

President: Steve Krueger (715) 536-8828  
 Vice President: Rich Papa (715) 845-4170  
 Sec/Treasurer: Steve Norris (715) 842-4286

Board Member: Mark Blume (715) 443-2835  
 Board Member: Dan Marlenga (715) 359-7377  
 Newsletter Editor: Bill Markstrum (715) 845-8673

## Editors Notes

Cutting right to the chase. I want to report that our February 20th meeting, held at the Wausau Downtown Airport, was an excellent one and very well attended. Besides the usual participants from the immediate area, we had three attendees from upper peninsula Michigan. It seems our wingspan is growing.

President Krueger quickly dispatched the business items and then mentioned upcoming events of interest to all of us in the area, the first being the U.L. Safety Seminar on March 6th. at the Mead Inn in Wisconsin Rapids. As if the chance to learn new regulations, review safe flying techniques, and learn about new equipment hasn't enough incentive for attending, listen to the prizes available. Raffle prizes include a Warp-Drive prop, a GPS, wheel-ski combo, an aircraft radio and many other items. As I said, these are raffle prizes for which you will pay the tremendous amount of \$5 for 10 tickets. In addition to these, there will be door prizes given during the day. All you have to do is register for free! Can you beat a deal like that? All this plus the camaraderie of fellow pilots and builders and the chance to again hear the M.C. of UL's, Mr. Frank Beagle. I understand there will also be aircraft on display including our own Mark Blume's Air Command Gyrocopter and Jack LaSee's powered parachute. Lets have a good showing from our growing and vibrant chapter. We'll see you there under the UL 75 banner.

The second event President Steve announced is in pre-Oshkosh time but another one we should support with enthusiasm. John Chmiel is planning a gala event at the Wausau airport for July 24., just before Air Adventure '99 to attract incoming EAA'ers on their way to the Big One. He is especially inviting Cub club members and Stearmans, possibly others. There will be day-long activities, food and

big-band music with a real big band! Sounds great, John. Assigned to coordinate our efforts with John and the Friends of the Wausau Airport are Tony Borchardt, Ron Detert and myself. Gosh, a real band, not my old "squeeze box". We will probably need help to pull this whole thing together so please stand by.

The following day, Sunday the 25th., the Tomahawk airport is having a fly-in. Dean Turner is coordinating the ULs at this event and will tell us more about it at our next meeting.

President Steve closed the formal meeting telling us about the paint he used on his exhaust system with beautiful results. It's called Tech-Line and is a mega high temperature thermal barrier ceramic coating. It leaves a black satin finish according to Steve. Call him for more details.

After closing the formal meeting, Steve introduced our visitor from EAA headquarters, Timm Bogenhagen, who is Administrator for Government Programs. An interesting speaker with a good background in aviation and ultralights, Timm showed several slides from last summers Pioneer Days. He followed this with updates on EAA-FAA coordination involving rule changes, particularly the long awaited Sport Pilot category. He then answered questions from the group. Thanks for your input, Timm. You are welcome any time.

Refreshments following the meeting consisted of hot spiced cider, cookies and brownies baked by the man himself, President Steve!

See you at the Safety Seminar where you can learn from the mistakes of others. You won't live long enough to make all of them yourself!

Bill Markstrum

## Performance Take Offs

The sun is setting and it is time to get back to home base. Suddenly the runway you landed on is not as long as you thought and it also seems to be a lot rougher. You told your significant other you would be home an hour ago. All of your fixed wing buddies are behind you waiting for you to get off the ground. Time for a Performance Take Off.

You have your engine at idle and the pre-rotator is engaged - this is where a performance take off differs from normal. Time to use your hands and feet and a few more. Holding brakes on and advancing the throttle the rotors become a blur and you can no longer count the rotor rpm. Easing the stick to full back, continue to advance the throttle. Depending on your brakes, the runways surface, and thrust, you will probably still need more braking power by using your feet. At this point you have used up every hand, foot, and elbow you have for brake, throttle, pre-rotator, foot brakes and control stick. The gyro at this point is about ready to hemorrhage and still hasn't moved. Basically your trying to make the Gyro behave as a helicopter by powering the rotors, remember the faster you get the rotors going the shorter the take off roll. You have now reached a point where you can't get any more out of your pre-rotator and its time to release the brakes and start the take off roll. As soon as you release your brakes (foot and mechanical) you notice the Gyro wants to yaw to the right. This is because of the torque applied to the rotors by your pre-rotator. You must correct this yaw by immediately applying left rudder to hold the Gyro straight on the runway. Stick is full back and the pre-rotator is still engaged. You should be at about full throttle and rolling down the runway at a good rate of speed. As soon as your nose wheel lifts off the ground release the pre-rotator and now you have gone from

a helicopter (powered rotors) back to a Gyro (unpowered rotors). The torque to the right is now eliminated and left rudder pressure can be relieved. At this point you have relieved some workload from your appendages and the Gyro should start balancing on the main wheels. The takeoff roll will be significantly shorter than a normal takeoff. Continue to gain airspeed and rotor rpm until you can climb out safely. It all sounds a bit confusing, technical, overwhelming, and difficult. This is all true but not really. Once you have performed this takeoff a few times it does become easier. Because this technique does put more strain on the pre-rotator and rotorhead, it should not be performed often. Next month I will try to cover more fun things you can do with a Gyro. If you are interested your comments and questions are welcome.

Your rotorhead flying buddy Mark Blume

15203 Short Lane  
Marathon, WI  
54448-9594  
mblume@pcpros.net  
715-443-2835

## Safety Seminar

Plan on attending this years State Safety Seminar. Many door prizes, big ticket raffle. It's free. But most importantly learn and promote Ultralight & Light Plane Safety. Bring a friend and enjoy the day. See the flyer in this newsletter for all the details.



### NCWLF Treasures Report February 1999



<b>Balance Fwd</b>		<b>67.33</b>
<b>Deposits</b>		
Calendar Donations	90.00	
Dues	50.00	
<b>Total</b>		<b>140.00</b>
<b>Disbursements</b>		
Postage (Feb & March)	46.20	
Wausau Flying Service (Facility Usage)	10.00	
<b>Total</b>		<b>32.77</b>
<b>Ending Balance</b>		<b>151.13</b>

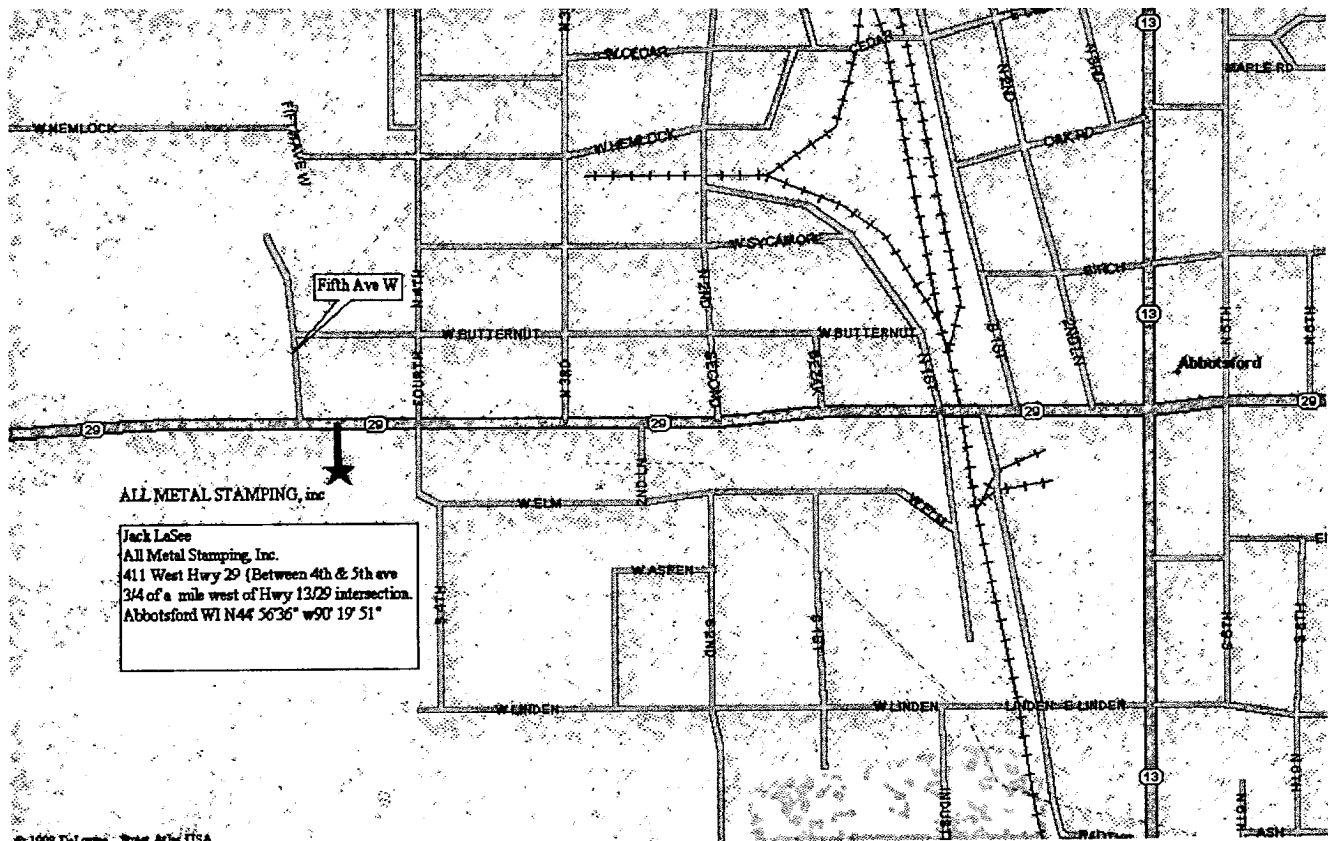
## NCWLF Calendar of Events

### MARCH 6, 1999 Wisconsin Ultralight Plane Safety Seminar

Mead Inn Wisconsin Rapids

### MARCH 20, 1999 Ultralight Chapter 75 Meeting

Saturday at Jack LaSee's shop in Abbotsford at 1:30. If you fly, call ahead, Jack will pick you up. Closest airport is Medford, 12 miles north N 45° 6' W 90° 17'. Call Jack at 715/223-4540 home or 715/223-6324 work.



### APRIL 11-17, 1999 Sun n Fun

Lakeland Florida

### MAY 22, 1999 Chapter 444 Poker Run

Northport Private Airport, Royalton. Call Pete Krotje for details 920/734-8682

### JUNE 19, 1999 Pioneer Days

UL Competition Event. Oshkosh. Chapter 75 meeting approx. 9:00 pm. June 20th rain date.

### JUNE 20, 1999 Minoqua Lakeland Airport Day

Minoqua. Call Dean Turner for details 715/453-4197

### JULY 9,10,11, 1999 Gumps Fly In & Competition Event

Northport Private, Royalton. Call Pete Krotje for details 920/734-8682

### JULY 16,17,18, 1999 State Ultralight Fly-In

Lyndon Station

### JULY 24, 1999 Wausau Downtown Brat Fry Fly-In

Big Band hangar dance. Call John Chmiel for details 715/845-3400

## NCWLF Calendar of Events

- JULY 25, 1999 Tomahawk Air Show**  
Call Dean Turner for details 715/453-4197
- JULY 28 - August 3, 1999 Air-Venture**  
Oshkosh
- AUGUST 14,15, 1999 Wautoma State Ultralight Fly-In**  
Wautoma
- SEPTEMBER 17, 18, 19, 1999 Colorama State Ultralight Fly-In**  
Lyndon Station
- SEPTEMBER 18, 19, 1999 Blume/Voss Fly-In Camp-Over**  
Little Chicago. Competition, Camping, Camp-Fire, Music.

*Calendar of Events is updated monthly. Contact Mark Blume mblume@pcprosnet to list events in subsequent newsletters.*



## Next Chapter 75 Meeting

Our next meeting will be at Jack LaSee's shop in Abbotsford on Saturday March 20th 1:30 pm. See map for directions. If you fly, call ahead and Jack will pick you up. The closest airport is Medford, 12 miles north. Hope to see you there!

## 1999 UL 75 Calenders

Extra copies of Club Calendars have been made. A special thank you to the E.O. Johnson Co. for donating the paper and printing! Looks Great! If you would like one you can pick one up at the Safety Seminar or contact Steve Norris at 715/842-4286. Cost is only \$10

# 1999 Wisconsin Ultralight and Light Aviation Safety Seminar



PRESENTED BY:  
Wisconsin Ultralight / Light Aviation Advisory Council  
and  
Wisconsin Department of Transportation Bureau of Aeronautics



## Saturday March 6<sup>th</sup>, 1999

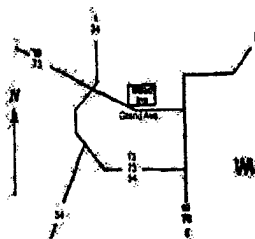
9:00 a.m. - 4:00 p.m. Free Admission  
Mead inn • 451 East Grand Avenue Wisconsin Rapids, Wisconsin  
1 (715) 423-1500 • 1 (715) 422-7064 (Fax) • 1 (800) 843-6323 for hotel reservations  
\*\*\* Special Safety seminar rates available  
(Mention seminar when making reservations)

Registration 8:00 - 9:00

"First come first serve" registrants receive free Catalogues (while quantities last)

**DOOR PRIZES and FLYMART... Buy!!! Sell!!! Trade!!!**  
(Tons of door prizes!!!)

**BIG TICKET RAFFLE ITEMS!!!!**



Map of Wisconsin Rapids

for more info call:

- |  |  |
|--|--|
| Harold Benich                          | (808) 271-7517 (W)<br>(920) 823-4467 (H) |
| Ken Snyder                             | (715) 423-1128                           |
| Walt Gamby                             | (414) 587-4408                           |
| Chuck Stevenson<br>Flymart Coordinator | (808) 782-4287                           |

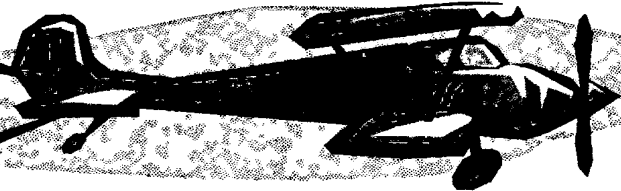
A check ride should be like a skirt - short enough to be interesting, long enough to cover everything.



### Buy • Trade • Sell

- ✦ Aerostat 340. Copycat of Quicksilver MX. Hobbs. EGT. RPM Compass. Altimeter. Strobe. 337 Rotax. Reasonable. John Riesinger (715) 536-8665 Merrill, WI
- ✦ 1983 Teratorn Tierra I. 503 Rotax tach altimeter. Pilot enclosure. All instruments. Electronic fuel system. Too much to tell here. \$7,500.00 Hilary Omernik (715)-693-3231
- ✦ 1994 Quicksilver MXL Sport. Rotax 447 180 hrs tt. BRS 5 chute repack due 2001. He-man bar. Dual wing tip strobes. 3 blade IVO prop. Puddle Jumper amphibious floats. EGT. CHT. Tach. Always hangared. \$ 8,000 or trade up to two place. Dave St. Martin (715) 549-5265 Houlton, WI
- ✦ Quicksilver MXL I-3 axis. Controls, Steerable Nose wheel, Saddlebags. BRS soft Chute, Brakes, Gauges, 32 hrs on rebuilt engine. \$4,400. 414/563-9654.
- ✦ Challenger 1 447 with 20 hours since major. Loaded with all options professionally built always hangared. For full list of options call or contact me via e-mail. Asking \$9,600 offer. Don Petzold Wisconsin Rapids (715)424-2216 dpetz@tznnet.com
- ✦ Hiper Light N8. 79 Hours. 447 Rotax. Contact Reinie Hirsch (715) 384-5073.

*Join EAA Ultralight Chapter 75*



EAA ULTRALIGHT CHAPTER 75  
 North Central Wisconsin Lite Flyers  
 Application Form for Membership and Subscription

Date \_\_\_\_\_

Name \_\_\_\_\_ Phone: \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

USUA# \_\_\_\_\_ EAA # \_\_\_\_\_

Type of Ultralight you fly \_\_\_\_\_

**Membership Due Schedule:**

_____ \$ 12 MAY	_____ \$ 6 NOV
_____ \$ 11 JUNE	_____ \$ 5 DEC
_____ \$ 10 JULY	_____ \$ 4 JAN
_____ \$ 9 AUG	_____ \$ 3 FEB
_____ \$ 8 SEPT	_____ \$ 2 MARCH
_____ \$ 7 OCT	_____ \$ 1 APRIL

Mail Check Payable To:  
 NCWLF  
 P.O. Box 12  
 Schofield, WI 54476

*Payment of dues affords me voting privileges, and a subscription to news updates*

The newsletter is a monthly publication of the North Central Wisconsin Lite Flyers and is free to all club members. Send any comments, questions, suggestions, or items you would like included in the newsletter to: Mark Blume 15203 Short Lane Marathon, WI 54448  
 Or send e-mail to [mblume@pcpros.net](mailto:mblume@pcpros.net)  
 Items received by the 5th are considered for that month's publication.