



ebruary

Radio Control Club of Rochester



President JERRY JOSEPH 716-244-1981 Secretary THOMAS VAY 716-426-7896 Treasurer PETE DURANTE 716-225-7394 VP Membership JOE SOMERS 716-594-0319 VP Programs PHIL EVANS 716-392-3333 VP Programs BURKE OPPENHEIMER 716-248-0898

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

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 Inner loop exit at St. Paul St.

FOR THE LATEST INFO. CHECK THE

RCCR HOTLINE: FIX-RCCR 349-7227

EVENTS SCHEDULE

SS Jan 23-24 AGS 16th Annual Oakdale Mall Show

Wed Jan 27 RCCR Meeting 7:30 pm at the Salem Church

Wed Feb 10 RCCR Meeting 7:30 pm at the Salem Church

Sat Feb 13 RCCR Mid-Winter Party and Roast at Waver's Party House.

Wed Feb 24 RCCR Meeting 7:30 pm at the Salem Church

Feb 26-27-28 WRAM show, White Plains NY (see Model Aviation mag)

Sat Mar 27 Chiefs auction at Canandaigua Middle School

SS May 15-16 AGS Spring Float Fly at Greenwood Park

WNYFFS Empire State Indoor Championships, at the Buffalo Bills fieldhouse near Orchard park, NY. Sat May 22

RCCR Fun Fly at Northampton Park, CD Paul Weigand
(Jun 5 Picnic at Knollwood Lodge) SS Jun 5-6

Sat Jul 24 RAMS Combat Meet

SS Jul 31-Aug 1 RAMS Annual Open House

RAMS Annual Fun Fly

Sat Aug 28 Sun Sep 5

3-Club Fun Fly Picnic (4-club?) SS Sep 25-26 AGS Fall Float Fly at Greenwood Park

Sun Oct 10 RCCR End of Season Picnic at the Ski Lodge, Northampton Park

Sat Nov 27 RAMS Annual Auction





Notes

from the ex-Prez

The past two years as your president have gone quickly. I have enjoyed them for many reasons. It was rewarding to see so many of you do so many things for the club. I've met many new members who kept our large membership roster of about 130 people. You kept our meetings lively with attendance of about 35. There was an organized club activity almost every month. We used all the money we took in to support what we voted to do. We sponsored several activities for children. Other area clubs saw us in attendance at their scheduled events, while we sponsored more than 16 events ourselves. We continued to develop Bolling Field and held on to Northampton through a tough challenge. Combat flying has become a major new activity developing around your leadership and participation. Glider flying continues at our third field.

But perhaps the biggest reward was the great flying we did all during this time. Training for new flyers was generous and productive. We helped one another develop our skills with both ideas and hands-on support. New planes proliferated to more than offset those whose flight time ended. The comradery among members was most enjoyable.

All these trends will carry us well into the future. I believe we need to add one more dimension of better control to our activities to enhance our longevity and enjoyment. That dimension is the measurement and reduction of noise from our planes. Given the great and varied resources in our club, J am sure we can conquer the challenge as we have conquered others in the past.

Jeagerly look forward to many more years of flying with you all.

Trevor

MISSING If anyone knows the whereabouts of the club's walkie-talkies, please contact Jerry Joseph 244-1981. (Bob Horr recently acquired a pair of walkie-talkies to be used in efforts of sound measurement, but the club has another pair and Jewould like to know where they are.)

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 Jerr	y a call at 244-1981, and ne v	will make arrangements to get it to you.	
Air Show 6/2/90 Attack Carrier Trilogy	NA 5	R/C Video Magazine Volume 6 RCCR Scale Rally & Fun Fly	1988
Air Stor 6/J/90 Air Stor Grigory Aviation Heritage, Part I Aviation Heritage, Part I Aviation Heritage, Part I Berg A Plane for a Mission Battle of Britan Speedy Bee - Lazy Bee Claury, Aviation Speedy Bee - Lazy Bee Claury, Berg - Lazy B	NA 6 NF 683 NF 696 BA 29	Shoot to Live Rear Gunner Story of Naval Aviation, Attack Carrier Striking Back, Byron Air Show	BA 18 NA 27
Clancy Aviation Speedy Bee - Lazy Bee Down to the Wire, Wings of Eagles/Gold	NA 34	Tailspin Tommy "Stunt Pilot" The Navy Flies On Threshold The Blue Angels	NA57
Fun &Float Fly; RCCR & Glider & Combat Kamikaze	1995 CB 12	Vintage Wings Warbird Checkout Series	RS 7
Mighty Warbirds Naval Aviation Action, Part 182 Proficient Flying, Volume 1 Proficient Flying, Volume 1 R/C Video Magazine Volume 3 R/C Video Magazine Volume 4 R/C Video Magazine Volume 5	BA 62	RC Video Manazino Volune 6 BCH Scale Stall 8, Fun Fr STARS Heer 7, Glanner STARS Heer 7, Glanner STARS Heer 7, Glanner STARS Heer 7, Glanner Telling Form 7, Stall Heer 1, Glanner Telling Form 7, Glanner T	RS 7 RS 17 RS 17 RS 15 RS 15

TEAM SELECTION FINALS. The 1990 United States I sam. FLA Giden is Brian Van Nest. him states I sam. FLA Giden is Brian Van Nest. him states I sam. FLA Giden is Brian Van Nest. him states I sam. FLA Giden is Brian Van Giden in Sessuing, Bob Piseerbino, and Vladid Andrukov, in Fla Drower, Flast Farker, Rom Heckmett, and care keep the Development of the Session of Session of



US Free Flight Team Finals: Brian Van Nest (L) was the only FIA towline glider flier to max ou during two days of flying. Ed Keck (R) repeats on the Power team

FOR SALE

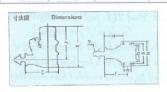
2 EACH OS FS-91 USED

1 EACH OS FS-91 NEW

CONTACT: RON McGRATH 716-594-4440

- O.S. developed the Surpass Series of 4-stroke engines for discerning fliers who demand more power. Able to swing larger props and supply more usable horsepower, Surpass 4-strokes provide the best performance for your plane, regardless of scale or flying style.
- All Surpass engines feature a helix gear-driven camshaft on the front end and dependable updraft carburetor in the back.

Engine	Displacement (cu in)	Bore (in)	Stroke (in)	RPM	Output (BHP@rpm)	Weight (oz)	Recommended Props
FS-26S	0.269	0.728	0.648	2,200-12,000	0.41 @ 11,000	9.45	9x6-7, 10x6, 3-blade 8x6
FS-40S	0.396	0.835	0.724	2,200-12,000	0.65 @ 12,000	12.50	10x7.5, 11x6, 12x5-6
FS-52S	0.523	0.906	0.811	2,300-13,000	0.90 @ 12,000	14.19	10x9-10, 10.5x8-9, 11x7-8
FS-70S	0.702	1.016	0.866	2,000-12,000	1.10 @ 11,000	20.10	11x8-9, 12x7-8, 12.5x6
FS-91S	0.912	1.091	0.976	2,000-12,000	1.60 @ 11,000	22.20	11x10-11, 12x9.5-11
FS-91S II	0.912	1.091	0.976	2000-12,000	1.6 bhp/11,000	22.9	13.5x8, 14x7, 15x6, 16x6
FS-120S-E	1.218	1.197	1.085	2,000-11,000	1.90 @ 11,000	30.50	13x11-12, 14x10-11
FS-120S-SP	1.218	1.197	1.085	2,000-11,000	2.50 @ 10,000	36.36	13.5x13.5-14.5, 14x12-14
FS-120 III	1.2	1.197	1.083	2,000-12,000	2.1 @ 12,000	32.5	14X9-11, 15X8-10, 16X6, 17X6, 18X6



FS-91S A B C D E F G H J S 2.05 0.98 3.60 2.36 4.76 2.62 1.68 2.13 3.90 5/16-24

Seasons Greetings

Our Best Holiday Wishes for a Magical Season





Hey, we know Santa has had his big day, but it's still mid-winter. 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 RCCR Mid-Winter Party and Roast, It's a blast!

It's on Saturday night, February 13 6:30 PM Cocktails

7:30 PM sharp Dinner At Waver's Party House

31 Paul Rd. just off Scottsville Rd. Only SII 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 23 years

> Please fill out and send the following form to: Paul Weigand Or call me at 621-8524 283 Strathmore Rd. oooo Please, no later than Feb. 70000 Rochester, NY 14612

> > ∘Please make checks payable to the RCCR

Name		
Name of spouse or guest		
Total number in party	Amount inclosed®	

Name		Cash/Check #
Street		Date
City	StateZip	hrs.
Phone #	E-mail	(see Explanation of Dues)
Birth date	Spouse's Name	Dollar Amount credit
AMA#	FCC License	
	I hereby signify that I have read and unde les and regulations. I also wish to be a me	
Signature		Date

Please fill out the above form and return it to the Vice President of Membership:

10E SOMERS 716-594-0319

JOE SOMERS 253 GOLDEN RD. ROCHESTER, NY 14624

*Include: Photo copy proof of AMA membership, proof of work credits, and the appropriate dues. CHECKS ARE PREFERRED (make payable to Radio Control Club of Rochester)

Explanation of Dues:

New \$35.00 dues + \$20.00 initiation fee (full year) dues prorated each month

Renewal \$75.00 - 20 hours work credits (maximum) at \$2.00 per hour \$75.00 - \$40.00 (maximum) = \$35.00 due

First year renewal Prorated work credits/months of membership

example:3 months of membership =3/12 of 20 possible hours for work credits due

Juniors & Students = No Fee

Second Family Member = \$10.00

Social Member = \$35.00

Guest Pass = \$15.00

SAMPLE RENEWAL FULL MEMBER: \$75.00 - 0 hours work credits @ \$2.00 per hour = \$75.00 - 0 = \$75.00 due

75.00 - 14 hours work credits 2.00 per hour = 75.00 - 28.00 = 47.00 due 75.00 - 20 hours (maximum) 2.00 per hour = 75.00 = 40.00 = 35.00 due

SAMPLE FIRST YEAR RENEWAL WITH 3 MONTHS OF MEMBERSHIP:

[\$75.00 - 15 hours work credits (9 months of non-membership) = \$45.00]

\$45.00 - 0 hours work credits @ \$2.00 per hour = \$45.00 - 0 = \$45.00 due

\$45.00 - 2 hours work credits @ \$2.00 per hour = \$45.00 - \$4.00 = \$41.00 due

\$45.00 - 5 hours work credits @ \$2.00 per hour = \$45.00 - \$10.00 = \$35.00 due

ANNUAL DUES ARE DUE BY MARCH 1st



The First Time (from Landings - http://www.landings.com/)
by: Robert William Broyles, rbroyles@isd.net

The year, about 1936. The location, Coronado, CA. I was 4 then, My dad took me to the channel that separated Coronado from North Island Naval Air Station, I looked up in ave as I watched the old bi-wingers circling over head. Shortly after that trip, I was sitting in my dad's barber shop. Hanging on a coat rack was a black jacket with bright gold strips on the sleave. Above the pocket was a shainey gold set of wings. I watched as the gentleman that had been in dad's chair donned this cast He looked down at me and sked me "And what will you be when you grow up my young man?" I looked at him and told him "I am going to be a pilot."

I was 32 before I took the plunge. Driving by National City airport, I decided I would stop in and inquire about learning how to fly, I spoke to an instructor by the name of Andy Anerson. He took me up on my introductory flight. It was love at first "flight." When we parked the aircraft, I asked Andy "Where can I buy an airplane?" He pointed to a trailler parked by the hanger. I went over and met the owner and asked what is the cheapest airplane I could buy. He told me about a PT-19 he had just taken in on a trade. It was located at Clairment airport in Los Angeles. He said the price would be \$700.00.

To make a longer story shorter, I managed to buy this aircraft, that was in pieces, for \$400. I towed it to National City Airport. Over the next six months I managed to rebuild this airplane and return it to airworthy condition. When the FAA inspector had passed the airplane, I went into the operations shack and asked the airport owner if he knew of anyone that could test hop this airplane. He had a friend who had spent years training pilots in this type and he said he would get in touch with him. The following weekend this grey-headed old gentleman came over to me and introduced himself. He said he would love to give the PT a test flight. This old gentleman proceeded to put on a very good airshow. He flew this old PT-19 through every conceivable maneuver. It was a great show. When he had parked the airplane, he said it flew like it was brand new. I asked him if he would check me out. He said sure. He explained some things to me and to this day I can not recall what he had told me. Because of the shortness of the runway we had to make full stop landings, taxi back and take off. I think we did this about 4 times. On the 5th time down wind I had a question. I turned and looked back, I could not see the old guy. Now the canopy was pushed open, I undid my seat belt. Stood up and turned around, leaned over the center section that separated the front cockpit from the back cockpit and looked into an empty seat. Meanwhile in the operations shack Andy had walked in and asked who was flying the PT. The old man answered the guy that owns the airplane. Andy told him that guy has only had a half hours introductory flight, he does not know how to fly. The old guy nearly had a heart attack. In the air I realized I was alone and wasn't sure about what to do. The feelings that swept over me at this time I can still recall to this day. Goose bumps, chills running up and down my spine, and the biggest grin I have ever experienced. I sat up very straight, everything seemed brighter and much clearer. I had no experience of panic or fear, I was supremely confident I could handle this situation and I did. After a successful landing I taxied to my tie down spot and tied the airplane down. I think I was walking about 10 feet off the ground. The old man met me at the door of the coffee shop and yelled at me: "Why the hell didn't you tell me you didn't know how to fly?" I looked and him and stated "you didn't ask me."

I have since managed to put in about 20 years of various flying jobs including a stint as a crop duster, and have accumulated over 14,400 hours.





The Tiger Moth is one of the major success stories of the aviation. Developed during the early 1930s as a military trainer, the Tiger Moth later became the most important elementary trainer throughout Commonwealth forces. Altogether 335 Tigers saw service from 1939 until 1955, 181 of these being constructed in New

After the aircraft's military training success, the type went on to form the foundation of agricultural aviation in New Zealand, At the end of WWIII, plotted could buy and mostly a Tiger Mohn for topdressing relatively change; it his, combined with its popularity within the aero club movement, provided employment for the Tiger Mount and the let fifties when the more modern closed cockpit aircraft forced them into retirment. The Tiger will be remembered by many New Zealanders as the first aircraft the freion or learnt to fit.

There are about 35 of these classic machines still flying in New Zealand today.

The Alpine Fighter Collection's Tiger Moth was manufactured by the 6e Havilland Company of New Zealand at Rongola (in what 5 his now an Air New Zealand domestic terminal). Brought not charge by the RRIZAF at Rongola on 1. June 1943 as sential NZ 1958, it was allocated on the one of the remainded or remained with that unit until as take as August 1944. During late 1944, NZ1459 was dismatted and placed in storage and thus became one of the 42 Tiger Moths retained for service with the post were PRIZAF.

NET (450 was reasonabled and returned to RNEAT service during November 1952 and spent the following three years with the final Training School (ITS) all Talent, Dunedra as an 4-win failur failured for supplier and territorial trainines. On 4 March 1553 the aircraft suffered a heavy landing during training training artifact but suffered on serious damage and was returned to service. A similar accident occurred on 16 February 1954 - evident of the type of job it was required of. After a period of time at Wigiram (operated by the Central Pying School) during 1954 the aircraft continued to fy from Traini until 1956 when it returned to Wigiram (operated her iteratured her iteratured her iteratured her iteratured to Wigiram (operated her iteratured her itera

Advertised for tender, the alcraft was sold to the New Plymouth Aero Club for 400 pounds and allocated the registration Z/E-RDO or 28 June 1956 - althought this vers bondlied, Apparently the National Airways Corporation had been premised the registration BRD for their Victore Viscount "City of Wellington" and the New Plymouth Aero Club were asked to change their aircraft registration to Z/E-BRB (which they duly did). Used as a trainer - and then as a crop sprayer by the club, the aircraft was sold to a private owner in 1994 for use as a glider tug at Tuthaliaramea.

Passing through various owners, the aircraft was purchased by Alpine Helicopters and then the Alpine Fighter Collection in 1985. The aircraft is painted as it was when based at Harewood in 1943, and is available for passenger flights operated by Biplane Adventures.





More Examples

The Tiger Moth was first and foremost a millarly trainer and was used mainty for elementary pilot training in the British Commonweilh Air Training Plan. Modifications were made to the basic design to adapt it better to Canadian conditions. It was used by the eir forces of Britain, Canadian, Cerania, Portugal, South Africa, Southern Rhodesia, and Sweden. Many Canadian Tiger Moths were sold as war surplus and some are still flying in the 1900s.

Canadian-built Tiger Moths were modified by adding wheel-brakes, a lati-wheel, a stronger undercarriage with the wheels each simpley forward, and a cockpat that could be closed by a saiding hood. One of the best Anown Statemes in World Var II, the Tiger Meth was used by the air forces of Britain, Canada, Austrial, Brazil, Dermark, Moths, some of which were bought for as little as \$25 (whole) instruments.







Photos and info from: John S. Kallend, Ph.D., Dean, Undergraduate College, IIT Professor of Materials Engineering (and Physics) Dept. of Machanical, Materials & Aerospace Engineering http://www.ili.edu/~kallend/#prof
and the National Aviation Museum in Canada http://www.aviation.nmstc.ag/e-home.htm

Letters to the editor airflow@frontiernet.net

Scary Story Sun, 13 Dec 1998

by Matt Mair mmair@dwc.edu

Ok, my long cross-country flight went from Nashua, NH (ash), to Albany, NY, to Bridgeport, CT, and back up to Nashua. Shortly after I landed at Albany, I taxied off the runway and was given my taxi clearance. After a few stops and go's I turned a corner and taxied behind a HUGE airline like jet, which, unknown to me, was starting up. Albany ground should have cautioned me about this, especially considering I was in a little. tiny Cessna 152 (a ford fiesta with wings, for those of u who don't know planes). As soon as I entered his jet wash, the plane started flailing about violently hopping off the ground and weather vaning into the jet wash. For a moment, I thought I was going to be blown right off the taxiway (kinda like swatting a fly, then blowing it off the table). Well, some dancing on the rudder and a LOT of elevator and alleron got me back on the ground again. When I got to Signature Aviation ("the gas station"), they told me they thought they were going to have to call CFR (crash fire rescue). Nothing was damaged, and I continued the rest of my long xc without problems. This was one of my most memorable flying experiences I have had.

hi to the RCCr gang. Sat, 16 Jan 1999 by Don Ogren oshkosh96@yahoo.com

Haven't checked my mail for a couple of days, but I did talk to Trevor yesterday, and all is taken care of. My number for your record is: 352-799-1872.

We really enjoyed your web site at Christmas. You did a nice job, as usual. I've monitored the weather in Rochester, and it doesn't look good. We sympathize with you. Hope you've been able to stay shoveled out, and have had no accidents If you want to get a way from the white stuff, come on down! Sunny and warm today. Went to soccer game today as our grandson plays in an under-8 league. Tie game between the two top teams today.

California Recollection Thu, 14 Jan 1999

Statement as of 3:45 PM EST on January 14, 1999 Rochester, NY ... Winter Storm Warning In Effect Tonight... snow will be heavy at times overnight with accumulations from 5

snow will be heavy at times overnight with accumulations from 5 to 8 inches. The snow may mix with sleet and freezing rain early tonight. An additional 1 to 3 inches of snow is expected Friday morning before ending. It will remain bitter cold overnight with wind chill temperatures between 10 and 20 degrees below zero. Be sure to dress properly for winter eveather to avoid frostbite.

by Dick Smith spider@ivic.net

You live in the damnedest place. I'm glad I moved to California. The only new year's flights I remember were with sailplanes, in fact. I got a 2 hour thermal flight on New Year's Day 1980.

New email address Thu, 7 Jan 1999

by Al Sertl asertl1@rochester.rr.com

I think I am back on line on using Road Runner which is more like Road Walker.

They have had a great many problems getting us on line, then operational problems and now they are due here this morning to hopefully correct more problems.

Now I've got some time I'll try to get some units ready to fly.

Taxiing a Cessna Sun, 13 Dec 1998 by James Kenney mooney@frontiernet.net

. I just got in from flying my long cross country. I flew from Ledgedale to Dunkir, to Jamestown, to Wellswille, and back to Ledgedale. It was a total of 246 Naut. miles and took 3.5 hours of flight. Thank God nothing that exciting happened, I just had to dodge some clouds between Disk and JHW. To stay below the clouds I flew over some towers at about 200 feet. That's as exciting as it got. The air was smooth the visibility outstanding. A perfect day for the flight. I have been waiting for a month and a half to make it. I also soloed at Rochester this week. Guess we're moving right along.



Regards,

Fri, 15 Jan 1999

by David Hoffmann David.Hoffmann@digital.com

Not having a plane in Rochester I went to Bolling Field for the comradery and chili. I found one but not the other, I was mildly disappointed. I arrived late because of the poor road conditions. This was probably a good thing because the fire was already roaring and it was quite cold. Jim Warner, Mike Hausner and Mike's friend were trying to start Jim's Dragon Lady. I'm not sure if my two cents helped but the engine started shortly after I got there. I'm sure Mike would have been first up as he had brought his little electric model. (I've forgotten the name of the model) Unfortunately a log had fallen on the tail of the airplane during the trip to the field. Jim got two flights in before we surrendered to the cold I won't be in Rochester again until the March 26th.

Joanne is coming to Colorado in February. It is supposed to get in the mid 50's for the next few days here. I'm going to have to water the lawn. Planning on goin' flyin tomorrow. We don't have nay snow on the ground in the Springs. Please check my email address. Make sure you have the two n's on hoffmann Your note was forwarded to me from a guy in Massachusetts It happens a lot. I get his mail too so we're kind of even I'd like to continue receiving the AirFlow at least for this year. Do you have a subscription fee worked out? If not I'll just make a contribution to the club.



Let's do floats by Steve Pajek Sat, 05 Dec 1998 spajek@rochester.rr.com

I'm writing to inform you of my new address, its changed to 50 Cranberry Road, Rochester, NY 14612. I've purchased a place on Cranberry Pond and club members are welcome to use my new back yard for float flying come spring and summer! :)

RCCR ONLINE Richard Brook

Phil Evans
Peter Fiorentino
George Hartman
Mike Hatch
Bob Horn
John Ho
David Hoffmann
Bob Kesel
Greg Kesel
Matt Mair

Bob McClure

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RCCR WEB PAGE http://www.frontiernet.net/~airflow AMA District II Web Site http://www.amadistrictii.org Mattland http://students.dwc.edu/mmair/