club funds. The report was approved.

ACTIVITIES:

Dick Russell, the Activities Director reminded members that the Hickton Fun Fly was Sunday, May 16. Steve Teerlinck, Contest Director, related that the event was for beginners as well as experienced flyers. It would be a Poker Contest, where each 5-minute flight earns the participant a playing card. When the contest is complete, everyone should have flown 5 flights and have 5 cards. Best hand wins the contest.

At noon, on May 16th, the club will have a picnic. Hamburgers and hot dogs will be served and members are asked to bring a "pot luck" dish.

The Contest Director for the glider contest, Wayne Galbraith, reminded the club the contest is scheduled for August 1. He related that plans are shaping up real well. He will be mailing out flyers on the contest and we will be reminded through the Newsletter.

Irv Thurrott said that on May 30, there would be a Formula 1 race as well as a 1 st flyers race. He needs help. Any volunteers please call him, he guarantees it will be worth your while!

Dick Russell gave a report on the IMAA Contest. It is an invitational fly-in event .

Renee Torrito related that on July 24th, there will be an electric event. Many flyers are coming from the Long Island and Salem clubs. It should be interesting and educational for those who are not knowledgeable about the latest in electric flying.

Bob Beaudette reported on the two day race he is organizing. He emphasized the event is 1 race over two days. There will be a picnic after the races (steak!!!) and the entry fee will be raised to include some funds for the food. Workers and club members will be invited. Please let Bob Beaudette know is you plan to attend the picnic so he can order the food.

The sanction for the scale contest on August 29th has been applied for.

The IMAA Rally is not a club event. It is a national event. Help is needed — if you are interested, please call Dick Russell. There are definite advantages and privileges available for helping out.

A REMINDER — PLEASE BE SURE YOUR RADIOS HAVE YOUR NAME ON THEM IN CASE YOU LEAVE THEM AT THE FIELD. A RADIO WAS FOUND LAST WEEK AND WE WERE ABLE TO RETURN IT TO IT'S OWNER.

FIELD:

Steve Teerlinck reported that field day went very well. The road has been graded and is accessible. The lower part of the road is to be closed indefinitely (Green Rd. Extension). Best alternate route to the field is to turn on Muddy Brook Rd. to Green Road and then onto the field.

The lock was changed on the gate — you may get the new combination by calling Steve Teerlinck.

Ed Lysaght installed a new gate at the field. A herd of elephants couldn't knock it down!! (This is NOT A CHALLENGE!!) Ed was given a round of applause for the great job he did on the gate.

Steve Teerlinck has put a lot of time and work into keeping the field in shape this year. He received our genuine thanks for the great job.

LIAISON:

Wayne Galbraith announced he would raffle off 2 prizes this month. It was kept small because of the building contest.

Wayne also related that next month he would not be able to attend the meeting. He asked for a volunteer to handle the raffle. If no one volunteers, there will be no raffle.

OLD BUSINESS:

The fuel is in — if you ordered some, Steve Teerlinck is your contact.

The Building Contest is in the process of being judged. The winners will be announced after the break.

Solo Certificates were presented to Ron Larson and Fred Love. Congratulations, flyers!!

Frequency Controls: The Executive Committee decided to redeploy the previous committee on frequencies. So much has changed since the last decision that a review was felt necessary to determine how we should handle frequency control at our field.

Wayne Galbraith said that some flyers have been having trouble at the field with their frequencies. If anyone has had trouble, please let Wayne know so we can keep track of what channels are involved and try to find out why this is happening. Both new and old frequencies have been involved in this problem.

The meeting broke at 7:15 p.m. and restarted at 8:45 p.m.

Other Contests and Meets:

- Hadley Fly-in — June 6
- Salem Non-Contest — June 12 & 13
(Call Bobbie Reid for details)

RAFFLE: Wayne Galbraith

(I don't know the second winners as he didn't tell me his name)

NEW MEMBERS:

Garry Hills and Jim Welch were voted into the club. We want to welcome them and help them in any way we can. Welcome!!!

BUILDING CONTEST WINNERS:

Novice Scale:

1st Jim Wysocki
2nd Steve Dombek
3rd Karol Dombek

Novice Sport:

1st Rey Lavalee
2nd Steve Teerlinck
3rd Steve Teerlinck

Expert:

1st Bill Demars
2nd Doug Bond
3rd Ken Burke

Master:

1st Walt Wosko Jr.
2nd Bob Boulais

Participation at this contest was real good. All of the planes were well done and there were some very interesting entries. Thanks to all of you who participated. That is what makes this club such a good one.

The meeting closed at 9:20 p.m.

Bobbie

NCRCC Hickton Fun-Fly Results

The annual NCRCC Hickton Fun-Fly turned out to be quite a success, by all accounts. The weather held off and even cleared up for the event. Most spectators, participants, and contestants went home with a sun tan or a little sun burn. We had quite a turn out for this event as well as the picnic which took place just prior to the fun-fly. We had 19 participants for the fun-fly, which is over 100% improvement over last years 9 fun-fly contestants. Out of the 19 participants 12 were successful in completing five flights and acquiring a poker hand by the end of the day. Al Thresher was the winner of the poker hand with three of a kind, it only took him seven flights to acquire it. Al was awarded the Randy Hickton Memorial Trophy to cherish, guard, and dust for one year. The twelve pilots that logged in five or more flights for the day drew for prizes from the grab bag. Wayne Galbraith won the Dynaflyt Fun-Scale 40 Mustang kit. Other prizes awarded included a roll of Monkote, bottle of ZAP CA, Du-Bro hardware, and gift certificates to Davis Hobbies.

All in all, I felt this was a very successful day, we got a lot of members out to the field to fly together and have fun, which was the whole objective of the Fun-Fly. Personally I have never seen so many airplanes in the air at once all day long. Many thanks go to the people who helped to make this event happen. Jessica Thurrott, Bill Reid, and everyone else who helped with the timing and air traffic control. But most of all, we all owe Bob Kaminski a debt of gratitude for trailering his riding lawn mower to the field the day before and mowing the runway, taxi way, pit area, and parking lot. With out his help we all would have had difficulty with take offs and landings. Thanks Bob!

Thanks to all the participants who made this event happen. I hope you all enjoyed yourselves and are looking forward to next year. Until then Fly and have Fun.

Steve

Date	Event	Coordinator/CD
6/06/93	IMAA Fly-In	CD - Dick Russell
7/11/93	Pylon Race - Q500	CD - Irv Thurrott
7/24/93	Electric Fun Fly (Saturday)	CD - Ron Torrito
8/01/93	Glider Contest	CD - Wayne Galbraith
8/14/93	Pylon Race - Q500, Picnic	CD - Bob Beaudette
8/15/93	Pylon Race - Q500	CD - Bob Beaudette
8/29/93	Father's Day Scale Contest	CD - John Fraine
9/3-6/93	Rally of Giants	CD - Dick Russell
9/09/93	Donation Auction	Coord. - Don Snyder
10/10/93	Irv's Swerve's Contest	CD - Irv Thurrott
10/14/93	Worker's Auction	Coord. -K. Hayden, B. Boulais

Props, People & Pain

by Gordon Gibby

Every year we see graphic pictures in modeling magazines of people whose carpal and metacarpal joints have attempted to share time and space with a spinning propeller. I thought a little review of the medical implications might be indicated. One horsepower (which a reasonable 40 can produce) is 750 watts of power. That's about three times what my 3/8" electric drill produces. So even a .10 or .15 size engine can do impressive damage! I don't do the surgery to replace appendages or repair neural or vascular damage. I provide anesthesia for the captive soul who requests our attempts. But maybe that gives me a little more global picture. If you amputate one of your fingers, retrieve your body parts after stanching the blood which flows from dual arteries on each side of the finger (continuous direct pressure works fine). Keep your separated finger cool (don't freeze it!) and clean but don't injure it by working on it! Leave that to the surgeon. Then get to a big hospital fast, where you hope a surgeon will attend to you quickly. You hope to save the functioning of skin, muscle, bone and nerves and blood vessels. Nerves are perhaps the most delicate, but clots and damage to the blood vessels may spell the ultimate doom of the multi-hour project you've signed up for. Even if you didn't complete the amputation, you may have severed tendons, muscles, or blood vessels. Head for the hospital! Often we will choose to inject a local anesthetic under the armpit into a neural bundle which feeds your hand, in an attempt to increase circulation to the replanted tissue. If multiple fingers are involved, this might be a multi-hour job, so we may offer general anesthesia in addition (those OR beds are hard to lay on for hours). To increase your safety for general anesthesia, please do not stop at McDonald's on the way to the hospital! I'm not an expert on the long term functioning you may obtain, but any feeling at all is very helpful to you in not inadvertently damaging the finger in the future. All too often, however, blood supply fails within a few days of reimplantation and we see the patients come back to our ORs for more expensive amputations. Don't let it happen to you. My child will still be able to go to college even if I don't get to bill you!

1. Always use a chicken stick, never your fingers -even on a .049!
2. Make certain the aircraft is properly restrained.
3. Avoid being in the propeller arc should your prop become shrapnel.
4. Consider using an electric starter to get your hands even further away from the prop.
5. Be extraordinarily cautious about wires, pens, children, bystanders, or animals that might get entangled with your prop!

N.C.R.C.C. Schedule of Events

Northern Connecticut Radio Control Club Summer Sailplane Contest August 1, 1993

Time and Place:

Time: Registration 8:30
Pilots Meeting 9:30
Location: Green Road, Ellington
(off Route 140)

Events:

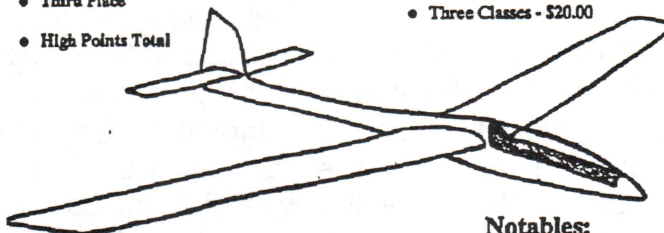
- 442 Two Meter (B)
- 443 Standard (C)
- 444 Unlimited (D)
- Timed Duration with Spot Landing Bonus

Awards:

- First Place
- Second Place
- Third Place
- High Points Total

Entry Fees:

- One Class - \$8.00
- Two Classes - \$15.00
- Three Classes - \$20.00



Notables:

- Lunch Wagon on Site
- Winch and Retriever on Site
- Gold Stickered Radios required

For Further Info:

Contact: Wayne Galbraith
Evenings - (203) 745-3291

AMA Sanction # 31570

Epoxy Hazard

by John Benson

The Health and Safety Division of the 3-M company warns that hazardous iso-cyanate vapors are formed when epoxy paint is mixed with its catalyst and can cause severe respiratory damage. The injurious vapors are absorbed through the respiratory system and may cause a build up to the point of sensitization which can produce an allergic reaction. There is no antidote for this condition and modelers are warned to use appropriate ventilation and a special paint mask manufactured by the 3-M company.

The #6986 mask can be purchased from an automotive paint supplier or #8709 from a safety products outlet. They are identical masks and have special impregnated chemicals that neutralize the harmful iso-cyanate vapors.

The masks should be kept in a zip lock bag and stored in a sealed coffee can when not in use to retain the protective chemicals from evaporation.

The cost of the masks range from \$8 to \$12, which is cheap considering the alternatives. The use of epoxy paint for the finishing of model airplanes is very popular since it is extremely durable, fuel proof, has high gloss, fast tack and is relatively easy to use. The major disadvantages of using epoxy are that it is heavy and can increase the finished weight of a model aircraft in addition to being injurious to your health.

from Flare Out John Benson, Editor
Twin Cities Radio Controllers Minneapolis, MN

Humidity

From ***Flightplan, Flightmasters Model Airplane Club of Fort Smith, AR*** comes this handy tip. Nylon props get brittle if they are not kept "wet". This means that they have to be kept in high humidity or at least soaked in water frequently. Try putting all your props in a sealed zip-lock bag with a paper towel soaked in water. This keeps the humidity at 100% and the props wet and strong.

Vinyl Trim

The next time you trim an aircraft, try using 2-mil vinyl that can be found at the sign makers in all kinds of colors, including neons. You might be able to find one that will give you the scrap from their sign contracts or sell it to you at a reasonable price. Be careful however, because if you have to buy it off the roll, it can get expensive. To apply the stuff, mix up 2 cups of water, a tablespoon of liquid dish-washer detergent and a tablespoon of denatured alcohol. Cut the trim, peel the backing off, dip it into the solution and "float" the vinyl in place. You'll have plenty of time to position it. After it's in place, blot it with a lint-free cloth and squeeze out the excess fluid using a scrap piece of balsa sheeting. Let it dry or put your heat gun to it (not too close). End result is no bubbles! I've tried the vinyl over Coverite and Monokote with the same results. The stuff I'm using seems unaffected by glow-fuel. I tested it by sloshing 15% nitro over some samples last November and there is still no sign of it coming up. Be careful however, because not all products may have the same adhesive backing. Test it first.

from Midwest RC Society Monitor Ken Myers, Editor
1911 Bradshaw Ct. Walled Lake, MI 48390

K & B Superpoxy Tips

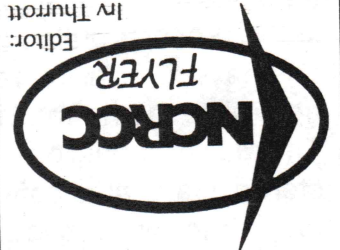
I have learned the hard way that to do an adequate job with K&B Superpoxy paint that you need to follow some simple but important rules. First, the paint is only as good as the underlying surface. When you think it is smooth, give it another sanding. Be sure to use equal amounts of Part A and B. If you have too much of one or the other, you can affect the overall quality of the paint job. Thin the paint sparingly for spraying. Now to the secret: You need to first spray a mist coat, wait 10 minutes and then go for the "wet" coat. If you omit the mist coat, the paint will run and you have ruined the paint job. I try to do one side at a time so I can keep the surface being sprayed horizontal. If there is a second color, I wait until the next day to mask and paint this color. When I mask, I use electricians tape which is much better than masking tape. It makes a much sharper line and the paint is less likely to bleed under it.

from Racine R/C Flyer John Haumersen, Editor
8811 Foley Road Racine, WI 53402

WILLIAM REID
36 CLEAR ST.
ENFIELD, CT 06082

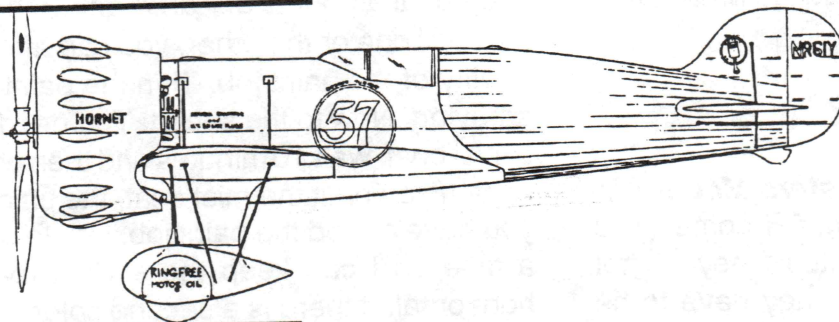


Editor:
In Thurott
21 Pine Knob Circle
South Windsor, CT 06074



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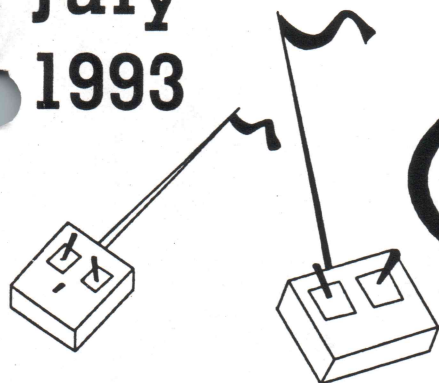
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June Meeting
6/10/93
7:30 PM
Knights of Columbus
Windsor, CT

July
1993



..... NORTHERN
..... CONNECTICUT
..... RADIO
..... CONTROL
..... CLUB

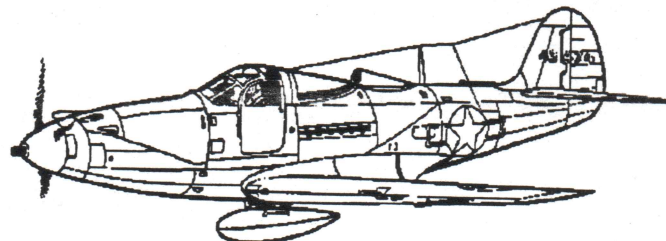
Presbits by Jess Thurrott

Greetings! It's been great seeing all of you at the field lately...no wait a minute... I haven't even been to the field lately. Life after college was not suppose to be this busy! I now understand how difficult it is for many people find time to donate to the club. However...

There are many opportunities for members to prove their loyalty to this great organization in the upcoming months. CD's would greatly appreciate your support (working or attending) at the July Race, Electric Fun Fly, and Glider Contest. Of course, the 2-Day Race in August needs a good crew of workers, as well. As I mentioned in earlier "bits," participation in these types of events not only strengthens our club, but also allows you to spend time with people with whom you have a lot in common. Also, the better our workers, the better our events, the bigger they grow, the more money we make, the more stuff we can do in the future!! - 'Nuff said.

For awhile now, I have been thinking about the possibility of doing some type of contest for charity. Many clubs across the country have tried this with much success, and the idea lends itself to a lot of creativity. For example, a race I attended in Japan consisted of ARF-type old-style racers, such as Dago Reds and Corsairs (the only difficulty was when two Dago's flew-off for first place - a workers' nightmare). We could also consider some type of model air show - at an alternative site - and/or work in a consortium with other clubs in the area to make it happen. Anyway, if anyone has any suggestions for this type of event, please let me know. I'd like to formulate it in the upcoming year or two. Food for thought.

See you at the field, Jess



NCRCC MEETING AGENDA FOR 7/8/93

1. NEW MEMBER ACCEPTANCE
2. PRESIDENT'S REPORT
3. SECRETARY'S REPORT
4. VICE PRESIDENT'S REPORT
5. TREASURER'S REPORT
6. ACTIVITIES DIRECTOR'S REPORT
7. FIELD SUPERVISOR/SAFETY OFFICER'S REPORT
8. LIASON OFFICER'S REPORT
9. OLD BUSINESS
 - Frequency Committee
 - One day Race - 11th
 - Two day Race/Picnic
10. NEW BUSINESS
 - as raised by members
11. PROSPECTIVE MEMBER APPLICATIONS/INTRODUCTIONS (IF ANY)
12. MONTHLY RAFFLE
13. DOOR PRIZE
 - None Planned
14. ACTIVITY/ENTERTAINMENT

President: Jessica Thurrott, 203-289-1181
Vice President: Bob Leiper, 203-649-6690
Secretary: Bobbie Reid, 203-749-0816
Treasurer: Rudy Roggenkamp, 203-643-0877
Field Supervisor: Steve Teerlinck, 413-267-9545
Activities Director: Dick Russell, 203-633-8859.

Newsletter Editor: Irv Thurrott, 203-644-9040

Flight Instructors:

Wayne Galbraith, 203-745-3291
 Tony Giovanetti, 203-749-3336
 Ed Lysaght, 413-739-8029
 Mike Okraska, 203-749-3320

Ed Post, 203-741-0253
 Don Salerno(SR.), 203-749-9111
 Irv Thurrott, 203-644-9040

JOIN

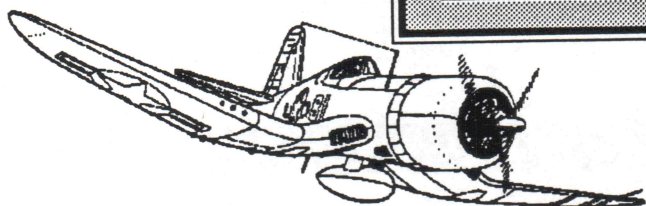
THE

FUN!

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Date	Event	Coordinator/CD
7/11/93	Pylon Race - Q500	CD - Irv Thurrott
7/24/93	Electric Fun Fly (Saturday)	CD - Ron Torrito
8/01/93	Glider Contest	CD - Wayne Galbraith
8/14/93	Pylon Race - Q500, Picnic	CD - Bob Beaudette
8/15/93	Pylon Race - Q500	CD - Bob Beaudette
8/29/93	Father's Day Scale Contest	CD - John Fraine
9/3-6/93	Rally of Giants	CD - Dick Russell
9/09/93	Donation Auction	Coord. - Don Snyder
10/10/93	Irv's Swerve's Contest	CD - Irv Thurrott
10/14/93	Worker's Auction	Coord.-K. Hayden, B. Boulais



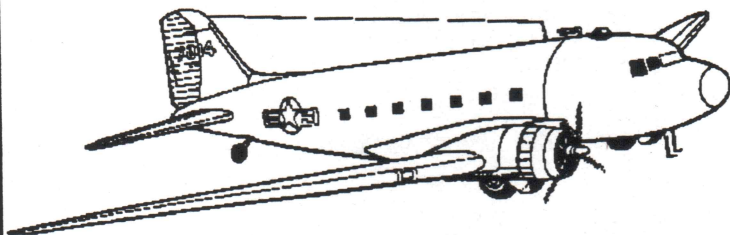
IMAA Rally of Giants

September 3-6, 1993

Barnes Airport

Westfield, Massachusetts

Contact: Dick Russell
203-633-8859



Electric Fun Fly

Saturday, July 24, 1993

GREAT PRIZES!! LATEST TECHNOLOGY!!

Contact : Ron Torrito. 203-528-2227

Northern Connecticut Radio Control Club

Summer Sailplane Contest

August 1, 1993

Time and Place:

Time: Registration 8:30
Pilots Meeting 9:30
Location: Green Road, Ellington
(off Route 140)

Awards:

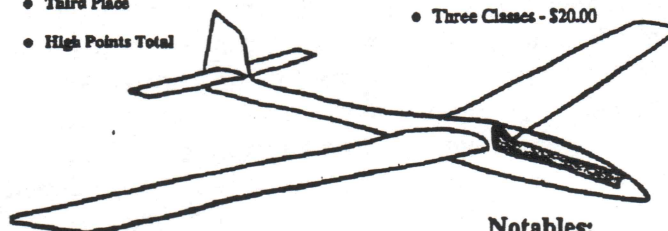
- First Place
- Second Place
- Third Place
- High Points Total

Events:

- 442 Two Meter (B)
- 443 Standard (C)
- 444 Unlimited (D)
- Timed Duration with Spot Landing Bonus

Entry Fees:

- One Class - \$8.00
- Two Classes - \$15.00
- Three Classes - \$20.00



Notables:

- Lunch Wagon on Site
- Winch and Retriever on Site
- Gold Stickered Radios required

For Further Info:

Contact: Wayne Galbraith
Evenings - (203) 745-3291

AMA Sanction #. 31570

NCRCC QUICKEE 500 EXTRAVAGANZA

Sunday, July 11, 1993
NEPRO Q-500, Standard and Expert

AWARDS THRU 5TH PLACE

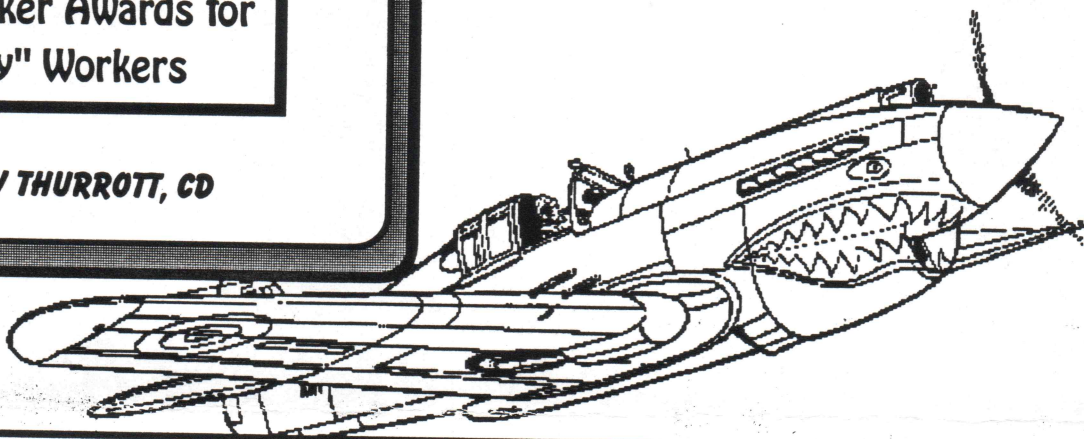
Special Worker Awards for
"Full Day" Workers

CONTACT IRV THURROTT, CD

**Please contact the CDs
if you can work:**

11th - Irv Thurrott,
203-644-9040

14/15 - Bob Beaudette,
203-749-9742



NCRCC Two-Day Race

SATURDAY AND SUNDAY, AUGUST 14TH AND 15TH

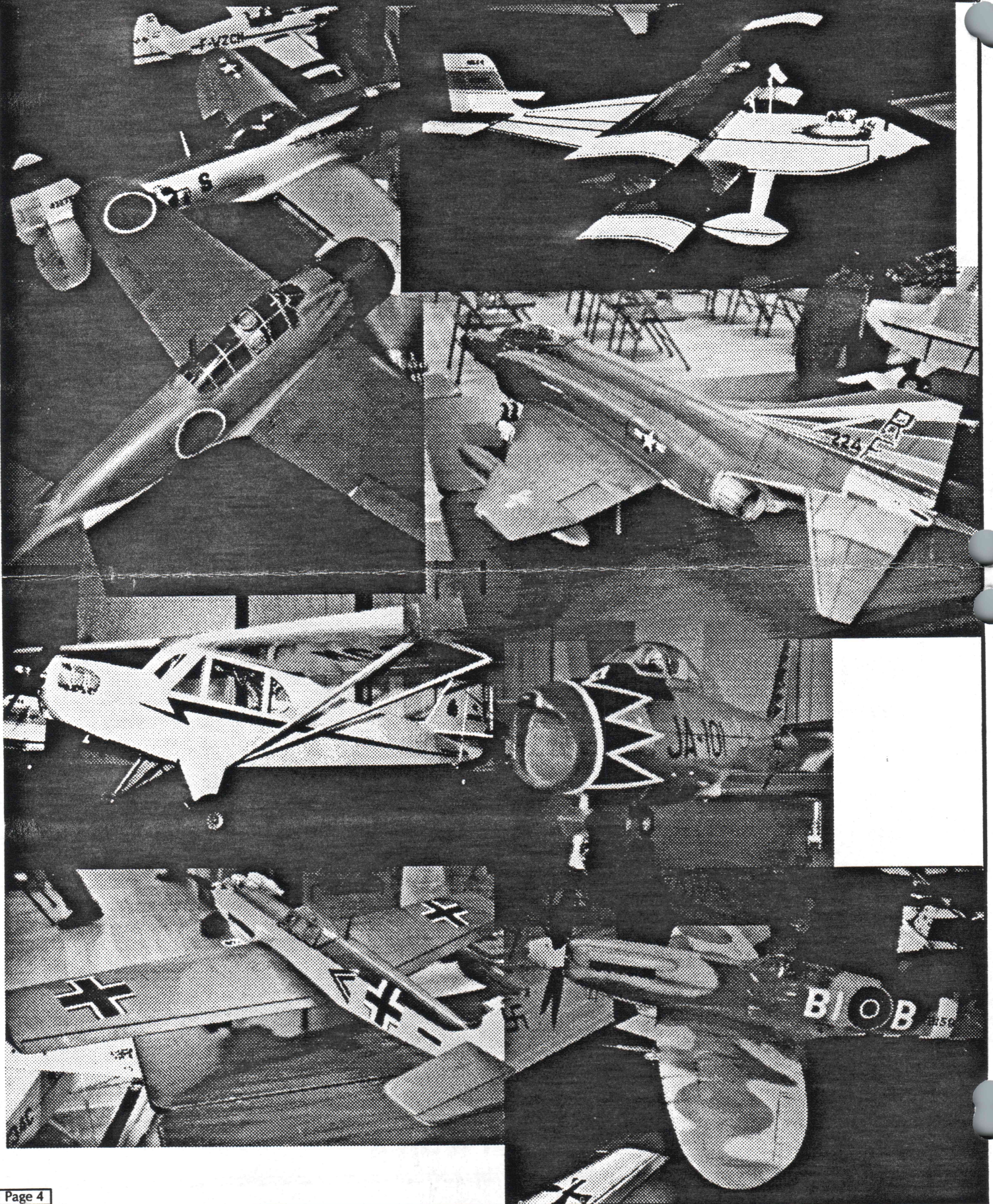
ALL NCRCC members are invited to this Gala Event
(Steak Picnic, Non-alcoholic beverages provided)

Both NEPRO and AMA Quikkee 500 will be flown
Entry fee for pilots for both days \$35

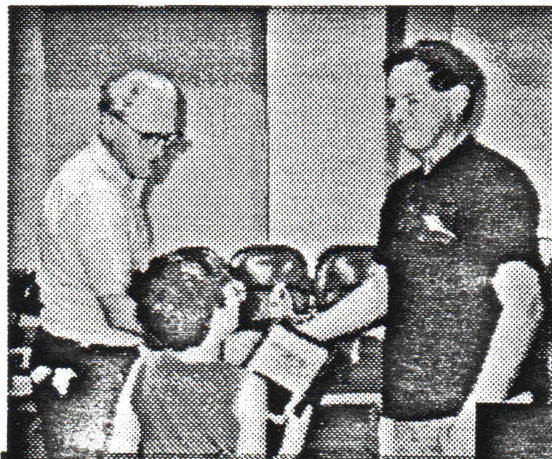
Club support will be appreciated and rewarded

- ☐ **Need workers for both days**
- ☐ **Worker Raffle**

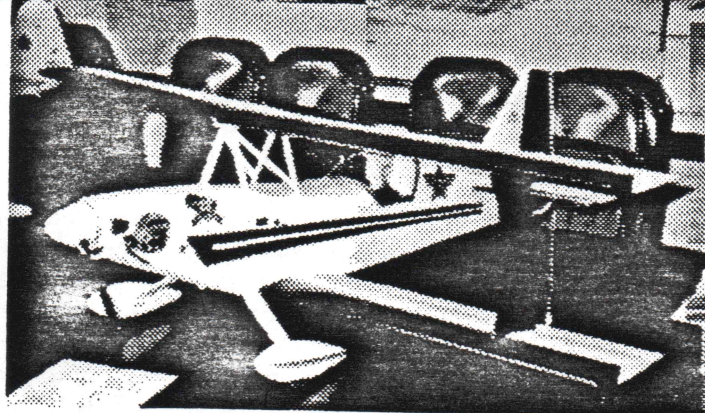
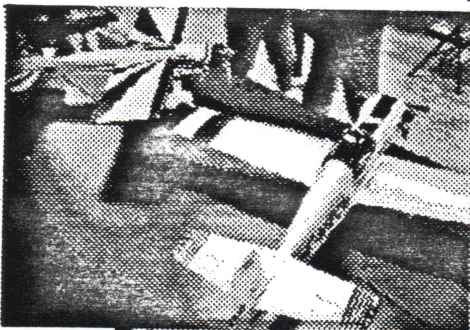
BUILDING CONTEST - 1993



Best Ever!!!



**Craftsmanship
Plus**



Addendum to Field Supervisors Report by Steve Teerlinck

During our last meeting I forgot to report on quite a few things. I would just like to take this opportunity to mention the forgotten items and events of the past month.

First and foremost I ordered one Port-A-Toilet for the field. It was delivered on or about May 1, 1993. I am planning on holding off on ordering a second Port-A-Toilet until July. We will have a second toilet for July and August, the busiest time at the field, then revert back to a single toilet for September. While we are on the subject of toilets, one of the wooden out houses had been tipped over this past winter. On Field Day we contemplated putting it back up, but the pit was nearly filled in and the wooden foundation was rotted. We decided not to up right it, instead we filled in the pit and tried to bust it up for fire wood for the winter fliers. Nick Lavieri sacrificed his ax in an attempt to bust up the old out house. We never did get the old out house disassembled, so if any one wants to bring a sledge hammer and some pent up frustration to the field to take it out on the old out house, knock yourself out!

As I did mention at the meeting, field day went very well. Thanks to everyone who volunteered to help out and get our field ready for the flying season. We had quite a good turn out. We put up a new wind sock (twice), raked the pit area, mowed around the poles along the pit area. Bob Kaminski brought his riding lawn mower and mowed the entire pit area. Thanks to everyone for all the help.

I also forgot to report that the field was rolled. Kemit & Son Construction was hired to roll the field. They showed up on field day and spent nearly 4 to 4 1/2 hours rolling our field. The reels for the gang mowers were brought to Real Sharp Inc. in Windsor Locks for sharpening on 4/20/93. I am planning on having them picked up on May 17, not quite in time for the Fun-Fly. We owe our thanks to Charlie Meserve and John Gwozdz for taking the reels down themselves. Thanks Guys!

One of the wheels on the gang mower frame was in need of repair. The bushings were shot and all the spokes were broken off at the hub. Again, Charlie Meserve unselfishly came to the rescue. He took the wheel off and welded all the spokes and is planning on turning a new bushing. Thanks Charlie!

Of course, last but not most important, Thanks to Ed Lysaght and his crew for installing an Idiot proof gate. We really appreciate the effort you went through to install the gate, from drilling the post holes, to mixing and pouring the cement, and muscling that heavy gate into position. Thank you for all your effort.

MINUTES FOR NCRCC MONTHLY MEETING OF JUNE 10, 1993

by Bobbie Reid, Secretary

The meeting was called to order at 7:40 p.m.

New member acceptance was the first item on the agenda, but since no members showed up immediately, it was postponed until later in the meeting.

Jess reported on an AMA fund raising perspective she had received in the mail. AMA is requesting donations to help build a national flying site in Indiana. With the donations come several benefits. If \$100 is contributed, a special invitation to the museum events is received. Also, an engraved plaque in the museum and a magazine subscription would be received. The donator would also receive a museum membership card.

A motion was made and seconded to accept the May minutes.

The treasurer's report was distributed to those members who wanted them. It was accepted and seconded.

Dick Russell reported on the IMAA scale contest held at our field. He felt we had a good showing and a good time.

Steve Teerlinck summarized the Hickton Fun Fly as being successful and very enjoyable. It created a lot of flying and he is thinking of a similar fun fly for next year.

Ron Territo displayed the prizes he had purchased and had donated for the Electric Contest on July 24. There is about \$650 worth of prizes. He requested 5 workers to help at this contest — 4 for timers and one for frequency patrol. Ron thanked the club for the money the club budgeted for this event.

New members were voted into the club: Joseph Carlo
Peter Scavetta

Gretory D'Otreppe Etienne D'Otreppe
Welcome to NCRCC!!!

Bob Beaudette reported on the 2-day race and club picnic. There will be steaks, hamburgers and hot dogs, salads and rolls. He asked the club members to please bring a salad of some kind. Also desserts are needed. Corn on the cob is being donated. There will be no beer — if you want it — bring your own. It is only for after the races. Bob is looking for a picnic committee to handle the soda, ice, charcoal and a few other odds and ends such as water jugs. Doug Bond volunteered for the Ice Man position. Bob also asked if anyone could obtain a large barrel and cut it length ways to make grills. His idea is with the large grills those attending the picnic could cook their own steaks. They would be able to cook it the way they like it and no one would be "stuck" with the job. Volunteers came forward and the picnic's well on its way. **IF YOU PLAN TO ATTEND, PLEASE CALL BOB!!** He must have

Page 6 a pretty good idea of how much steak to purchase.

Jess explained very vehemently how the monies are spent at the picnic. The contestant's fee pays for the prizes plus \$2 per contestant goes to NEPRO for the cages (upkeep and moving), electrical systems and gas for towing all year. We, in essence, rent the equipment from NEPRO. In the past the club (NCRCC) has budgeted for the picnic, which reduced our profit from the race. This year our club is only subsidizing the Picnic and each race contestant is paying \$2 towards it.

REMINDER: There is a Quicky race coming up July 11.

Steve Teerlinck reported the club is in great shape thanks to Ron and others. The porta potty is at the field; there will be two of them from July to September. The dumpster has been emptied once already.

We were asked by Steve to be more careful of the field lock. It is being left around and could get taken or lost. If you open the field, put the chain and lock back on the open gate and close the lock.

FIELD SAFETY AND COMMUNICATION:

We MUST have continuous communication when flying. If you are going to the runway to take off, please let those already there know what you are doing and where you are. Talk to them. Most of us can fly and communicate at the same time!!! Tell others when you are taking off or landing or coming in dead stick. The simple act of communicating will improve safety at the field many times over.

OLD BUSINESS:

In the past, usually in the spring I think, there has been a person coming to the field telling us he was the owner of the field. We discussed these incidents at meetings but felt until we were formally notified by Harry Friedman (to whom we presently pay rent) of change of ownership, we would continue as always.

This year when told that Fred Friedman was the owner, Jess researched it. She went to the town hall and saw the title and the map of the land and it was owned by Sam's father Fred. Sam, apparently has power of attorney as his father is ill. The deed was turned over to Fred, in 1985 by a quit claim. Jess has had telephone conversations with Sam and has discussed with him the rental of our field. She felt we are okay and will be able to keep the field and maintain a good relationship with the proper owner. He said he was impressed at how well we keep the field up. The only thing we need to do is to make copies of the checks made out to Harry over the years for rental. Also, we will change the field insurance to the proper name as soon as we find out whose name to put it in.

Bob Beaudette suggested we look into buying the land. Someone else asked if we should be looking for an alternate flying site. Of course, the response was that we should always be looking for alternate sites. So — not to worry — everything is under control at this time.

FIELD SAFETY:

Jess reminded the membership that when flying at NCRCC we must keep members' children from running to the runway or all over the field. It is important to keep our young children with us at all times. If they do not belong at the runway, for safety sake, keep them away.

Irv suggested we give Tony Giovanetti a hand for the excellent repair table he built. (Of course, he received the well deserved round of applause.)

Ed More thanked the club for the get well card he received. He reported that the Young Eagles Flight Program would be meeting the following Saturday and that there were still some slots open. In July the program flights will be in float planes off of Congamond Lake. They will meet the second Saturday of each month through the year. Approximately 60-70 youth have gone through the program. Glad you're feeling better, Ed!

Dick Russell wants NCRCC members to start thinking about the February auction. He would like past committee members to rejoin as well as new members who should be able to offer fresh ideas. Any with suggestions of new locations, please contact Dick. We seem to be outgrowing the Armory. Keep in mind that a new location should be within easy access of Route 91.

Renee Torrito suggested the auction be a two-day event. Dick acknowledged the idea and agreed to look into it. The only problem was the time that would be involved for two days instead of the one we presently have. It might be difficult to get all the help we need for it.

The meeting broke at 8:40 p.m. Coffee was delicious!!!

Gil Berg asked if anyone had lost a plane. It has a yellow wing and black fuselage. Somehow it ended up in Tolland and there is no name or number on it. Contact Gil if you know who owns this plane.

Prospective new members were introduced to be voted into the club at the July meeting.

They are: Guy Beaudoin, Jr. Otis Cheverier Frank Rys Micahel Fancella

RAFFLE WINNERS:

Ron Torrito	Ed Messikian	Bill Reid	Chris Sutyla	Joe Carlo	John Gwozdz	Jeff Herzberger
Paul Strawmyre	Ed More	Bob Boulais	Bob Beaudette	Ray Sutyla	Tony Giovanetti	Fred Jezek

Nick explained how our book and video library works. There have been many things added this year. Members can sign out for books or videos for the month.

The meeting adjourned at 9:25 P.M.

CT 06082

William Reid
36 Clear St.
Enfield



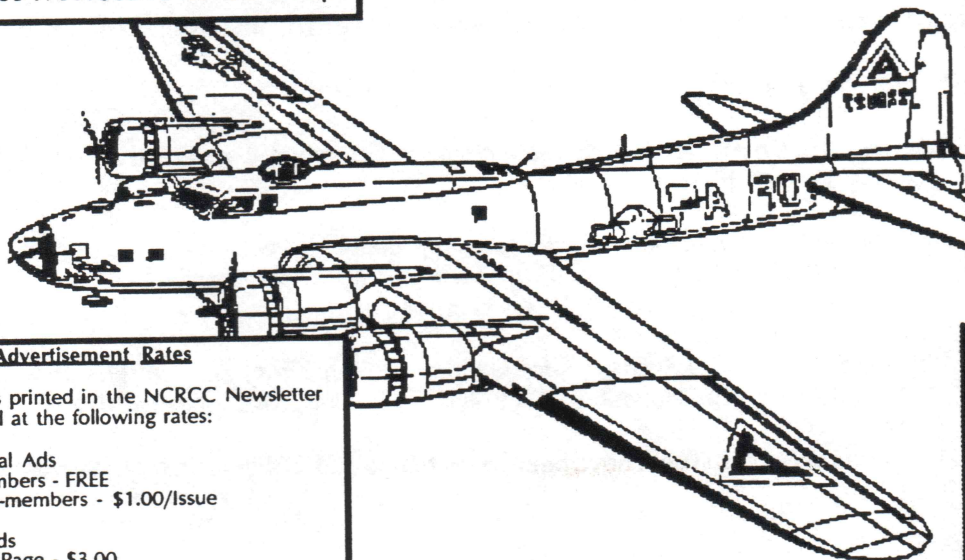
Editor:
In Thurott
21 Pine Knob Circle
South Windsor, CT 06074



FAXing Newsletter Items to the Editor:

- 1) Type should be at least 12 point.
- 2) Don't worry too much about format.
(Tabs, underlining, bold, etc.)
- 3) Set your FAX machine to "Fine".
- 4) Call first so FAX receive can be set up.

B-17



Advertisement Rates

Advertisements printed in the NCRCC Newsletter
will be charged at the following rates:

Non-commercial Ads

Members - FREE
Non-members - \$1.00/Issue

Commercial Ads

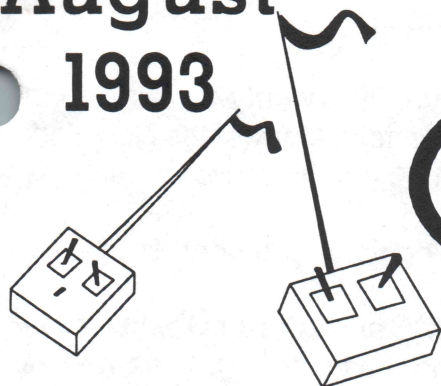
1/4 Page - \$3.00
1/2 Page - \$5.00
Full Page - \$8.00

NCRCC Equipment Inventory (as of 2/11/93)

- 1 - Pair large Horn Speakers
- 1 - Amplifier
- 1 - Microphone
- 1 - Fire Extinguisher
- 1 - Radio shack sound system (small)
Amplifier, Speakers, Microphone,
Cord, speaker Wires
- 1 - Box Plastic Badge Holders
- 1 - Box Markers, Tapes. etc.
- 1 - Box Auction Records
- 1 - Box Auction Tags (large)
- 1 - Box Wooden Award Plaques
- 1 - NCRCC Sign (for Phone Pole)

July Meeting
7/8/93
7:30 PM
Knights of Columbus
Windsor, CT

August
1993



..... NORTHERN
..... CONNECTICUT
..... RADIO
..... CONTROL
..... CLUB

In Memoriam

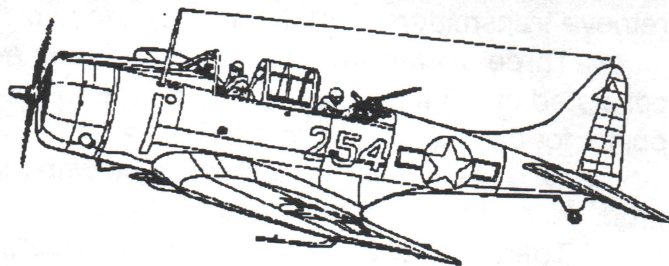
Our good friend, flying companion and ex-president, John Ortolani, passed away on Wednesday, July 21, 1993.

Countless hours and ideas, unwavering willingness to help and seasoned leadership were John's gifts to the Northern Connecticut Radio Control Club. Whether it was coordinating the activity down at Pylon One, running a club meeting, organizing the club picnics, formulating plans for the Auction, pitching in on field days, hosting executive meetings, searching for new field locations, participating in fun-flies, or just flying his Kaos and trading stories at the field, - John was always a role-model for us all.

No one in recent memory has had such a profound effect on the nature of our club. John brought to our organization a sense of balance. He restored the true "model airplanes first" attitude at our club meetings with an organizational efficiency that was exemplary.

Our memories of John, despite his quiet voice and polite manner, will long remain vivid - the beard, the gavel and the straw hat will still seem present at all the major club events, evenings at the field and packed-flight line weekends.

Our sincerest sympathy goes out to John's wife, Angie, and his two children, Todd and Carol. We share your grief and pray that John is now logging the ultimate airtime - perfect flight.



NCRCC MEETING AGENDA FOR 8/12/93

1. NEW MEMBER ACCEPTANCE
2. PRESIDENT'S REPORT
3. SECRETARY'S REPORT
4. VICE PRESIDENT'S REPORT
5. TREASURER'S REPORT
6. ACTIVITIES DIRECTOR'S REPORT
7. FIELD SUPERVISOR/SAFETY OFFICER'S REPORT
8. LIASON OFFICER'S REPORT
9. OLD BUSINESS
 - Two day Race/Picnic
 - Field Status Update
10. NEW BUSINESS
 - as raised by members
11. PROSPECTIVE MEMBER APPLICATIONS/INTRODUCTIONS (IF ANY)
12. MONTHLY RAFFLE
13. DOOR PRIZE
 - None Planned
14. ACTIVITY/ENTERTAINMENT

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Ed Lysaght, 413-739-8029

Mike Okrasa, 203-749-3320

Ed Post, 203-741-0253

Don Salerno(SR.), 203-749-9111

Irv Thurrott, 203-644-9040

N.C.R.C.C. Electric Fun Fly Big Success

July 24, 1993 was the date of the NCRCC's 6th Annual Electric Fun Fly. Twenty-six pilots from Connecticut, Rhode Island, Massachusetts and New York converged on our field. Many of the New York pilots were from the SEFLI club on Long Island and had been up since 4:00 a.m. in order to catch the 6:00 ferry to Bridgeport. Everyone visited and flew for fun until 11:00.

Ron Torrito opened the competition with a moment of silence to dedicate the contest to John Ortolani's memory.

Many thanks to Wayne Galbraith, Rich Tully and Ed More from NCRCC and to Peter O'Shea, pilot-cum-timer from Boston. These four gentlemen spent the afternoon timing the pilots' flights as well as monitoring the impound. Ron emphasized at the pilots' meeting that only the officials were permitted to retrieve transmitters from the impound to avoid radio conflict. All pilots were content to comply.

Three events were flown - 2 sailplane events (7 cell and 7+ cells) and 1 old timer. Each event consisted of a timed motor run and an 8-minute flight with extra points for a spot landing and penalty points for each second over 8 minutes.

Al Thresher was a lucky man, he won the grand door prize of a 50% off certificate for Airtronics products and an Airtronics receiver battery.

There was also a raffle of a Spirit glider, a Graupner folding prop and a Mabuchi motor donated by Ron Torrito and a Hi-tec - B.E.C. and on/off controller and SR battery pack.

The raffle prize was won by Al Thresher. Congratulations, Al!

The contest winners were as follows:

610 (7 cell)

- 1 Bob Andrie
- 2 Tom Hunt
- 3 Clyde Geist

612 (7+ cell)

- 1 Tom Hunt
- 2 Steve Anthony
- 3 Harry Oestreicher

618 (old timer)

- 1 Tom Vitale
- 2 Tom Ray
- 3 Al Yeagle

The winners were awarded prizes of SR Battery packs along with presents from sponsors and plaques with AMA ribbons. Thanks to the following sponsors, the contest was a rousing success:

SR Batteries

Sermos Connectors

Sullivan Products

Hobby Lobby

Model Electronics

Carl Goldberg

Dynaflight

Hitec

Airtronics

Futaba

Master Airscrew

Ace RC

Astroflight

Dubro

Satellite City

New Creations RC

Coverite

SIG

Omni

Jomar

Great Planes

The NCRCC paid \$257 for the SR Battery packs worth over \$500, thanks to Larry Sribnick who sold them to us at cost. Ron Torrito donated \$26 for Xerox costs, \$35 for phone costs, \$8 for clip boards, \$12 for digital clocks to time the contestants, \$25 for postage for letters to sponsors and fliers for contestants, a \$13 mechanical timer, \$2 for calculators, \$7 for poster board for directional signs, \$8 for neon-colored paper for advertising fliers, \$9 for frames, \$9 for AMA award ribbons, a \$42 Spirit kit, a \$20 Graupner folding prop and a \$25 motor for a total of \$223.

The same weekend, a 2-day contest was held in Syracuse, New York and CD'd by Bill Griggs, a well known electric flyer and writer. They only had 24 contestants at their's.

Ron has since received calls from contestants in Long Island, New York to thank him for his efforts and to tell him what a great time they had. Ron's canvassing of sponsors for prizes and promoting the contest prove that with some preparatory work, you can guarantee the success of an event.

by Renee Torrito

NCRCC MINUTES FOR JULY 8, 1993

by Bobbie Reid, Secretary

The meeting opened at 7:40 p.m. on July 8. New member acceptance was the first item on the agenda. Guy Beaudoin, Jr. of Enfield, CT, Otis Cheverier of E. Hartford, CT, Michael Fancella of Vernon, CT, Frank Rys of Springfield, MA, and Roy Webler of Somers, CT, were all voted into the club. Congratulations to you all and welcome to NCRCC!!

There were no prospective member introductions.

The Secretary's minutes as printed in the Newsletter were accepted and seconded. The Vice President had no report to give. The Treasurer's report was given by Bob Leiper in Rudy's absence. This report was accepted and seconded.

Activity Director Report: Dick Russell complimented Irv Thurrott on the great job he has been doing in publishing the newsletter with the expanded graphics and pictures.

Irv reported on the preparations for the race the following week end. He expects fifty to sixty contestants. He advised the awards were great and there would be refreshments. The Quicky races are to start 9 a.m. There are great prizes for the workers, also.

2-Day Meet: There will be the same type of worker's prizes. Help is still needed. Please call Bob Beaudette or sign up at the August meeting. This event should be a big race. Upwards of 60 contestants are expected each day. There will be good food — good times. Please plan on attending and helping out if you can.

NEPRO has developed an idea to look for key people to volunteer for an entire season to coordinate their events throughout a year. There will be a great award at the end of the season for these volunteer(s). They plan 12-15 events in a season. This is just an idea at this point.

Field Supervisor: Steve Teerlinck ordered the 2nd porta-potty to be left at the field. It should be there for the race this week end. Steve reported that the field was looking great thanks to John Gwozdz.

Liaison Officer: Wayne reported that more raffle tickets needed to be bought to pay for the prizes he purchased for this month's raffle.

Wayne also reported on the sail plane event on August 1. Flyers have been sent out and helpers are still needed. He needs help with frequency control and runners. He is also looking for high-starts of anyone has one to loan for the event.

Wayne described his trip to the AMA flying field in Muncie, IN. He stated the turn out was not as good as usual. There is a charge to enter now. In any event, the show and the day turned out very good.

Wayne also went to the Flying Cardinal Pub. show in Kentucky. He stated it was very impressive.

Old Business: Jess reminded us that the Electric Fun Fly was scheduled for Saturday, July 24.

She also informed us that the frequency committee had met. They discussed the original decisions that were made three years ago — that all flying at the field would be through narrow band transmitters by 1993. This ruling is to be upheld. Anyone not having gold stickered radios, must remedy this before flying at our field. In most cases, your transmitters can be sent to the manufacturer for upgrading. Check with the manufacturer for the cost of this conversion.

Wayne reported an incident he knew of. He said that at a field in Ohio he incurred interference with another transmitter and both were on narrow band. That is why the pin board will remain as it is — for added safety.

Dick Russell questioned why we had decided transmitters and not receivers also must be gold stickered. The answer was to save us from having to buy new receivers at about \$75 and from the cost of having to send them in to be checked. But, he countered, in 1990 the ruling was to have all narrow band equipment. We had three years to change. Why should the original decision be changed?

The club finally decided to leave the 1990 ruling as it stood. It was deemed unfair to vote on a club ruling and change it before it could even be enforced.

There is a scanner-type radio you can get for about \$500 or less. It tells what frequencies are in use at any given time. It was questioned if the club was interested in buying something along this line.

Bob Leiper suggested that buying this type of instrument could cause additional problems at the field. The transmitter could pick up signals from all over the place and could scare some pilots from flying at all.

Dick Russell stated that he understands that receivers with a "B" on the chip could cause problems and this situation should be looked in to. If anyone has this type of chip, they might want to find out what the problem is. His understanding is that the receiver can be returned to the manufacturer for a replacement.

New Business: Dick Russell mentioned that the auction (our biggest event) was only 7 months away. He is looking for a committee.

At the August meeting we will also be looking for a nominating committee for Board of Directors.

The Rally of Giants, an IMAA event, is coming up fast. Registrations are coming in from all over the country. About 100 pilots have signed up to participate at this time.

Guy Beaudoin requested funds from the treasury to purchase containers to carry in the food and "stuff" to the meetings. His request was approved.

We broke for refreshments at this time.

Due to thunderstorms going through the area, the lights went out during the break. I wasn't able to take minutes in the dark but did manage to get the names of most of the raffle winners. The raffle was held in the dark which added to its usual suspense.

The winners were: Mike Fancella (2), Jim Welch Wade, Ferguson, Fred Love Guy Beaudoin, Bob Rastellanos, Bob Beaudette, Bob Fregeau, Bob Welch.

The meeting ended and so did the storm.

Pylon Race, July 11, 1993

Irv Thurrott, CD

Expenses

Frames (10)	\$91.80
Fast Time Trophy	\$10.60
Film	\$10.00
Chairs for Work	\$138.14
Detail Sanders	\$80.00
Cooler	\$15.00
Food - Truck	\$50.00
Soda - on course	\$47.00
NEPRO (\$2 x 45)	\$90.00

Total - \$532.54

Income

45 Entries (\$15) \$675.00

Total - \$675.00

10 Gal. fuel - \$80.00 Owed to NCRCC

Due NCRCC - \$142.46 \$675 - (532.54) + 80

Actual Profit \$62.46

\$192.40 = Contestants
(91.80 + 10.60 + 10 + 80)

\$330.14 = Workers
(138.14 + 80 + 15 + 50 + 47)

Workers

Ed Post

Dave Brown

Bob Leiper

* Ray Hitchner

Jeff Laitinen

Bryan Laitinen

Dan Carbonell

Rey Lavallee

Jessica Thurrott

Dick Russell

Irv Thurrott

Nick Lavieri

Steve Teerlinck

Guy Beaudoin

* Nick Baltrush

* = Not NCRCC Member

The Wetter the Better?, by Keith Hayden

While looking through the humid haze that hung over the field Just before the start of the race, I over heard Bob remark from the relative comfort of the shade, that it was a good day for racing. He went on to say that because of the humidity, the air was more dense and the planes could grab more air and both travel faster and turn better. Thinking quickly with both of my brain cells turned to full power I concluded very scientifically - NOT - , humid air was not more dense but was actually thinner and the performance of the planes should be hurt, not helped by the oppressive conditions. Let me add that with the humidity at nearly 100% and the thermometer racing towards 90 degrees my mind was not sharp, (hard to believe I know). Then to support my now questionable position I spewed on verbally as to the molecular weights of water vapor and oxygen and nitrogen molecules hoping to at least confuse if not actually convince Bob (a very worthy opponent) that I did in fact know exactly what I was talking about. Then to my total surprise and horror I was listening to the definition of Avogadro's number and effects of high pressure on air density. As we all know it isn't being right that counts, but that the other person thinks that you are right. Then a challenge was struck. PROVE IT! I will I said, and I'll write an article about it. And so that is how we got to this point. Now it has been a long time since high school chemistry and even though my teacher was my father, I was still a little fuzzy on all this molecular stuff. I knew that air is 99% oxygen and nitrogen And I also remembered that both of those elements traveled in a binary molecule. Stay with me here, I won't get too technical. Now then, where were we, oh yeah, a given volume of gas at a constant pressure and temperature has the same number of molecules no matter what type of gas you have. I didn't make this up, it is on page 53 of my high school chemistry book. So, that means that with 99% of dry air being oxygen and nitrogen with molecular weights of 32 and 28 respectively and oxygen being approximately 21% of the air we get an average molecular weight of about 29. For those of you actually following this - $(32 * 0.21) + (28 * 0.79) = 28.84$. Or, like I said, 29. Now water as we all know is H₂O with a molecular weight of 18. If we are in agreement with page 53, as we introduce water vapor into the air of constant temperature and pressure, molecules of oxygen and nitrogen get kicked out. (It almost doesn't seem fair!) And therefore, (this is where you should sit down), since the heavier molecules are being replaced by the lighter molecules air becomes increasingly less dense with increased humidity. Now I can hear some of you saying OK college boy, I don't care what you say, humid air still feels heavier! To that I say, prove it!

A Fond Farewell

Bob Beaudette, our NEPRO and NCRCC workaholic, has decided to head south for a more temperate climate and lucrative job.

Over the years Bob's dedication and service has been outstanding. His more recent involvement has been as Secretary/Treasurer of NEPRO, banquet organizer par excellence, contest director, NCRCC auction Chairman, NCRCC Executive Committee and various other critical positions.

Many of the recent occupants of the winner's circle have been flying Robert's Racing Cobras - jig-built and highly efficient offspring of Bob's production-line basement workshop. Many of our NEPRO racers, and racers across the country, found the Cobra to be the most cost-effective and time-effective way to reach the top of the competitive heap.

Bob has always been most willing to help anyone interested in racing, and this perhaps, is why we'll miss him the most. NCRCC has always had an active group of racers who profited from his knowledge and experience.

Outside the racing environment Bob has also dedicated a good deal of his time. For a number of years, Bob has been intimately involved with the NCRCC auction, bringing this activity from a fledgling event to the major income-generator that it has now become.

He also finds time to snow-mobile, follow stock car racing and fly quarter-scale R/C (besides spending time in his outdoor hot tub).

It's going to be a difficult task to "back fill" all the NCRCC and NEPRO activities that Bob Beaudette has personally taken care of. Even as he plans his move to Florida, he's also working on his final NEPRO/NCRCC opus - the two day NCRCC race at Ellington on August 14th and 15th. This race will be personalized by a steak cookout on Saturday after the racing ends - one more Beaudette first.

Best of luck with your new job, Bob!

The Two-day race is shaping up to be the top NEPRO racing event of the season. Many pilots have commented that the NCRCC Two-dayer is the one they most look forward to. Some even try to save their equipment for the experience. Out of the woodwork come some of the "least recently seen" racers of bygone years (perhaps centuries), i.e. Steve Pastula, Mike Kaminiski and maybe even Art Simmonds.

New things are being tried by this year's CD, Bob Beaudette - A major food upgradeStrip Steaks for all NCRCC members who attend (no charge!) as well as for the paying contestants. AMA Quickee - the screaming banshees of pylon racing - Nationals times were down around 1:03.

Let's pitch in and see if our club can make this the best and most memorable race of the 1993 season. Come spend some time working or watching over the weekend - many interesting jobs are still available.

NCRCC Two-Day Race

SATURDAY AND SUNDAY, AUGUST 14TH AND 15TH

ALL NCRCC members are invited to this Gala Event
(Steak Picnic, Non-alcoholic beverages provided)

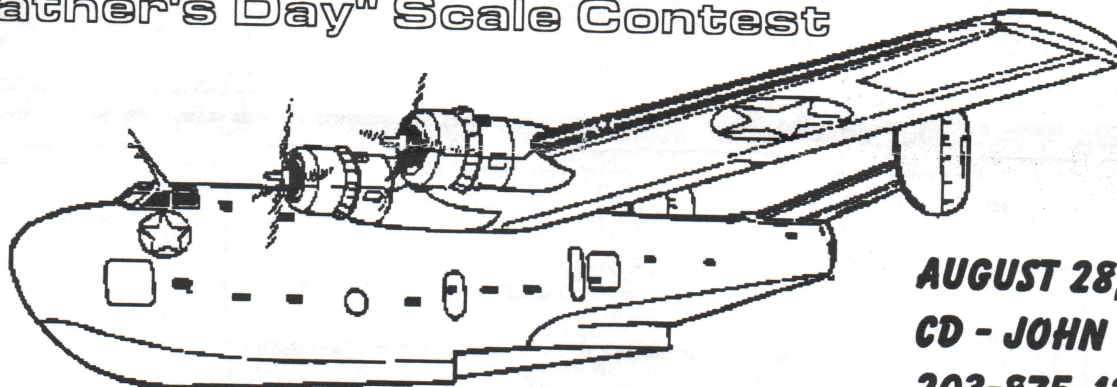
Both NEPRO and AMA Quickee 500 will be flown
Entry fee for pilots for both days \$35

Club support will be appreciated and rewarded

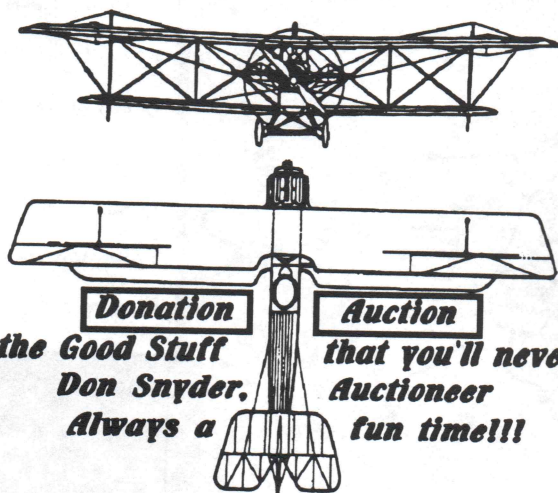
- ☐ **Need workers for both days**
- ☐ **Worker Raffle**

Date	Event	Coordinator/CD
8/14/93	Pylon Race - Q500, Picnic	CD - Bob Beaudette
8/15/93	Pylon Race - Q500	CD - Bob Beaudette
8/29/93	Father's Day Scale Contest	CD - John Fraine
9/3-6/93	Rally of Giants	CD - Dick Russell
9/09/93	Donation Auction	Coord. - Don Snyder
10/10/93	Irv's Swerve's Contest	CD - Irv Thurrott
10/14/93	Worker's Auction	Coord.-K. Hayden, B. Boulais

"Father's Day" Scale Contest



AUGUST 28, 1993
CD - JOHN FRAINE
203-875-1258



Bring the Good Stuff
Don Snyder,
Always a

Auction
that you'll never use.
Auctioneer
fun time!!!

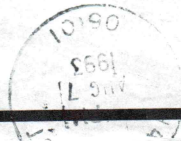


IMAA Rally of Giants
September 3-6, 1993
Barnes Airport
Westfield, Massachusetts

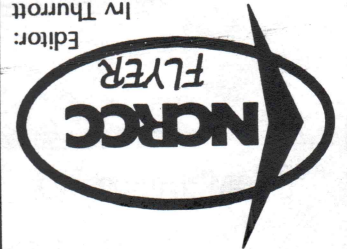
Contact: Dick Russell
203-633-8859

CT 06082

William Reid
36 Clear St.
Enfield



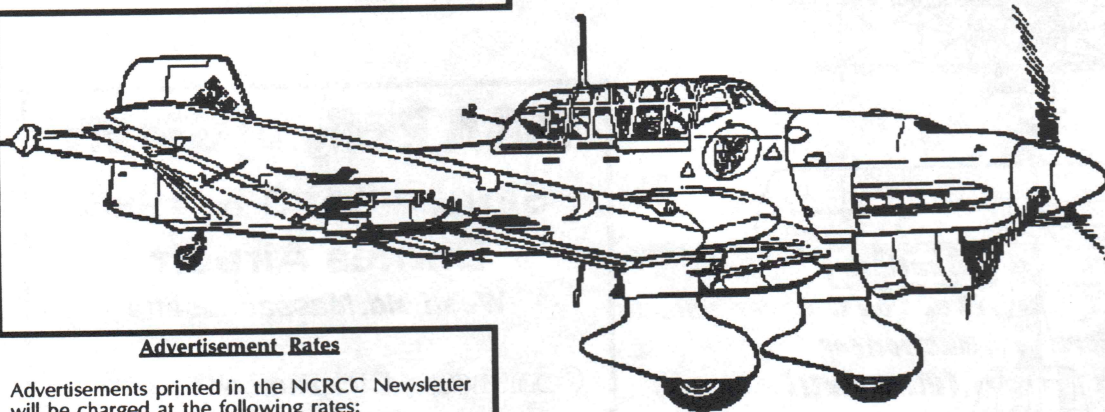
Editor:
Irv Thurott
21 Pine Knob Circle
South Windsor, CT 06074



FAXing Newsletter Items to the Editor:

- 1) Type should be at least 12 point.
- 2) Don't worry too much about format.
(Tabs, underlining, bold, etc.)
- 3) Set your FAX machine to "Fine".
- 4) Call first so FAX receive can be set up.

Stuka



Advertisement Rates

Advertisements printed in the NCRCC Newsletter will be charged at the following rates:

Non-commercial Ads
Members - FREE
Non-members - \$1.00/Issue

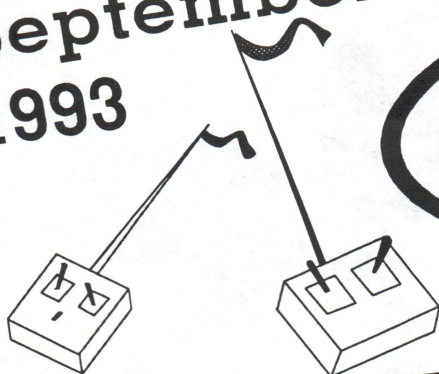
Commercial Ads
1/4 Page - \$3.00
1/2 Page - \$5.00
Full Page - \$8.00

NCRCC Equipment Inventory (as of 2/11/93)

- 1 - Pair large Horn Speakers
- 1 - Amplifier
- 1 - Microphone
- 1 - Fire Extinguisher
- 1 - Radio shack sound system (small)
Amplifier, Speakers, Microphone,
Cord, speaker Wires
- 1 - Box Plastic Badge Holders
- 1 - Box Markers, Tapes. etc.
- 1 - Box Auction Records
- 1 - Box Auction Tags (large)
- 1 - Box Wooden Award Plaques
- 1 - NCRCC Sign (for Phone Pole)

August Meeting
8/12/93
7:30 PM
Knights of Columbus
Windsor Locks, CT

September
1993



NORTHERN
CONNECTICUT
RADIO
CONTROL
CLUB

Presbits by Jess Thurrott

All in all, it's been a very successful summer. The fantastic attendance at the electric and glider meets was followed by a whopping turnout for the famous two-day race. Bob Beaudette went out with a bang in the form of a small hurricane Saturday afternoon, followed by a fantastic barbecue and party... Our NCRCC workers proved once again that this is the premier event of the year. Thanks to all who made it happen, and especially to Bob (who is probably reading this while sipping a Pina Colada by the swimming pool next to his new club field!).

The Fall season at NCRCC brings a lot of activities, as well. We will have nominations and elections of new officers, for starters. Many of us are willing to continue in our present positions, unless there are any objections; HOWEVER, anyone wishing to join the executive committee should not hesitate to speak up at the next meeting. (point is, if you'll do it, you can probably have it - after a series of grueling interviews, of course!).

The Donation Auction is also the September meeting, followed by the Workers' Auction and elections in October.

As the weather does begin to chill this fall, take heart: Bob mentioned before he left that some of those Florida guys are actually envious of our cold winter months. They said, "With 365 days a year of flying, we never get time to build!". There's one way to look at it.

See you at the field.

NCRCC MEETING AGENDA FOR 9/9/93

1. NEW MEMBER ACCEPTANCE
2. PRESIDENT'S REPORT
3. SECRETARY'S REPORT
4. VICE PRESIDENT'S REPORT
5. TREASURER'S REPORT
6. ACTIVITIES DIRECTOR'S REPORT
7. FIELD SUPERVISOR/SAFETY OFFICER'S REPORT
8. LIASON OFFICER'S REPORT
9. OLD BUSINESS
Two day Race/Picnic Report
10. NEW BUSINESS
as raised by members
11. PROSPECTIVE MEMBER APPLICATIONS/INTRODUCTIONS
Irv Borokow, Hogan Eng, Chris Gardner,
Howard Gladstone, Joseph Payer, Robert Spooner
12. MONTHLY RAFFLE
13. DOOR PRIZE
None Planned
14. ACTIVITY/ENTERTAINMENT
Donation Auction

President: Jessica Thurrott, 203-289-1181

Vice President: Bob Leiper, 203-649-6690

Secretary: Bobbie Reid, 203-749-0816

Treasurer: Rudy Roggenkamp, 203-643-0877

Field Supervisor: Steve Teerlinck, 413-267-9545

Activities Director: Dick Russell, 203-633-8859

Newsletter Editor: Irv Thurrott, 203-644-9040

Flight Instructors:

Wayne Galbraith, 203-745-3291

Tony Giovanetti, 203-749-3336

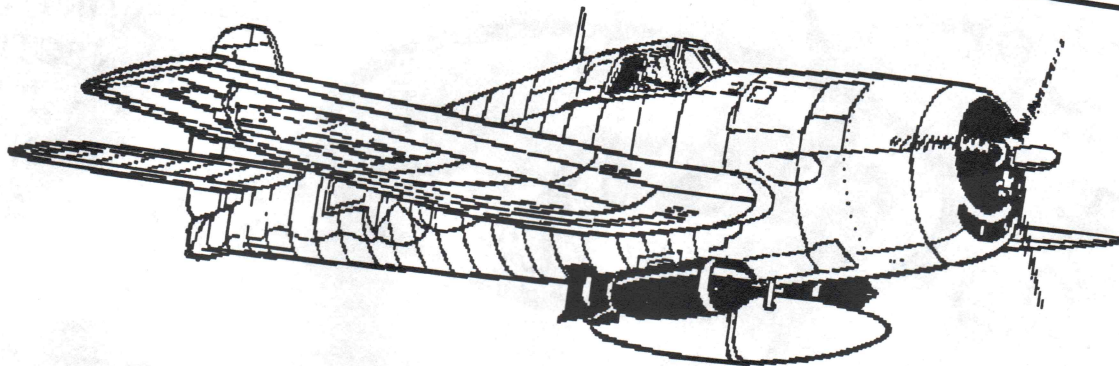
Ed Lysaght, 413-739-8029

Mike Okraska, 203-749-3320

Ed Post, 203-741-0253

Don Salerno(SR.), 203-749-9111

Irv Thurrott, 203-644-9040

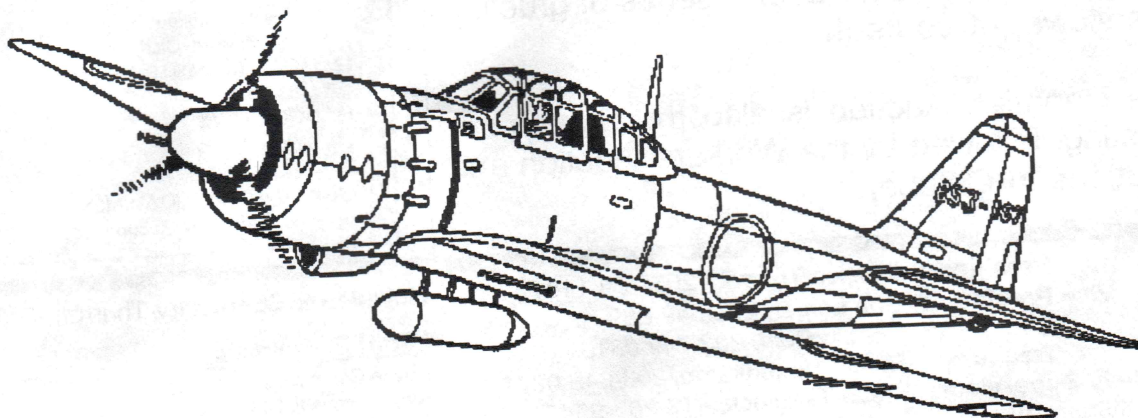


Donation Auction September Meeting

Renowned Auctioneer, Don Snyder, will be hawking his wares at our September Meeting (9/9/93). If you haven't experienced the hawking of Don Snyder, this is one event you won't want to miss!!!

Bring items that you'd like to donate for the club's benefit and Don will surely find some euphemism or mumbling word to describe them to the participants.

BRING MONEY ALSO!!!
REAL FUN!!!



NCRCC MINUTES FOR August 12, 1993

by Bobbie Reid, Secretary

The meeting opened at 7:40 p.m. with a moment of silence in remembrance of John Ortolani who has done so much and been such an inspiration for our club.

One of our club members, Mike, landed his plane in a tree. He climbed the tree to retrieve it and on his way out of the tree, accidentally slid down the trunk and broke his ankle (quite a bad break, I understand). This incident was related to the club by Wayne Galbraith to emphasize the fact that climbing trees can be dangerous. It is the club's advice not to climb trees — Ed Lysaght has volunteered to help in the event you do land in a tree, (well, not you, your plane) he has the correct equipment for retrieval.

The newsletter was accepted and seconded.

Bob Leiper has the original copy of our Incorporation papers. He showed it as a nostalgia item.

Dick Russell spoke of our last two events at the field. The Glider Contest and Electric Contest were great successes. He pointed out what a little effort and dedication to the task can accomplish. He thanked Wayne Galbraith for CDing the Glider Contest and Renee and Ron Torrito for the Electric Contest.

Approximately 150 pilots have signed up for the IMAA Meet over Labor Day Weekend. Although this is not a club event, it should prove of interest to all RC pilots. Dick still needs volunteers to help at this fly-in — four hours of service will qualify you for a raffle prize.

The treasurer's report was given, accepted and seconded.

Wayne Galbraith announced he had \$80 worth of raffle prizes for this meeting. Davis Hobby gave a 20% discount on these items.

OLD BUSINESS

Dick Adamonis and Roger Dulude were presented their Solo Certificates. Congratulations!!!!

GLIDER CONTEST

Wayne Galbraith reported the weather had been perfect for the Glider Contest. He also had plenty of help. He thanked the workers and those who simply came to watch. Only two members from NCRCC entered the contest. That was the only disappointing part. There were a total of 25 contestants and 3 events. The contest was profitable.

ELECTRIC MEET

Renee Torrito reported they also had a beautiful day for this meet. Twenty-six pilots entered the meet. There were three events. Three pilots were from NCRCC and several from the Long Island club. There were \$250 worth of prizes paid for by the club and from manufacturer's donations. The event was a profitable one.

NCRCC may get magazine coverage from the two events as reporters were at both.

PYLON RACE

Bob Beaudette reported that this event was looking good. He had received 77 pre-registrations. This number is greater than the number that showed up at the NATs last year. The picnic is well under control — he advised club members not to bring anything — it would all be provided.

Jess announced at this time that Bob was moving to Coral Springs, Florida very shortly. He has done a tremendous job working with the club. He involved himself in many of our events and to show our appreciation, he was presented with a plaque of appreciation from NCRCC. Bob will be sorely missed by many of us.

FIELD RENTAL

Jess Thurrott and Bob Leiper met with Sam Friedman and his son Irving over dinner one evening in July. They discussed the continued rental of our field. The Friedman's asked for an increase in rent to \$2,500 but negotiated to \$1,500. Jess asked the club's approval to pay this amount. Bob Beaudette motioned we accept \$1,500. It was stated that there will be no written lease. If they decide to sell the land (and this is somewhat of a possibility), they will contact us. If we considered buying this land, we'd have to buy about 25 acres as that is the package. The \$1,500 rental fee covers about 10 acres of land. Corn is to be grown at the hill area from about the power lines on up the hill. Ed Lysaght asked if rent would be due monthly or annually. Jess responded that we would pay annually — June of each year. To get to this annual June date, we will pay \$750 in December of this year and then in June pay the yearly \$1,500 fee. This increase in rent should not cause dues to be raised. Renee seconded the motion to accept the rental fee and no one opposed.

NEWSLETTER

Irv Thurrott needs help in getting the newsletter to the printer. He's also looking for someone willing to takeover the task of creating the Newsletter. Please, if anyone is capable of this task, volunteer!!!

AUCTION

Dick Russell is the Chairperson of this event — our biggest each year. There is still the question of whether we should extend the auction to a second day. Perhaps have the Swap Shop on Saturday and the Auction on Sunday. The auction could be the way to go to save money to eventually buy the field. Dick feels the need for a permanent auction committee and for this committee to also look towards our future field needs.

Dick is also asking for help on the auction. He hopes to get started planning early to avoid any late planning glitches.

The meeting broke for doughnuts and drinks and restarted when everyone was full.

NEW BUSINESS

A nominating committee consisting of Dick Russell, Buddy Beaudoin, and Ralph Rinaldi was created. Doesn't seem possible the year is almost up, does it??

Jess brought up the idea that perhaps the club would like to find a way to memorialize the memory of John Ortolani. A gift having to do with our hobby to a young person was suggested — to be given yearly. Perhaps we could pay AMA dues for a deserving individual each year??? An annual raffle with a donation to a charity was also suggested. Another idea was a scholarship to Ellington High School or a yearly subscription to Model Aviation for a local library. Nothing was decided but will be discussed again at a later meeting.

A motion was made and seconded to name our field Ortolani Field. All in attendance were in favor.

New Member Introductions were made:

Irv Borokow from S. Windsor, CT
Hogan Eng from Windsor, CT
Chris Gardner from Ashford, CT
Howard Glastone from Hartford, CT
Joseph Payer from S. Windsor, CT
Robert Spooner from S. Windsor, CT

These perspective members will be voted in next week.

RAFFLE WINNERS:

Bob Kaminski
Ed Lysaght (Herman Potts)
George West
Bill Reid
Bill Tobin

Art Runde Gil Berg (2)
Keith Wilber (2)
Joe Carlo
Guy Beaudoin

George White
Rich Tully (2)
Ed Moore (3)
Buddy Beaudoin (2)

Lucky Guys!!!!

The meeting closed at 9:35 p.m.

NCRCC Events

Date	Event	Coordinator/CD
9/09/93	Donation Auction	Coord. - Don Snyder
10/10/93	Irv's Swerves Contest	CD - Irv Thurrott
10/14/93	Worker's Auction	Coord.-K. Hayden, B. Boulais

The Schedule:

Irv's Swerves

- 1) Takeoff
- 2) Procedure Turn
- 3) 1 Roll
- 4) Immelman Turn
- 5) 1 Outside Loop
- 6) Reverse Immelman
- 7) Cuban Eight
- 8) Split "S"
- 9) 2 Loops
- 10) Stall Turn
- 11) Straight Inverted Flight
- 12) Procedure Turn
- 13) Landing Approach
- 14) Landing

Into the wind.
90 degrees away from pits, then 270.
To right or left.
Stay at altitude.
From Top or Bottom.
Roll to inverted, half inside loop.
45 Degrees, round loops.
Climb 45 degrees, 1/2 roll, loop.
Fly all the way through.
Lock on vertical, time the rudder.
1/2 roll, stay flat, 1/2 roll out.
Hold altitude.
Rectangular.
Flare.

NCRCC Two Day Race Huge Success

On August 14th and 15th, thirty one Standard Class NEPRO Quickee 500 racers, thirty two Expert Class and twenty AMA Q-500 pilots met for a two-day clash/bash.

CD Bob Beaudette, in his final NEPRO activity prior to leaving for Florida, addressed the pilots, charged the workers and put in motion the largest-ever pylon racing event to be hosted by the Northern Connecticut R/C Club. "Awesome" was the only possible description of the spread of tents, people and aircraft present.

The plan for the weekend included pushing four rounds of flying through on Saturday, a family picnic Saturday evening (Strip Steaks, Salads, Desert, etc.) and another three rounds of flying on Sunday. Everything went as planned with one small exception. About three heats from the end of the fourth round of AMA Quickee, thunder was heard and a few flashes of lightning were observed. Bob immediately called everyone off the course - none too soon as what followed could never have been anticipated.

We all were under canopies and tents, enjoying the light summer shower, as the temperature was in the upper 80's. The clouds gave every indication of the proverbial "passing shower". The temperature, however, was dropping to the point where being wet was no longer an enjoyable experience. Furthermore, the tents weren't as much protection as they had been for the wind had picked up and was driving the rain horizontally across the field.

Lightning was flashing all around, the temperature had dropped 30 degrees, the barbeque barrels were a lost cause and people were fleeing to their cars for protection - leaving behind tents and equipment that soon could be seen whipping around the cars and field. A real fun time.

As inconceivable as it may seem, the storm ended, the sun came out, and a beautiful, calm evening permitted the picnic to go on as planned. Of course a lot of bailing, wringing-out and clothes-changing was required, as well as substantial canopy repair.

The flying across both days was spectacular... very close heats, extremely fast times and, particularly on Sunday, some devastating crashes.

In Standard Class, it became obvious that David Soto, a first-time racer in our area, would easily be moving into the Expert Class. His first heat (1:37), paved the way to 7 consecutive wins and a First Place in Standard Class.

Our usual cadre of top finishers in Standard (Alicandro, Sutton and Gay) were duking it out, but met some stiff resistance from Doug Latinen, who proceeded to fly himself into Expert Class with two sub 1:40 times and a very strong Fifth Place showing.

Bob Davis flew well all through Saturday, but experienced a migraine headache on Sunday. This was further complicated by an unscheduled treetop encounter during a landing pattern. Even under these trying conditions, Bob tied for Fourth Place with co-NCRCC member Doug Laitinen - coming in second in a most exciting flyoff.

The level of flying in Standard Class is improving with every race, and the close racing has everyone in the pits watching and cheering for their favorites.

In Expert class the "plateau" has also made a jump up a notch or two. 1:30 used to be a magic number that seemed insurmountable. At this race we saw Jerry Stephen fly a 1:26.34 and come in SECOND to Tom Rebenklau, who just nosed him out with a 1:26.32. Ralph Rinaldi flew a 1:29.2, Lloyd Burnham a 1:29.97, Don McStay a 1:29.4, Mike Mungavin a 1:29.3, Steve Dombek a 1:29.1 and Bill Jensen a 1:29.75. As many have noted, "every heat is like a flyoff"!

Lloyd Burnham really had everything working properly for his win in Expert class - his slowest time was 1:34.51 and fastest time was 1:29.97, pretty consistent by any standard. Seven consecutive heats, no cuts and no "gimmes". Quite a show, Lloyd.

Ralph Rinaldi has the smoothest, most recognizable "style" of flying, and his third place finish was accomplished with cuts in five of his seven heats - incredible to think what his times would have been if pylon one had been a few feet closer.

Steve Dombek, who turned Expert last year, turned in a blistering 1:29.1 on a flight where he was absolutely on top of pylons two and three. A double cut in the first heat kept Steve out of the top five, but his flying progress is amazing.

Expert Quickee was capped off by yet another flyoff between Tom Rebenklau and Lloyd Burnham. These two meet frequently at the end of normal flying and it's always a treat for the spectators. The race was really tight with both flyers getting an early cut, but then around lap 8 they both shortened the course by a good 50 feet (listening to the other guy's caller?).

Popular opinion dictated that the flyoff be re-flown. This time Lloyd took a commanding lead and the win.

AMA Quickee seems to be growing in popularity with 19 entrants present. Joe Sera and George Rodriguez flew only in this event.

Some of our NEPRO guys are finding the right prop/setting combination and really putting the planes on the course. Ralph Rinaldi and Lloyd Burnham were consistently down around the 1:02-1:05 mark but Ralph's double cut in one heat and Lloyd's leaking plug (no start) kept them out of the top spot.

Sunday saw some really spectacular crashes. Mid-air rounding 2-3, high speed carrier landings (no carrier), collisions with the pylon flags and some equipment failures.

After the smoke and balsa particles cleared, Mike Bumbaca emerged the victor. Mike completed all his heats, had no cuts (way to go Pam), four first place finishes and two second place finishes for a total of 22 points. Mike's times ranged from 1:07.4 to 1:13.4.

Highlights of this event included some exquisite flying and low times (Lloyd - 1:02.0, Ralph - 1:01.69).

It appears that NEPRO has arrived at Nationals-level performance in AMA Quickee (ala Nelson). If NEPRO-like rules are used for an event at the Nationals - watch out!!!

65 CONTESTANTS!!!!

(ALL-TIME RECORD)

Worker's List

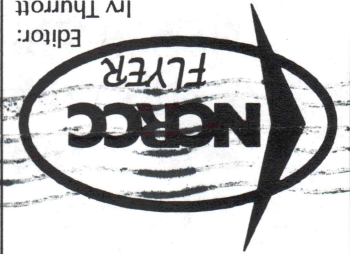
Patty Thibodeau
Dennis Thibodeau
Daniel Thibodeau
Keith Wilbur
Fred Love
Ed Love
Eric Beaudette
John Cheyer
Joseph Zabka
Jeff Laitinen
Bryan Laitinen
Michael Juliano
Steven Thibodeau
Rudy Roggenkamp
Bob Boulais
Kathy Rebenklau
Joe Bednarz
Bob Welch
Chris ?
Bob Leiper
John Whidden
Eric Whidden
Darlene Beaudette

1993 Two Day Race	
<i>Expenses</i>	
Highland Market (Steaks, Salads, etc.)	\$750.00
Paperware	98.00
Ice	16.18
Corn	30.00
Stop & Shop	12.96
Chester's (Snacks, butter)	39.61
Chester's (Soda, plates, ice)	195.16
Dairy Mart (Snacks, ice)	31.00
Taylor Rental (Water coolers)	34.80
Worker's Prizes	300.00
Pilot's Prizes	150.00
Trophies (Jennings)	197.17
Fuel (16 Gals @ \$9) (NEPRO)	144.00
Worker's food (lunches)	110.00
NEPRO Fees	126.00
Total Expenses -	\$2,234.88
<i>Income</i>	
65 Entries at \$35.00	\$2,275.00
Additional Picnic Tickets at \$5.00	235.00
Profit from Meet	\$275.12
Unused Gift Certificates	20.00
Grand Total Profit -	\$295.12

WILLIAM REID
36 CLEAR ST.
ENFIELD, CT 06082



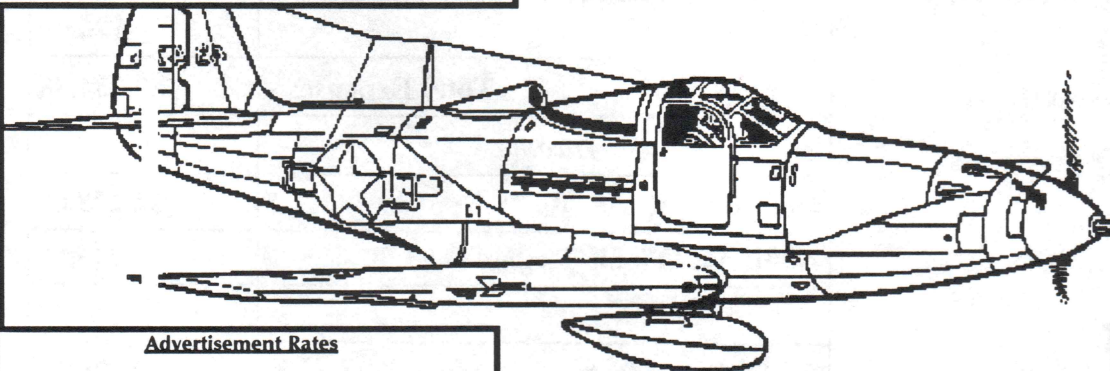
Editor:
Irv Thurott
21 Pine Knob Circle
South Windsor, CT 06074



FAXing Newsletter Items to the Editor:

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(Tabs, underlining, bold, etc.)
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Aircobra



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1/2 Page - \$5.00
Full Page - \$8.00

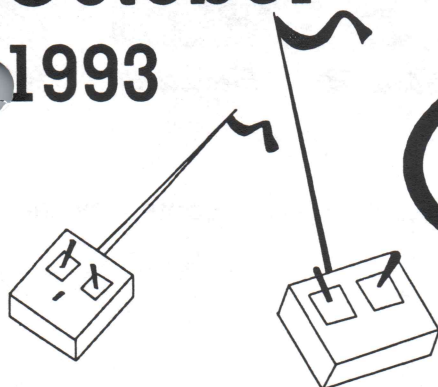
DONATION AUCTION !!!

NCRCC Equipment Inventory (as of 2/11/93)

- 1 - Pair large Horn Speakers
- 1 - Amplifier
- 1 - Microphone
- 1 - Fire Extinguisher
- 1 - Radio shack sound system (small)
Amplifier, Speakers, Microphone,
Cord, speaker Wires
- 1 - Box Plastic Badge Holders
- 1 - Box Markers, Tapes. etc.
- 1 - Box Auction Records
- 1 - Box Auction Tags (large)
- 1 - Box Wooden Award Plaques
- 1 - NCRCC Sign (for Phone Pole)

September Meeting
9/9/93
7:30 PM
Knights of Columbus
Windsor Locks, CT

October
1993



..... NORTHERN
..... CONNECTICUT
..... RADIO
..... CONTROL
..... CLUB

PresBits..... by Jess Thurrott

I thought that this job was supposed to get easier when the weather got colder! We have a lot going on this fall. Don Snyder did a great job with meager pickings at the Donation Auction and we're all looking forward to the Worker's Auction this month. Y'all don't have to worry about the president carrying the big bucks this year, however, it seems I've had a little trouble remembering to sign in at the last 10 meetings or so. Would anyone vouch that I was there??

The Executive Committee has been considering a nomination slate for Most Active Member, which we will ask you to vote on in the next months. This slate is primarily derived from the point-standings. In future years, we'd like to reconsider either the name of this award, or the method for selecting the winner, or both. It may be useful to have more than one such award. For example, one for "Most Helpful" and one for "Best Worker," or something like that. Don't worry, we won't let it deteriorate into a high school yearbook of "Most likely to Succeeds" and "Class Clowns"(who comes to mind?) Anyway, please give it some thought and let me know if you have suggestions.

The big event to keep in mind as we move into the winter months is the February Auction. Many people had insightful and interesting suggestions for improvement after last year's auction. Dick Russell is on top of it this year and already has the wheels in motion. If you would like to assist at the auction, or have any comments or ideas, please give him a call.

The greatest effort we put forth all year should actually go toward this auction. We'll talk more at the meeting about the uses to which these profits may be put.

The Awards and Recognitions Ceremony had traditionally been in November; last year we moved it to December in keeping with the Christmasy, gift-giving spirit of the month. We will do so again this year. Looking forward to seeing who's been naughty or nice. .

See you at the...brrr...field.

NCRCC MEETING AGENDA FOR 10/14/93

1. NEW MEMBER ACCEPTANCE
2. PRESIDENT'S REPORT
3. SECRETARY'S REPORT
4. VICE PRESIDENT'S REPORT
5. TREASURER'S REPORT
6. ACTIVITIES DIRECTOR'S REPORT
7. FIELD SUPERVISOR/SAFETY OFFICER'S REPORT
8. LIASON OFFICER'S REPORT
9. OLD BUSINESS
Irv's Swerves Report
10. NEW BUSINESS
as raised by members
11. PROSPECTIVE MEMBER APPLICATIONS/INTRODUCTIONS
Dan Carbonel, Peter Das, Peter Schooner
12. MONTHLY RAFFLE
13. DOOR PRIZE
None Planned
14. ACTIVITY/ENTERTAINMENT
Worker Auction

President: Jessica Thurrott, 203-289-1181

Vice President: Bob Leiper, 203-649-6690

Secretary: Bobbie Reid, 203-749-0816

Treasurer: Rudy Roggenkamp, 203-643-0877

Field Supervisor: Steve Teerlinck, 413-267-9545

Activities Director: Dick Russell, 203-633-8859

Newsletter Editor: Irv Thurrott, 203-644-9040

Flight Instructors:

Wayne Galbraith, 203-745-3291

Tony Giovanetti, 203-749-3336

Ed Lysaght, 413-739-8029

Mike Okraska, 203-749-3320

Ed Post, 203-741-0253

Don Salerno(SR.), 203-749-9111

Irv Thurrott, 203-644-9040

NCRCC MINUTES FOR September 9, 1993

by Bobbie Reid, Secretary

The meeting was called to order at 7:40 p.m.

The first item on the agenda was new member acceptance. The following were accepted by the membership:

Irv Borokow

Hogan Eng

Ghris Gardner

Howard Gladstone

Joseph Payer

John Piorello

Robert Rossetti

Roy Webler

Jess reminded us all to pay attention to the field rules — also to inform guests of the field rules. NEVER take off from the pits!! Not even if you are at the field alone. If we see it happen, you will hear from the Executive Committee. Please, help us prevent accidents!!

As you leave the field, be sure to pick up all your trash, including cigarette butts. It is the general consensus that cigarette filters are trash and make the field look messy since they do not disintegrate. I have read that it takes approximately 7 years for a filtered cigarette to decompose. That's a long time to leave it on the field.

Jess congratulated Dick Russell on his successful IMAA fly-in.

The minutes of last months' meeting were accepted and seconded. The Vice President was absent so there was no report. The treasurer's report was given, accepted and seconded.

We have enough money to pay the field rental for 1994.

Dick Russell spoke on the scale meet. there were five entrants from our club. The problem was there were no other entrants. Jerry Benoit won best of show and giant scale - sports. Second in the giant scale category was won by Charlie Meserve. Ray Lavallee won 2nd in sports and Dave Brown won 3rd in sport. Charlie was voted as having the longest taxi and did the best ballet with his Tiger Moth.

We are looking for someone to volunteer to CD the scale meet for next year.

Dick Russell said the IMAA Fun Fly was a great success, thanks to this club and the NEDs club, especially Bob Boulais who did a lot of preliminary work. He also thanked Tom Piorek who handled the sound system. There were 197 registered pilots. Sunday's spectators numbered over 2,000.

Steve Teerlinck reported on the field. He related an incident that happened about 2-weeks ago. Bob found the parking lot somewhat torn up — there were car tracks in the parking lot and the pit area. Someone got in and this presents a concern. The lock was also damaged. Guy mentioned that the lock was hard to shut and it was bound to be left open if a member couldn't shut it. Steve said he will probably purchase a new lock. He instructed us to shut the lock while on the combination and then roll the numbers.

A new lock was already purchased for the tractor. It has the same combination as the gate. We broke for this FREE treat at 8:20 p.m. and the meeting restarted at 8:40 p.m.

Wayne Galbraith - Liaison

Wayne reported that he had a gift certificate left from the electric contest and four \$2 certificates from the Hickton Fun Fly redeemable at Davis Hobbies, to raffle off. He also had some IMAA stickers donated and an additional \$65 worth of raffle prizes.

Next month he will have a kit for a winter building project in the raffle.

Wayne also mentioned that he will run again for 1994 for Liaison and if elected, will need an assistant to run the club raffle in his absence.

OLD BUSINESS:

There was no old business

NEW BUSINESS:

The slate of candidates was due at this meeting. The present officers are willing to serve another term but would like some competition. The nominating committee (Dick Russell, Buddy Beaudoin, and Ralph Rinaldi) had no candidates at this time. Charlie Meserve suggested that the present officers run unopposed (as there were no volunteers or nominations from the floor) and that the secretary cast one vote for the club for their election. This will be done at the October meeting if no one steps forward.

October Schedule: Irv Swerves and new officers voted in.

November Schedule: Budget presented, most active member voted on and rewards and recognitions presented.

The Field and Auction Committee will be chosen by Dick Russell, Chairman. The committee will look for fields. They will also come up with a proposal on how we could purchase land for a field if the opportunity arose. The committee will also work on the auction and it is hoped that money earned from the auction could be reserved for a field purchase fund. Any comments on these ideas are welcome from the membership.

Ruddy Roggenkamp requests an assistant treasurer for next year as he may be in Alaska during July and August. It was suggested this would be a good job for the Vice President.

Irv's Swerves: This fun fly-type contest will be an entry level quasi-pattern contest. It will be one flowing flight. Prizes will be a surprise. It is to be held on Oct. 10. The time is still up-in-the-air. Probably around 11 a.m. or a little later (after lunch).

Irv will continue editing and publishing the Newsletter next year. Bob Boulais will help him by doing some of them.

Next meeting will be the Worker's Auction. Present cumulative point information was available.

Ed Lysaght thanked NCRCC for the loan of their coffee pot for PVRCC at the IMAA Fly-In. To show their thanks, PVRCC purchased the coffee and doughnuts for break this meeting.

New member introductions were made:

Dan Carbonel

Peter Das

Peter Schooner

The raffle was held and the following winners walked away with the prizes:

Bill Tobin (6 times)

Art Rund (only once)

Do you believe this?????

Gil Berg (2 times)

Ed More (2 times)

Charlie Meserve (2 times)

Ed Lysaght

George White

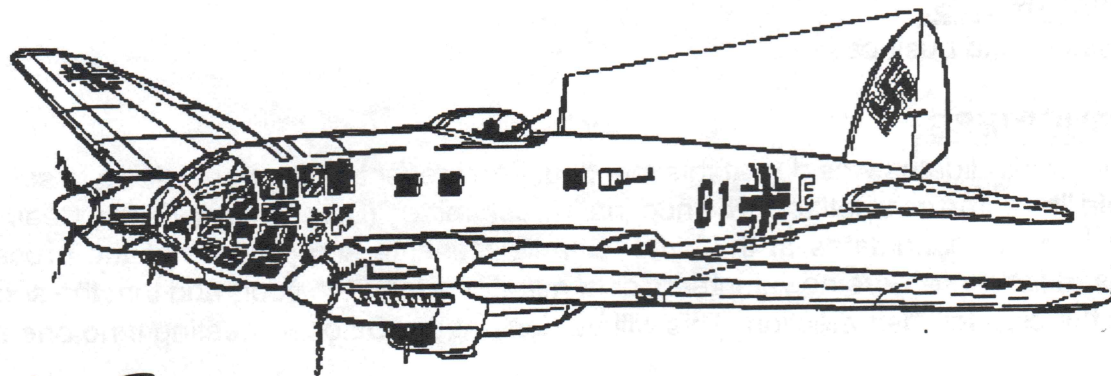
Dick Ferris (2 times)

Joe Carlo (3 times)

Wayne Galbraith

Amy Das

The meeting was adjourned at 9 a.m. and the donation auction followed.



From the Editor:

Dick Russell wanted to extend a ***sincere thanks to all the NCRCC members*** who helped with the recent IMAA Fly-in. He intended to list all those who participated, but we (Editor & Dick) couldn't find a time to collaborate on an article.

The Fly-in was a huge success, due in no small part to your active involvement. Everything from the flightline procedures to the sound system to the "color" announcing went off extremely well, with the only suffering being done by a few landing lights on the runway.

The airport management has invited Mr. Russell and crew back for another event of the same magnitude, and this speaks well for the professional way it was handled.

The success of this event also indicates that the drawing power of certain facets of model aircrafting is quite large - something we might consider as an adjunct to our auction as a major money-raising event. Perhaps a fly-in/demonstration scenario with many aspects of modeling being present.

The "flying wing" (alias Downspouts R Us) seems to be taking hold at the field. Perhaps we should look into making this a winter project - buy a quantity of the little beasts and either build them as part of the meeting or come up with tips and techniques or a beauty contest or whatever!!! It might actually be fun to do something that a large percentage of the membership participates in. We could then run flying wing-specific gatherings at the field - Low fly, combat, limbo, racing, hotdogging, etc.

Please try to send in your renewal dues (use the included form) or bring them to the October meeting.

Apologies for the thinness of this newsletter. I haven't had much time to put into the editing activity due to business demands, so hopefully we'll get Bob Boulais set up to do the next newsletter.

.....NORTHERN
.....CONNECTICUT
.....RADIO
.....CONTROL
.....CLUB



Rudy Roggenkamp, *Treasurer*
198 Elm Hill Road
Vernon, CT 06066

MEMBERSHIP RENEWAL APPLICATION

NCRCC renewal membership fees are due as of October 1 each year. Those wishing to reinstate their membership should forward checks payable to NCRCC to the club treasurer either at the October meeting or by mail to the address above **no later than the November meeting.**

"There shall be no membership status for persons in arrears after the November meeting. Reinstatement shall be in accordance with new membership application."

Name _____	AMA # _____
Street _____	Jr. <input type="checkbox"/> Sr. <input type="checkbox"/> Open <input type="checkbox"/>
City/State _____	
Zip _____ Telephone () _____	Date of Birth _____ (for AMA Verification)
Radio Frequencies _____ (Narrow Band Radios Required)	
Events you are Interested in _____	
Occupation (optional) _____	
Other Hobbies/Interests (optional) _____	

Types of Membership and Dues - Please Check One:

- ☐ **Single Senior Membership** - 17 years old and over **\$24.00 per year** (\$2 per month)
- ☐ **Single Junior Membership** - 16 years old and under **\$12.00 per year** (\$1 per month)
- ☐ **Family Membership** (living at same address or immediate family member under 16 years of age - 1 1/2 the rate of Single Senior Membership) **\$36.00 per year maximum**
Please list Family Members below:

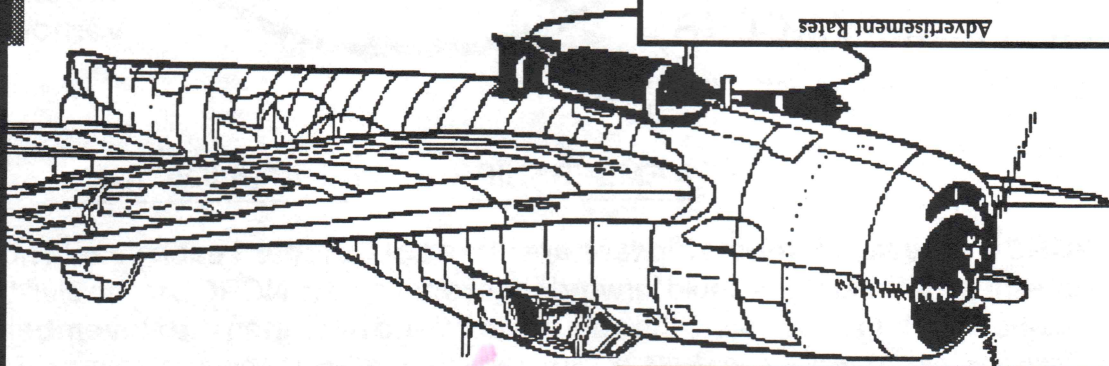
Name _____	AMA# _____
Name _____	AMA# _____
Name _____	AMA# _____
Name _____	AMA# _____

FOR EXECUTIVE COMMITTEE USE ONLY - Officers please check or inform where applicable:

Treasurer <input type="checkbox"/>	Amount of Dues Paid _____	Date Paid _____
Secretary <input type="checkbox"/>	Current Year Club Card Typed <input type="checkbox"/>	Mailed <input type="checkbox"/> Name on Roster Update <input type="checkbox"/>
Newsletter Editor <input type="checkbox"/>	Name on Mailing List <input type="checkbox"/>	

October Meeting
10/14/93
7:30 PM
Knights of Columbus
Windsor Locks, CT

WORKER'S AUCTION !!!



Helicat

- NCRCC Equipment Inventory
(as of 2/11/93)
- 1 - Pair large Horn Speakers
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 - 1 - Microphone
 - 1 - Fire Extinguisher
 - 1 - Radio shack sound system (small)
 - 1 - Amplifier, Speakers, Microphone, Cord, speaker Wires
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Editor:
Irv Thurrott
21 Pine Knob Circle
South Windsor, CT 06074

WILLIAM REID
36 CLEAR ST.
ENFIELD, CT

06082



Northern Connecticut Radio Control Club

November, 1993

Officers:

President: Jessica Thurrott
203-289-1181

Vice President: Bob Leiper
203-649-6690

Secretary: Bobbie Reid
203-749-0816

Treasurer: Rudy
Roggenkamp
203-643-0877

Field Supervisor:
Steve Teerlinck
413-267-9545

Activities Director:
Dick Russell
203-633-8859

Flight Instructors:

Wayne Galbraith: 203-745-3291
Tony Giovanetti: 203-749-3336
Ed Lysaght: 403-739-8029
Mike Okraska: 203-749-3320
Ed Post: 203-741-0253
Don Salerno Sr.: 203-749-9111
Irv Thurrott: 203-644-9040

**This Month's
Newsletter Editor:**
Bob Boulais
How's my driving?
Call (203) 872-7900.

And now,

...a word from our President.

Blah. One port-o-toidie is already gone and the leaves are falling off the trees; winter is definitely here. As we plan for building or hibernation during the winter, however, some of our more illustrious members have been heading south for some tough competition and great finishes. Lloyd Burnham and Ralph Rinaldi showed a championship field how to hug those pylons this past month at the NMPRA Championship in Florida. Ralph was a contest leader at the end of day one, finishing 12th overall, while Lloyd consistently smoked the competition and ended up Fourth in the contest. I heard that Ralph even showed off a few pattern maneuvers mid-race! A big NCRCC congrats to them!

The executive committee will be presenting the new budget at the

November meeting, as well as the new calendar of events. Awards and recognition ceremonies will be at the December meeting.

That's all for now. See you at the meeting.

AGENDA FOR NOV. 1993

1. New Member Acceptance
2. President's Report
3. Secretary's Report
4. Vice President's Report
5. Treasurer's Report
6. Activities Director's Report
7. Field Super / Safety Officer's Report
8. Liason Officer's Report
9. Old Business
10. New Business
-as raised by members
11. Prospective Member
Applications / Introductions
12. Monthly Raffle
13. Door Prize
14. Activity / Entertainment

IMPORTANT NOTICE:

Don't forget your renewal! You must pay by the Nov. meeting or your membership will expire. Do it now so you don't forget!

NEXT MEETING
Nov. 11, 1993
7:30 PM
Knights of Columbus Hall
Windsor Locks, CT

Irv's Swerves '93

by Irv Thurrott

*The sun did not shine.
It was too wet to play.
We should have sat in the house
All that cold, cold, wet day.*

Not heeding that sage advice from the good doctor, seven stalwart swervers (and one swervette) showed up at the NCRCC field on Sunday, October 12th. A steady crosswind blew towards the pits and the temperature seemed to be below zero. Grey clouds scudded across the sky and dampness and misery was everywhere.

Forsaking any semblance of courage the CD drove his car halfway down to the runway in order to judge, presumably to have a "box" (windshield) within which the swervings should occur. Perhaps no one noticed the continuously running heater.

Amazingly, right from the start, many excellent maneuvers were observed. What separated the field were the one or two "clinkers" or forgotten maneuvers that inevitably occurred.

The models flown ranged from top-of-the line pattern machines to landing gear-less Gremlins and everything in between.

Some of the highlights included Steve Dombek flying an incredible "short field" sequence - the judge barely had time to write down the points for each maneuver before Steve was ripping off the next one, Wayne Galbraith going so high overhead that the judge had to put the back of his head on the dashboard and look straight up, and some virtually perfect maneuvers by Mitch Kimball.

At the end of the first round the die had been cast - Mitch Kimball, Mike Kaminski and Jessica Thurrott were leading the way. Bob Leiper, in a display of either timidity or brilliance, decided that the wind was too much and decided to abstain from participating in the second round.

The second round went very smoothly until the final approach of the final flight of the final round. Wayne Galbraith, after making the last turn of his landing approach experienced the dreaded "communion with the leaf-bedecked anti-plane". Even the strong wind could not cause the disengagement of Wayne's plane. He was able to retrieve it a few days later, however. First - Mitch Kimball, Second - Mike Kaminski, Third - Jessica Thurrott.

Round 1

	Mike Kaminski	Bob Kaminski	Bob Leiper	Doug Bond	Steve Dombek	Jess Thurrott	Mitch Kimball	Wayne Galbraith
Takeoff	9	8	8	5	7	8	9	8
Procedure Turn	8	6	7	7	6	7	9	7
1 Roll	6	9	6	8	8	7	8	8
Immelman Turn	6	7	6	7	5	6	7	7
1 Outside Loop	8	7	7	8	6	7	8	7
Reverse Immelman	7	6	6	8	6	7	9	8
Cuban Eight	7	5	5	7	6	8	7	6
Split "S"	8	7	6	7	5	7	8	6
2 Inside Loops	7	6	6	6	6	7	8	7
Stall Turn	7	6	5	5	6	8	6	6
Inverted Flight	7	6	6	8	5	7	8	6
Procedure Turn	7	6	6	5	3	6	6	4
Landing Approach	7	0	7	0	6	7	6	7
Landing	6	8	7	5	6	8	8	5
Total	100	87	88	86	81	100	107	92

Round 2

Takeoff	8	7		4	7	7	8	7
Procedure Turn	8	7		7	6	8	7	7
1 Roll	8	7		8	7	8	7	7
Immelman Turn	7	7		6	7	7	8	3
1 Outside Loop	8	7		7	7	8	9	7
Reverse Immelman	8	7		7	6	7	8	8
Cuban Eight	7	5		6	5	6	8	4
Split "S"	7	2		7	6	6	8	5
2 Inside Loops	8	5		7	5	8	8	4
Stall Turn	9	7		4	6	6	8	6
Inverted Flight	8	6		7	4	7	7	7
Procedure Turn	7	6		6	5	6	8	4
Landing Approach	7	4		7	6	7	8	6
Landing	8	6		6	3	7	5	0
Total	108	83		89	80	98	107	75

Total - 208 170 88 175 161 198 214 167



Spectators at Irv's Swerves contest veiwing Wayne's performance?

(See text on preceding page.)

NMPRA Championship

by Lloyd Burnham

The NMPRA Formula One Championships were held Oct. 16-17 in Valkaria, Fl. Six of our NEPRO guys assaulted the South.

Ralph Rinaldi and Lloyd Burnham proved to be the team to beat. After 6 rounds on Saturday, Ralph had a perfect score - flying 1:09's and 1:10's consistently. Lloyd was down 4 points after cutting out on the third heat but only after beating Gary Hover and Lyle Larson with consecutive 1:07's. Dave Doyle, Pete Reed, Craig Korsen and Stu McAfee had their problems with engines, trees and radio equipment.

Sunday found the headhunters all out gunning for Ralph. At the end of 10 rounds, Ralph dropped to 12th but Lloyd came back up to tie with Bill Hager for fourth.

In the only flyoff, Lloyd jumped to an early lead and Hager cut trying to keep up. Lloyd's bad luck all year didn't go to Florida with him. He didn't even break a prop in 11 heats. He also was the only pilot to beat all the entries including Shadel, Hover, Verano, Greer, Jett, and Norm Johnson and had second fastest time of the meet.

Final finishing order was Gary Hover - first, Rich Verano - second, Dave Shadel - third, Lloyd - fourth, Ralph - 12th, Dave Doyle - 13th.

More Racing News

by Bob Boulais

I'm sure the club joins me in congratulating the following racers on a successful 1993 racing season. Although the following are not all current NCRCC members, many are former members, and those of us who regularly work the races know many of these individuals.

FORMULA ONE

- 1st - Dave Chapdelaine
- 2nd - Dave Doyle
- 3rd - Stu McAfee
- 4th - Pete Reed
- 5th - Craig Korsen

FORMULA ONE STANDARD

- 1st - Jerry Stephen
- 2nd - Fran Mitchell
- 3rd - Lewis Schwab

*(More Racing News
continued on page 5)*

NCRCC Meeting Minutes for October 14, 1993

by Bobbie Reid

The meeting started at 7:45 PM with new member acceptance.

New Members: Robert Spooner and Dan Carbonell.

The minutes as written in the October newsletter were accepted and the motion was seconded.

Vice President: There was nothing to report.

Treasurer: reported our financial status and that the audit committee planned to audit the books when they were closed out for the year. A motion was made to accept the treasurer's report. It was seconded and approved.

Activities Director: Nothing to report.

Report on Irv's Swerves: 9 contestants managed to fly 2 rounds. It was cold and windy. One plane landed in a tree. Winners were 1. Mitch Kimble; 2. Mike Kaminski; 3. Jess Thurrott.

Field Supv. Report: Steve reported that the field is all set for the winter.

Liason Report: Wayne reported there would be no raffle at this meeting because of the Worker's Auction. He had pictures of the Westover meet and Dick Russell had pictures of the IMAA Fly-In for those interested to look at.

Old Business:

Club members were presented the **slate of nominees for 1994 officers**. No other nominations were forthcoming.

The New (old) officers are:

President - Jessica Thurrott	Vice Pres. - Bob Leiper
Secretary - Bobbie Reid	Treas. - R. Roggenkamp
Field Supv. - Steve Teerlink	Liason - Wayne Galbraith
Activity Director - Dick Russell	Asst Liason - Roy Meyer
Library - Nick Lavieri	

Electric Fly: Jess read the club an article which appeared in Model Magazine on the electric fun fly, CD'ed by Ron and Renee Torrito.

Feb. Auction: It's off to a rolling start. Dick Russell is the chairman and a meeting has been held so far. Other committee members are Gil Berg, Roy Meyer, Steve Teerlinck. We're losing the Swap Shop area this year so the auction is being set up a bit differently (Note: nothing is

for sure yet). The Committee suggests we open on Saturday for registration and collect 10% up front. Sales will start on Saturday at the minimum price and what's left over will go to auction on Sunday if the item is valued at \$25 or more. The entrance fee for buyers will cover both days. On Saturday there will be an area for vendors. Dick will send the sanction forms to AMA in October. This event is planned for the first weekend in February in the Enfield Armory.

A discussion on the pros and cons of this arrangement followed. Further discussions will be held at the November meeting.

Be sure to get your 1994 dues in!

New Business

The 10 names from highest points were read for the **Most Active Member** award. The names are:

John Gwozdz	Dick Russell	Tony Giovanetti
Bob Leiper	Wayne Galbraith	Nick Lavieri
Steve Teerlinck	Rudy Roggenkamp	Ed Post
Bob Boulais		

We will vote in November.

'94 Budget: The Executive Committee is being creative with the 1994 budget. It will be presented to the membership at the November meeting.

Irv suggested a **winter project**, perhaps doing something like building Gremlins. Dick Russell will look into pricing. Further news on this will follow.

Jess reminded members to **follow safety rules** at the flying field. Do not launch any type of plane from the pit area. We must walk all the way down to the Pilot Box area.

Irv is looking into reducing the **cost of mailing Newsletters**. Less pages, different postal rates are some of the ideas he is checking out. Bob Boulais will be helping Irv on the Newsletter this year.

\$1,000.73 was spent on prizes for the **Worker's Auction**. Over 100 prizes were purchased.

The meeting broke at 8:25 PM and was followed by the **Worker's Auction**.

Q500 Expert

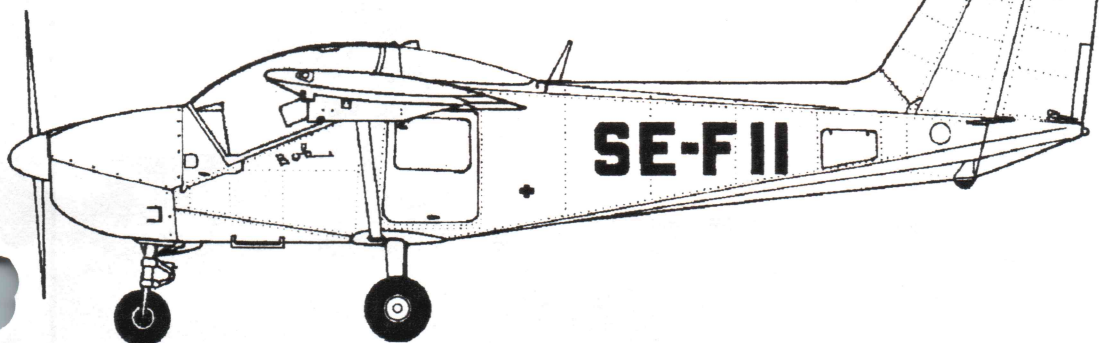
- 1st - Lloyd Burnham
- 2nd - Ralph Rinaldi
- 3rd - Dave Doyle
- 15 - Steve Dombek
- 17 - Kirk Hlavaty
- 18 - Irv Thurrott
- 22 - Jess Thurrott
- 29 - Tony Giovanetti
- 30 - Bob Beaudette
- 32 - Marty Berr
- 34 - Joe Bednarz
- 35 - Steve Pastula
- 37 - Doug Laitinen

Q500 STANDARD

- 1st - Frank Alicandro
- 2nd - Doug Gay
- 3rd - Vance Sutton
- 8 - Bob Davis
- 10 - Doug Laitinen
- 12 - Wayne Galbraith
- 26 - Bud Beaudoin
- 29 - Guy Beaudoin
- 34 - Art Simmons
- 48 - Mike Kaminski

From the Editor

Well, so much for my first edition of the NCRCC newsletter. If you have comments or questions about this Newsletter, feel free to give me a call at 203-872-7900. Irv and I will be rotating editorship duties. Anyone wishing to contribute to the NL may submit articles to either Irv or myself. For Faxing, see instructions on the last page of the NL.



Some Miscellaneous Comments:

In addition to all the racing news shown herein, we also see Lloyd Burnham's smiling face plastered all over the NATS racing coverage. Lloyd pulled a Fourth place finish in F3D Pylon (whatever that is!). Congrats, Lloyd!

While some mamby-pamby wossie flyers (see Jess' column) are ready to mothball their planes and radios for the "winter", there is a regular crew of flyers who will be at the field every weekend for the rest of the year. The fraternity includes Charles Meserve, Al Thresher, Ed Lysaght, John Gwozdz, Dave Brown and a few others. There's not a better time to fly, than on a clear winter day, with six inches of powder on the runway. Strap on a set of skis or pontoons, and let the fun begin. Or even better yet, get out when the snowflakes are falling!! It's more fun than flying off the water. Not only do the engines like the cool, crisp air, but there's lots of lift for what might in other seasons be marginal aircraft! Try it, you'll like it. The secret is to dress warm. It's easy to peel off a layer or two; but if you get cold, it's not as easy to warm up again. And, unless you have 4WD or you're very daring like Charlie or Al, respect the mud bog leading up to the field! It will be worth the trouble, and Charlie tells some great jokes around the fire barrel!

On another front, you'll recall that Keith Hayden usually coordinates the Annual Worker's Auction. He was unable to do so this year because he was going under the surgeon's knife for some rather major surgery. I'm happy to report that Keith's speedy recovery amazed the doctors, and we hope to see him at the field or at a meeting soon. I also understand the lobotomy was a success. He'll re-assume his worker's auction coordinator role for next year.

-R.W.B.

Can you Name this Plane?

I have a Tower Hobbies Gift Certificate for the first NCRCC member to correctly identify the aircraft in this picture.

The answer is based strictly on my documentation. You must identify both the make and model. Phone or mail your answers to Bob Boulais. Answers sent to the wrong editor will **NOT** be counted! My number is 872-7900.

FAXing Newsletter Items to Irv

- 1) Type should be at least 12 point.
- 2) Don't worry too much about format
(Tabs, underlining, bold, etc.)
- 3) Set your FAX machine to "Fine."
- 4) Call Irv first at 644-9040 so FAX can be
set up to receive.

Advertisement Rates

Advertisements printed in the NCRCC News-
letter will be charged at the following rates:

Non Commercial Ads

Members - **FREE**

Non-Members - \$1.00/issue

Commercial Ads

1/4 Page - \$3.00

1/2 Page - \$5.00

Full Page - \$8.00

NCRCC Equipment Inventory (as of 2-11-93)

- 1 -Pair Large Horn Speakers
- 1 - Amplifier
- 1 - Microphone

- 1 - Fire Extinguisher

- 1 - Radio shack sound system (small)
Amplifier, Speakers, Microphone, cord,
speaker wires

- 1 - Box Plastic Badge Holders

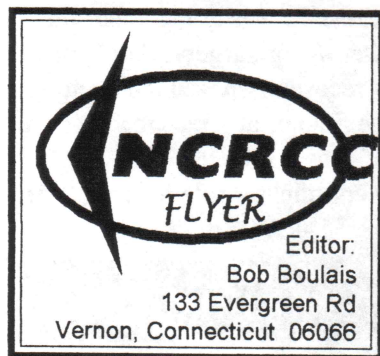
- 1 - Box Markers, Tapes, etc.

- 1 - Box Auction Records

- 1 - Box Auction Tags (large)

- 1 - Box Wooden Award Plaques

- 1 - NCRCC Sign (for Phone Pole)



WILLIAM REID

BOBBIE REID
36 CLEAR ST.
ENFIELD, CT

06082

FIRST CLASS MAIL

NCRCC Meeting Minutes, 11/11/93

by Renee Torrito

The meeting was called to order at 7:35 P.M. by President Jessica Thurrott.

There were no new members in attendance, hence none were voted in.

Discussion followed concerning the Awards and Recognition activities that are to take place at the December meeting: Jess doublechecked details, but still needs a complete list of all the Solo Flight recipients as well as the Most Active voting slips.

Due to Bobbie Reid's absence there was no secretary's report. The minutes, as written in the Newsletter, were accepted.

Our affable Vice President was also "in absentia", so no VP's report was given.

Rudy reported that \$42.86 in cash was discovered and reconciled. The books for 1993 have been Audited and Accepted.

Dick Russell then held sway, reporting that there seemed to be some interest in "Gremlin activities". It was suggested that an all-Gremlin Race might be held on the same day as the Hickton Fun Fly (Perhaps we could use the trees and shrubs as pylons, as many are observed flying that "course". Ed.).

Dick also talked about the upcoming NCRCC Auction:

- A letter has been distributed describing the rules.
- 2 Day Event, February 5th and 6th
- Saturday - Swapshop only
- Sunday - Auction, plus smaller Swapshop
- Needs help - 2 computers, 286 or better, considering networking software (any volunteers?)
- Needs - copy service, printing service, 2 days worth of volunteers (runners, registration personnel, data entry, clean-up, kitchen, security). Call Dick.
- New Rules:

Items < \$35 go in Swapshop
Incomplete Items go in Swapshop
Completed Items > \$35 go in Auction
Can designate "Auction Only"
10% of minimum bid collected at registration
Nothing sold under minimum bid
\$4 Admission covers both days (hand stamp)

The tables and chairs will be delivered on Friday.
May set up kitchen on Friday.
Raffle prizes, Saturday - 2 Four Channel Radios,
Sunday - 2 Six Channel Radios.
Hope to be able to accept MC/Visa, Check, Cash.

Dick would like feedback on his plans.

Steve Teerlinck reported that the field is in great shape and that the tractor is at Doug's. Wayne Galbraith suggested that motor oil be put on the mowers.

An Astro Hog and Shark were donated by Doug and Danny as raffle prizes, also a gift certificate was donated by Bob Davis of Davis Hobbies.

Old Business:

Rudy ran out of Renewal Forms (he'll take a check without a form).

New Business:

Jess discussed the new 1994 Budget line-by-line.

The field rent is paid thru June, explained the Auction startup money.

The Auction food and Workers food was discussed (Meal Tickets were suggested). Food sales accounted for 50% of last year's profits.

No bank fees for NCRCC Accounts.

The budget was voted on and accepted (all approved).

Prospective Members:

Kevin Sear, who found out about our club through Davis Hobbies.

Raffle winners:

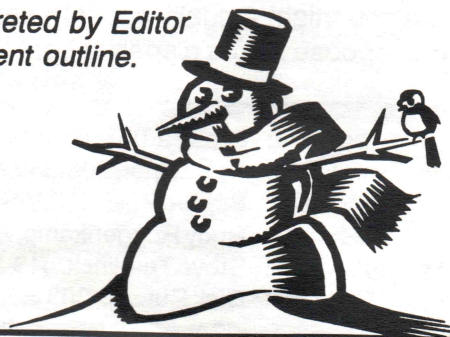
Astro Hog - Linwood Clark
Mako Shark - Bob Spooner
\$10 Gift Certificate - Nick Lavieri

Activity:

Bob Wallace spoke about his trip to Russia.

Adjournment

*Minutes interpreted by Editor
from an excellent outline.*



December 1993



..... NORTHERN
..... CONNECTICUT
..... RADIO
..... CONTROL
..... CLUB

PresBits..... by Jess Thurrott

As the holiday season begins, many people take time to reflect over the year and give thanks. At NCRCC, we will take time out at the December meeting to thank our friends who have worked especially hard for the club this year.

Let's also take time this season to remember our friends whom we have lost this year and those far away.

If you make it out to the field this winter, take a minute to stand on the land and remember: it is not ours. That's actually a difficult concept to grasp. We've been there so long and shared so many good times there that it seems to be an accepted part of our lives. Take a ride out to the field and fly a flight. But we can't take it for granted anymore. The Friedmans' were very generous in their negotiations to allow us to continue renting the field. If they get a better offer, however, why shouldn't they take it?

We have got to motivate to bring more revenue into the auction and build our field acquisition fund. Let's work together to insure that we will always have a place to fly.

This commitment should carry over into all areas of the budget. Contest directors should be looking to make a profit or break even. The newsletter may be a page or two shorter now and then. Any little savings may be necessary if it comes time to purchase a field.

To bring a little holiday cheer to the December meeting, join in the first ever NCRCC Christmas food bag: the first "grab" bag where you might actually get something you want! If you or your spouse bakes a special treat this time of year,

why not bring a sample to share? We'll skip the donuts for some homemade goodies this month.

I hope that everyone has a terrific holiday season.

See you at the meeting.

Jess

NCRCC MEETING AGENDA FOR 12/9/93

1. NEW MEMBER ACCEPTANCE
2. PRESIDENT'S REPORT
3. SECRETARY'S REPORT
4. VICE PRESIDENT'S REPORT
5. TREASURER'S REPORT
6. ACTIVITIES DIRECTOR'S REPORT
7. FIELD SUPERVISOR/SAFETY OFFICER'S REPORT
8. LIASON OFFICER'S REPORT
9. OLD BUSINESS
10. NEW BUSINESS
as raised by members
11. PROSPECTIVE MEMBER APPLICATIONS/INTRODUCTIONS
Kevin Sear
12. MONTHLY RAFFLE
13. DOOR PRIZE
None Planned
14. ACTIVITY/ENTERTAINMENT
Recognition and Awards

President: Jessica Thurrott, 203-289-1181

Vice President: Bob Leiper, 203-649-6690

Secretary: Bobbie Reid, 203-749-0816

Treasurer: Rudy Roggenkamp, 203-643-0877

Field Supervisor: Steve Teerlinck, 413-267-9545

Activities Director: Dick Russell, 203-633-8859

Newsletter Editor: Irv Thurrott, 203-644-9040

Library: Nick Lavieri, 203-668-4825

Flight Instructors:

Wayne Galbraith, 203-745-3291

Tony Giovanetti, 203-749-3336

Ed Lysaght, 413-739-8029

Mike Okraska, 203-749-3320

Ed Post, 203-741-0253

Don Salerno (SR.), 203-749-9111

Irv Thurrott, 203-644-9040

Retrieving Models from trees:
Mountain Tree Service
Barry Dolby
749-7365



Bring a few "food goodies" to the meeting.
The Executive Committee will be supplying treats, also.

Christmas List Suggestions:

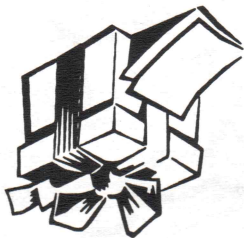
- Uber Skiver knife set
- Ryobi Jig Saw
- Machinist's Right Angle
- Top Flite Prop Balancer
- Ace Add-A-Trickle
- Harry Higley How-to Books
- 4" Belt/6" Disc Sander (benchtop)
- Tap and Die Set
- Long-nose Plier set
- Higley Hex Wrench set
- Box single edge razor blades
- Face mask with vapor cannisters

From Model Airplane News, January, 1994

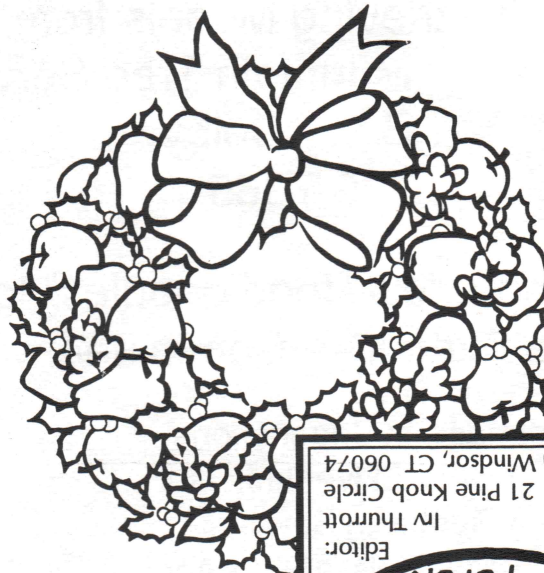
WHY IT GOES SO FAST Subject: Mike Arnold's speed-record setting AR-5, and how he did it. Source: The Arnold Co., 5960 S. Land Park Dr. #361, Sacramento, CA 95822. Summary: One of the most interesting videos yet clear, helpful, fascinating. List price: \$399.95 Approximate length: 73 minutes Aviation has had many "holy grails": the first powered flight, the first solo crossing of the Atlantic, the first faster-than-the-speed-of-sound flight, the first round-the-world flight, the first "unrefueled" around-the-world flight, and so on. Another objective has been the creation of a piloted airplane with less drag than a 1-foot-square object (like a large floor tile) held flat to the wind. If such a plane could be built, it should be able to go 200mph on a tiny, 65hp engine. For comparison, 65 horses dragged the Piper Cub J4-A into the air and, on a good day when the stopwatch was running a tad slowly, to a top speed of about 100mph. This video recounts the story of how Mike Arnold, no rocket scientist but an experienced airplane builder who isn't afraid to do his homework, inadvertently achieved that goal. He was actually on a different quest: the world speed record for planes weighing less than 661 pounds (300 kilograms), all-up weight. His AR-5, fueled and with the pilot aboard, scaled out at 660.2 pounds. There's nothing revolutionary about the AR-5's design: it is a conventional tail-dragger with (surprise) fixed landing gear. It doesn't even have a spinner to cover the large, round opening at the front; it did, initially, but removing the spinner didn't slow the plane down at all. What is special about the AR-5 is its superb craftsmanship and the attention to detail Arnold applied to nearly every possible source of drag. This is where the tape is especially valuable to model designers and builders: Arnold and aero-dynamics expert Bruce Carmichael explain exactly what was done and why in an extremely clear and non-technical manner that we can all learn from. Arnold gives a great deal of credit to books—often, the very same books we modelers have relied on and loved for years, including Abbot and von Doenhoff's "Theory of Wing Sections" (available in an inexpensive Dover edition) and Hoerner's classic and very-easy-to-apply book with the scary title, "Fluid Dynamic Drag." Fascinating sub-plots abound: the weatherwise preparation (test flights showed that the plane was fastest when the air temperature was 75 degrees Fahrenheit.); worrisome clouds of insects and the blizzard of paperwork. We are given lots of details: the coefficient of drag for a P-51 in racing trim is about .0040, but the AR-5 manages .0038. Gliders can do better, but they don't have an engine to cool. The script for the tape is well-organized, and everything is presented in a logical, coherent way. This is no fancy production—a few titles clarify and add detail as necessary—but the content more than carries the day. Besides its educational value, the tape is fun to watch, and we cheer with Mike's friends as the data is compiled and he announces a world speed record of over 213mph! This tape is highly recommended and a must-see for designers and racers. I loved it; so did my 9-year-old son; and I think you will, too. A second tape in the series (\$49.95; both for \$79.90), not reviewed here, discusses the structural design and the foam-and-fiberglass "moldless" construction process used to make the AR-5.

Gifts of the Season (Some ways to spread Modeling and Holiday Cheer)

- Buy a subscription to Model Aviation for your local school system
- Offer to give a talk on modeling at a local school
- Donate a model-related videotape to your local library
- Donate balsa scraps, trim Monokote, etc. to a school art department
- Make model aircraft Christmas tree ornaments
- Put Red and Green lights on your plane and go fly with Charlie and Al



Happy Holidays



06082

BOBBIE REID
36 CLEAR ST.
ENFIELD, CT



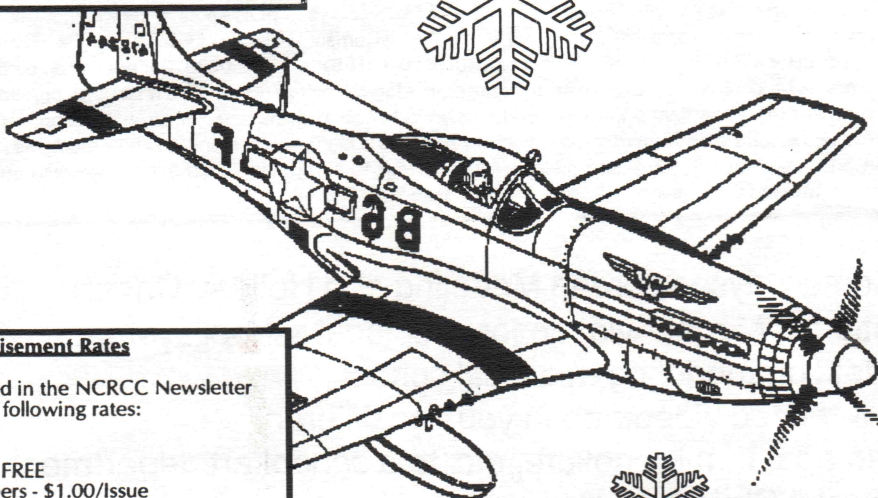
Editor:
In Thurott
21 Pine Knob Circle
South Windsor, CT 06074



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Mustang



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December Meeting
12/9/93
7:30 PM
Knights of Columbus
Windsor Locks, CT