



February  
1998

## Radio Control Club of Rochester

DEDICATED TO RESPONSIBLE R/C FUN  
SAFETY BY CHOICE NOT BY CHANCE



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The purpose of the Radio Control Club of Rochester is to aid and encourage the interest of the members in design, construction and safe operation of model aircraft, boats, and cars, -- in particular, radio-controlled models -- so we can all enjoy the pleasures and satisfaction these hobbies bring.

All Visitors are always welcome at the field and at regular meetings  
RCCR meetings are held every second and fourth Wednesday of the month  
at the Salem church, 60 Bittner St., just east of the Inner Loop exit at St. Paul Street.

### Club dues are due by March 1

Have you renewed your AMA membership?

It is not legal to fly at the fields without your 1998 insurance after  
December 31, 1997.

### FEBRUARY MEETINGS

at the Salem Church

Wednesday, February 11, 7:30 p.m.

Wednesday, February 25, 7:30 p.m.

### TUESDAY SUNSET

Brockport  
Monroe County  
New York  
Longitude W77.9  
Latitude N43.2  
02/03/98 5:27 p.m.  
02/10/98 5:36 p.m.  
02/17/98 5:45 p.m.  
02/24/98 5:54 p.m.

FOR THE  
LATEST INFO  
CHECK THE  
RCCR  
HOTLINE

**FIX-RCCR**  
**349-7227**

RCCR ROAST Mid-Winter party

Saturday February 21  
6:30 PM Cocktails  
7:30 PM (Sharp) Dinner

Waver's Party House  
31 Paul Road



Trevor Ewell

# Notes from the prez

We have had a very good attendance at our January meetings. Show and Tell has been interesting with displays of gliders, trainers, gadgets, and shipping/carrying boxes.

Todd Sheehan talked about slope soaring. Field conditions were reported. And we've seen slides of Smithsonian Air & Space, museum and workshops.

At the next meeting, Wednesday, February 11, Stan Teachman will show a rare movie of World War I German aircraft manufacturing factories in action.

Northampton Park field is a great place to winter fly. Park outside the west gate off Sweden-Walker Road, and bring equipment in on a plastic sled like kids use. Please remember to fly east of the orange flag which is at the west end of the field. Also please remember to stay to the north of the field.

Remember our Jdes of March picnic is coming up at Knollwood Lodge at Northampton Park on Sunday March 15. Bring what you want to eat. We'll eat around 1:00 PM. Save the date.

Also in March we are having a model airplane display at the Greece Ridge Center Mall - March 28 & 29. Bring a plane to show and earn work credit against 1999 dues.

Our budget for this year shows \$2,000 for field maintenance and improvements. We appreciate paying dues promptly. If you include \$5 or \$10 over your work credit adjusted dues, it will help us improve the field that much faster.

Get to building! Trev

## CLUB VIDEOS by Jerry Joseph

Here is a list of the videos that are available in the RCCR Library. If you desire to checkout a video, give Jerry a call at 244-1981, and he will make arrangements to get it to you.

Air Show 6/2/90	NA 6	RCCR Scale Rally & Fun Fly	1988
Attack Carrier Trilogy	NF 683	S-T-A-R-S Meet 7/11/92	
Aviation Heritage, Part I	NF 696	Shoot to Live Rear Gunner	BA 18
Aviation Heritage, Part II	BA 29	Story of Naval Aviation, Attack Carrier	NA 27
B29, A Plane for a Mission		Striking Back, Byron Air Show	
Battle of Britain		Tailspin Tommy, "Stunt Pilot"	
Down to the Wire, Wings of Eagles/Gold	NA 34	The Navy Flies On	NA57
Flying the AH-IG Cobra Gunship		Threshold, The Blue Angels	
Fun & Float Fly; RCCR & Glider & Combat	1995	Vintage Wings	
Kamikaze	CB 12	Warbird Checkout Series	RS 7
Mighty Warbirds		Warbird Checkout Series	RS 9
Naval Aviation Action, Part 1&2	BA 62	Warbird Checkout Series	RS 17
Proficient Flying, Volume 1		Warbird Checkout Series B 17	RS 10
Proficient Flying, Volume 2		Warbird Checkout Series T-6/SNJ	RS 14
R/C Video Magazine Volume 3		Warbird Checkout Series T-6/SNJ	RS 15
R/C Video Magazine Volume 4		Wide World of Flying	
R/C Video Magazine Volume 5			
R/C Video Magazine Volume 6			

## RCCR ONLINE

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Todd Sheehan	76455.107@compuserve.com
Stan Teachman	models.prints@juno.com
Paul and Matthew Weigand	weigand@frontiernet.net

## RCCR WEB PAGE

[www.frontiernet.net/~airflow](http://www.frontiernet.net/~airflow)

AMA District II Web Site  
[www.amadistrictii.org](http://www.amadistrictii.org)

WEIGAND HOME PAGE  
[www.frontiernet.net](http://www.frontiernet.net)

MATT MAIR  
<http://www.dwc.edu/users/mmair/index.html>

# Seasons Greetings



From Matthew and Paul Weigand

That's right ! it's the middle of Winter.....!

The new model is coming along well.

But the flying weather is lousy !

You want to get out of the house,

and have a little **FUN !**

Then come to the R.C.C.R. Mid-Winter Party and Roast.

It's a Blast.....!

It's on Saturday night February 21st

6:30 PM Cocktails

7:30 PM (sharp) Dinner

At Waver's Party House

31 Paul Rd. just off Scottsville Rd.

Only \$16 per person !

There will be door prizes for the ladies and lots of fun for everyone, so come on and join the gang for a few laughs

And a good time.

If we didn't have a good time.....we wouldn't have done this for the Past 22 years.....!

Please fill out and send the following form to:

Or call me at 621-8524

Please, no later than Feb. 15th

Paul Weigand

283 Strathmore Rd.

Rochester, NY 14612

\*Please make checks payable to The R.C.C.R

Name \_\_\_\_\_

Name of spouse or guest \_\_\_\_\_

Total number in party \_\_\_\_\_ Amount inclosed\* \_\_\_\_\_

**Lube Job** by Clarence Lee Many of the model fuel manufacturers have been reducing the oil content of the fuels from standard previous practice and the result is engine problems and, in many cases, burned up engines. The pilots often aggravate the situation by over-leaning the engine to try and get the last bit of power. The content of lubricant in a gallon of fuel has dropped from a prior 22-25% down to about 18%, and even to a low of 12%. There is a school of thought that certain synthetic oils with their superior qualities will still properly lube an engine. This is usually not true. If you are on the rich side of the power curve, a little less oil may not be a problem, but if you give it a few clicks leaner, you will be looking at serious damage. The best advice for sport or pattern flying is to find fuel that has not less than 20-22% lubricant, and preferably with a blend of synthetic and castor oil. Although ABC type engines are somewhat more tolerant than ringed or lapped engines, don't forget that it is the oil in the fuel that carries away a lot of the heat.

**Bubble, Bubble** by Don Lowe We often wonder why our engines set so erratically, lean out in flight, and die. If there are visible bubbles in the fuel feed line, or you can see frothing in the tank, then that's your clue. Using rubber engine mounts is a great help, but the best way is to set the tank in a batch of soft foam rubber, as softly as possible. Properly set up, you should almost never have to re-adjust your needle valve between flights.

**Backplate Shimmy** To tighten a metal spinner backplate that fits the shaft too loosely, use a center punch to make a few punch marks around the shaft hole. This usually pushes the metal inward enough to take up a few thousandths of an inch clearance.

**Magic Material** Alert club member WH brings this new (?) material to your attention. It is called Celastic and is best obtained from Sig Manufacturing Co. It feels and looks like a sheet of cardboard, but goes limp like wet silk when dipped in butyrate thinner. You can form this adhesive coated material around any kind of curve and it dries stiff and hard in a short time, ready to sand or paint. There are many uses for it, but the most common are for air ducting scoops, fillets around wings and tails, or reinforcements for wings, landing gear, or other neeedy places. It even works for a handy field repair. all from The Beacon, Joe Bachman, Editor, 1134 San Ricardo Ct., Solana Beach, CA 92075

**Builder's Hint** by Martin R. Timm Lately I've been noticing more and more planes sporting "Sky Sheen," a strip of reflective metalized tape that is placed on the leading edges of the wing. On sunny days, a plane equipped with this tape becomes highly visible, because the tape catches the sun's rays and flashes brilliantly. You can get this tape through Northeast Sailplane Products at \$2.50 for a 4 foot roll (enough for one plane). A better bargain, however, would be to go to your local auto parts store (I went to Parts America) and get the same thing in a 25 foot roll (enough for 3-5 planes) for \$4.50. from Clarence Silent Flyair, Erik A Rash, Editor 336 West Avenue, Lockport, NY 14094

**Another Way** A tip was published in a previous AMA Newsletter suggesting a product called "Aurora" plastic windshield cleaner and polisher for removing scratches from canopies. Howard Pascoe, editor of the Endless Mountains R/C Flying Club newsletter, South Montrose, PA, suggests the following: Here's a trick I learned in my motorcycle days. When I needed to take the scratches out of my helmet, I'd just go to the grocery store and purchase a bottle of Pledge. It does a wonderful job and will last for a long time. Apparently the silicone imbeds in the scratches and makes it look almost like new.

**Another Cleaner** I didn't believe it when I first read it. Maybe I'm just too suspicious. What I read was just another modeler's brew for cleaning airplanes. What made me skeptical was the fact that it didn't match MINE! For years I've been using a mixture of Windex, non-sudsing ammonia and just a touch of clear dishwashing detergent. This has always worked for me and really came in handy when my son stuck my daughter's shoes in the broiler. My poor unsuspecting wife turned on the stove and covered everything with greasy black soot that all her household cleaners wouldn't cut. But MY cleaner went right through it, so of course I was suspicious of this guy's stuff. He called out for mostly windshield washer fluid and a touch of granular automatic dishwasher detergent. I used too much detergent the first time and none of my squirt bottles would suck it up. It appears that about 1/4 teaspoon in a 20 ounce squirt bottle filled with regular automobile windshield washer fluid works well. I sprayed this stuff on my greasy, slimy airplane, then walked back to my car for a paper towel. I was only gone a few moments but when I got back ALL of the grease and slime had broken up and easily wiped off. My old stuff isn't that good because you had to wipe really hard. I usually tried wiping off the thick goo before applying the cleaner. Not necessary with this stuff. Spray it on and wait a second. Don't believe me? Well find me at the field next time and try some. You'll be making up your own in no time. Washer fluid is cheap, lots cheaper than Windex and you can steal a 1/4 teaspoon of Cascade from your wife. (Don't volunteer to start the dishes though, or she'll know something's up!) from Northland Flyer, William Crane, Editor 6280 N.W. 49th, Parkville, MO 64151

**Heat, Dead Batteries or Polarization?** My stopwatch was laying face up in the hot sun and I noticed the display had turned completely black and unreadable. Later, out of direct sun, it seemed to recover from the heat. We never had this problem with a mechanical watch! Then a couple of months later my tachometer was impossible to read unless I twisted it just so. Someone suggested new batteries and I cringed, having replaced a set recently at a cost of almost half the tach itself. It finally dawned on me that I was wearing polarized sunglasses and the tach lens must be polarized. By rotating the tach about 45 degrees vertical, I could make the display turn black and unreadable. Same with my stopwatch. Two polarized lenses will do that. Odd thing is that the sunglasses and the instrument lenses seem to be polarized at a 45 degree angle rather than horizontally/vertically as I've noticed in the past. from The Society of Antique Modelers, SAM 26 Bob Angel, Editor 1001 Patterson Rd., Santa Maria, CA 93455

## The Lighter Side

- Law of Probability Dispersal: whatever it is that hits the fan will not be evenly distributed.
- Never express yourself more clearly than you are able to think. —Neils Bohr
- On the other hand, you have different fingers.
- Never explain. Your friends do not need it and your enemies will not believe you anyway—Ebert Hubbard
- The quality of your landings is inversely proportional to the number of people watching you!
- He who laughs last, thinks slowest!

## From the Internet, World Wide Web.

from: Weigand <weigand@frontiernet.net>

I logged on to Boca Bearing and found they have complete listings of bearings for all model airplane engines, with not only the part numbers but dimensions as well. Now you can find the size of bearings in your engine without taking them out and measuring them. Their E mail address is: <http://www.bocabearings.com> It's a great reference for those of us that repair our own engines. They also have a new after run oil that can be added to your fuel (3 or 4 drops per gallon) which will permanently coat the bearings and protect them from moisture. They recommend it highly for water flying.

**District II Message Board** [http://www.amadistrictii.org/board\\_frm.htm](http://www.amadistrictii.org/board_frm.htm)

Ask a question, look for help, voice an opinion, start a discussion, sell a kit or engine..... Use this area for any AMA/modeling related topic. The "POSTED MESSAGES" frame shows the titles of all messages posted to the board. Selecting a title will cause the corresponding message to be loaded into this frame. You may also: Post a new message (starting a new thread) . Search the messages for a word or pattern In addition, each message has links to let you reply to it (continue the thread) and navigate the message board.

**RCCR member Matt Mair** <http://www.dwc.edu/users/mmair/Index.html>

I am a flight student at Daniel Webster College in Nashua, NH. I am just completing my first semester here and I would like to show you some of the planes that I will fly.

The Aviation Flight Operations program leads to the bachelor of science degree and combines general academic preparation and professional pilot education, with flexibility for additional study in aviation management, business management, or other fields. It is designed to prepare students for employment as professional pilots and for leadership roles in a variety of flight operations settings, or for enrollment in an appropriate masters degree program.

The Daniel Webster College Professional Pilot Education Course is a key component of the Aviation Flight Operations program. The course consists of a sequence of required flight practicums, correlated with associated classroom courses. Each course is based upon mastery of critical flying skills, aeronautical knowledge and the development and seasoning of pilot judgement through progressively more challenging "Line-Oriented Flight Training (LOFT)" tasks and missions, conducted in a mix of uniquely capable instructional aircraft and advanced flight simulators. Daniel Webster College holds Federal Aviation Administration (FAA) Air Agency Certificate #LT8S306Q as an approved pilot school, and operates its flight instructional course under Part 141 and Part 61 of the Federal Aviation Regulations. Students completing these courses qualify for pilot certificates and ratings issued by the FAA.



Mooney M20S



CAP 10

### FOR SALE by Art Terenzi 716-247-4289

Engine OS.91 with muffler \$150 or best offer.

Michelin light-truck all-weather tires, size 235-75-15, with white lettering.

(These are new tires. Set of 4 has less than 10 miles) \$75 each.

Nordic Track treadmill, non-motorized, computer controlled. \$275.

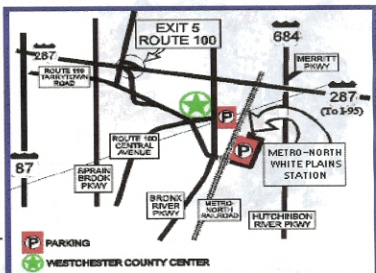
# WRAM

30th Annual WRAM Show  
February 27 - March 1, 1998



Where: Westchester County Center, White Plains, New York.  
Show Dates: Friday, February 27, 1998: 10:00 am to 5:00 pm.  
Saturday, February 28, 1998: 10:00 am to 6:00 pm  
Sunday, March 1, 1998: 10:00 am to 4:00 pm

Booth Fees:  
\$325.00 per booth prior to November 15, 1997  
\$350.00 per booth after November 15, 1997  
Public Admission:  
Adults \$7 on Friday, \$8 on Saturday and Sunday  
Children \$3 Under 6 Free



Punxsutawney, PA, Feb. 2 —Brrrrr! The world's most famous groundhog saw his shadow at dawn this morning.

If you're a believer in ancient folklore or just like to party, the message is the same: six more weeks of ice and snow. The prediction prompted boos from the crowd of at least 15,000 that had been whooping it up for much of the night in a patch of central Pennsylvania woods. "As El Nino approaches our western shore and changes the weather patterns, I see my shadow. There will be six more weeks of winter," said Bill Cooper, president of the Inner Circle of Punxsutawney's Groundhog Club, speaking for the pudgy woodchuck after pulling him from his artificial tree stump.



## R.C.C.R. Meeting Minutes : 1/14/98 by Greg Pszyk

**Officers Present :** Trevor Ewell, Pete Durante, Phil Slater, Jerry Joseph, and Greg Pszyk

**First Time Visitors :** Keith Blair and son Alex, Joe Summers

**Second Time Visitors :** None

**Membership Update :** 29 so far this year (last year 1997 - 125)

**Treasurer's Report :** read and accepted

**Old Business :** Jerry Joseph has a Airtronics servo that will be awarded at the next Glider Meet. Trevor has a charger that will be either raffled or awarded later. Larry Logory has the battery and tarp from Bolling Field.

**New Business :** Field conditions have held up excellently so far at Bolling Field. The Mall Show details are still being worked out. The club voted to maintain the voice mailbox that we currently have at a small fee. A Contest Calendar is in the works.

**Show & Tell :** Trevor brought in a rubber stamps catalog of aircraft for letterheads and envelopes. Greg Kesel brought in his shipping box for carrying his RC equipment while he travels. See Greg for the details on design and construction. Paul Weigand brought in his twin electric powered 1.5 oz. Free flight airplanes and custom foam carrying case. Jerry Joseph and Dave Hoffmann both brought in samples of light weight paper tubes and different construction techniques. Bob Horn also showed us an airplane balancer he made and how easy it is to adjust for different planes. Don Steeb brought in an ultra small servo that he received for Christmas that he plans on installing in a project he is working on. Joe Summers brought in the fuselage framework to a Piper Cub he is building. **Jerry Joseph won the \$50 Show and Tell raffle for 1997.**

**50/50 raffle :** Dave Hoffmann

**Program :** Jerry Joseph put on a slide presentation.

## Coming Events

**Feb 8 - Lockport, NY (E) 1998 Annual Auction.** Site: FOE Hall, 6614 Lincoln Ave, 1.5 mi E of transit Rt 78. For info: Ernie Nickodom, 407 Willow St Lockport, NY 14094 PH:716-434-8350. Door prizes & refreshments, admission \$3, ladies and children under 12 free.

Sponsor: NIAGARA CO RADIO MODEL FLYING CLUB

**Feb 11 - rccr meeting 7:30 PM** at Salem Church. WWI German manufacturing, presented by Stan Teachman

**Feb 21 - rccr annual Winter Party and Roast.** Please call Paul Weigand 621-8524 and let him know of your candidates for awards. It would be appreciated if you fill out the Roast form, in this newsletter, and send it to Paul before Feb. 15.

**Feb 25 - rccr meeting 7:30 PM** at Salem Church.

**Mar 7 - Here's the big news for District II indoor fliers:** The Western NY Free Flight Society and the Flying Aces Club are co-sponsoring an indoor contest AMA Category IV at the Ralph C. Wilson, Jr. Fieldhouse near Orchard, Park, NY, on Saturday, March 7, from 9 a.m. to 5 p.m. This impressive building is the practice facility of the Buffalo Bills, and has a ceiling height of 128' with a floor area measuring 200' x 400' carpeted with synthetic turf. It is truly a premiere indoor flying site.

AMA events will be: Easy B, Mini Stick, Intermediate Stick, Limited Pennyplane, and Bostonian.

There will be eight Flying Aces events: FAC Scale, Peanut Scale, No-Cal Scale (5 gram minimum weight), FAC Power Scale, Dime Scale (new '98 rules), Golden Age, and two mass launch events: WW II, and Greve/Thompson raceplanes combined. In addition, there will be a special unlimited electric duration event.

Entry fee will be a flat \$20.

An official contest brochure will be available shortly. This will be an AMA sanctioned meet.

Bob Clemens RClemens@compuserve.com (716) 392-3346

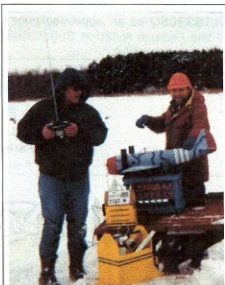
**Mar 15 - rccr Ides of March annual picnic, noon.** Bring your main course and a dish to pass. Club furnishes pop and fire.

**Mar 28, 29 - rccr Mall Show** at Greece Ridge Center Mall. Bring a show & tell. Details in March newsletter.

## Past Events

Bolling Club Field, New Year's Day, 1998, five daring young men gathered to usher in the new year of Radio Control flying. Dave Hoffmann was the first to arrive, and was sledding at the entrance, busily making a path for his vehicle. Bob McClure and Dave began walking the road to determine the depth of snow, which proved to be up to a foot or so. Jim Warner drove to the field and back, making the path more driveable. Phil Slater and Mike Hausner arrived shortly. Jim was first up, rising on skis with a small tail wheel. Next was a trouble-free hand-launched event by Mike. Bob tried three times to get a taxi run on tricycle skis, when he realized that more engineering tests would be needed to configure the ski gear in order to correct

the angle of attack. Dave made a short takeoff, did some glorious maneuvers, landed and then nosed over near the flight line. After Jim and Mike made a few more flights, the wind started some heavy gusting, and the flightline shut down. Bob heated and passed around some chili, which was well received. After another hour of joke telling, the crew called it quits, with silent promises to keep 'em flying for the next twelve months. Jim Warner has suggested that we should think about having a chili contest 1999 New Year's Day. I'll be there, and so will the winner of the first RCCR Chili Contest.



Phil's combat Thunderbolt finally started, was hand-launched by Jim, but Phil's first turnaround maneuver was performed below altitude and ended violently in the heavy powder. (Maybe 1999 will prove to be more peaceful.)

## Fall Picnic -

Fortieth Anniversary  
Sunday October 5, 1997  
Northampton Park Ski Lodge

