

EAA Ultralight Chapter 75

North Central Wisconsin Lite Flyers

Editors Notes



Just a few comments from your editor's desk overlooking the Wausau airport. Incidentally, I made a great discovery the other night while sitting at this desk. I had already turned out the light and was sitting here admiring the runway lights when something caught my eye on the southern horizon. A flash of white light followed in a few seconds by a flash of green. I was seeing the CWA beacon from my favorite desk while over my right shoulder and close at hand was the rotating beacon of the Wausau Downtown Airport. It doesn't get any better than that, two airports in my field of vision. I'll stay on this airport however where most of the airplanes and pilots are "fun fliers".

While most of us involved in recreational flying are conscious of a certain element of risk involved, we take special care to see that our equipment is reliable and we don't push the envelope

where weather and our abilities are concerned. I found this quotation recently that may explain our love of flying: "People who avoid risks don't suffer the lows, but they never experience the highs, either".

I said my comments would be brief because I have been out of the chapter loop in recent weeks. I wasn't able to make the meeting at Dean

People who avoid risks don't suffer the lows, but they never experience the highs, either

Turners but heard that everyone had a great time. Plenty of airplanes and plenty of food from the gracious hosts, Dean and Carrie. I also heard that in addition to his vast collection of exotic fish, Dean is babysitting an alligator for a friend. Between the Moray eels and the alligator, somebody will lose a finger yet!

I won't make the meeting and practice at John Verfuers either but I trust everyone will practice hard so our chapter retains the "Flight Log" on Pioneer Weekend. I'm the Poppy

Chairman for my VFW Post and that's our sales weekend. I've about decided I'm wearing too many hats and not enough helmets!

The Sport Pilots comment period just ended and we will have to patiently wait for the FAA's action. We'll be awaiting updates in the EAA's publications and website.

I find the "Light Planes Heritage" section of the Experimenter interesting reading and no less the May issue story of Henri Mignet and the development of his Flying Flea. In the 1920s and 30s he was essentially an "Ultralighter". Take note of his 1928 HM-8. It looks like an early Aeronca and flew with a two cylinder, 10 hp. engine. How history repeats itself!

With flying season here again, lets hear about your flying adventures, building projects, tech tips or buy and sell ads. Give me a call with a basic outline and we'll take it from there.

Safe and Happy Flying,
Bill Markstrum

Volume 7, Issue 5
May 2002

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One of the beautiful things about a single piloted aircraft is the quality of the social experience



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NCWLF Treasurer Report April 2002

Balance Fwd		\$ 367.46	
Deposits		Disbursements	
Dues	264.00	Postage	22.10
2002 Calendars	48.00		
Hats	10.00	Total Disburse-	
EAA Membership	20.00	ments	\$ 22.10
Bonus			
Total Deposits	\$ 342.00	Ending Balance	\$ 687.36

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

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

Date _____

Name _____ Phone _____

Address _____

City _____ State _____ Zip _____

USUA# _____ EAA# _____

Type of Ultralight you fly _____

Membership Dues Schedule

- \$ 12 May
- \$ 9 August
- \$ 6 November
- \$ 3 February
- \$ 11 June
- \$ 8 September
- \$ 5 December
- \$ 2 March
- \$ 10 July
- \$ 7 October
- \$ 4 January
- \$ 1 April

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

This newsletter is a monthly publication of the North Central Wisconsin Lite Flyers and is free to all club members. Items you would like included in the newsletter should be sent to:

Tom Voss

15203 Short Lane Marathon, WI 54448

tvoss@pcpros.net

Items received by the 5th are considered for that months' publication.

Change of address and membership inquiries should be directed to:

Steve Norris (715) 675-2876

Comments, questions, suggestions, etc... can be sent to tvoss@pcpros.net



Tech Tip

... by Gordy Radtke

It's that time of the month again, and here I go with another little maintenance tip for your Rotax powered bird. This month's tip is about an often over looked item of extreme importance to our powerplants well being. The spark plug cap! Now some of you may be saying why the spark plug cap who ever looks at those??? That is exactly my point, even on complete rebuilds this little electrical item is often overlooked and not replaced.

A brief recap of the two types of caps that are currently being used on our engines is in order. Originally Rotax engines were equipped with breaker point ignitions and Bosch sparkplug caps. A breaker type ignition is not the hottest spark producer at low cranking speeds and at low RPM's. Because of this a spark plug cap with a 1000 ohm resistor built inside was used along with a sheet metal type shield on the outside of the cap. The intention of these two items was to reduce EMI, "electro-mechanical interference" or RFI, "Radio frequency interference". This is necessary to reduce the interference our engine's

electrical system imparts on our aircraft radios, Gps's, and for you not so politically correct low flying guys, even our neighbor's TV sets. Later engines equipped with stronger dual electronic ignition systems may use a 5000 ohm NGK resistor cap, these may be either black or magenta in color, mechanically these are identical. Along with these resistor caps the newer engines also are equipped with resistor spark plugs. All of this just to reduce that annoying hum or whine you may hear in your headset while your engine is running.

OK, so now we all know more than you wanted to about this resistor spark plug cap, what 's the big deal? Well I have include a few photos below of a cutaway of these caps for your viewing pleasure, Notice the resistor built right inside these caps, take care when removing them from your engine never pry these caps off with a screwdriver etc as they are fragile and can break easily. The other key item that we need to be aware of is the connector inside of the cap that actually makes contact with the spark plug

top. This connector on the Bosch caps is a simple metal tap that only makes contact on one side of the plug top. The newer NGK caps have a machined brass insert that fully surrounds the plug top and it also has a small metal wire spring to ensure it "snaps" into place on the spark plug.

The normal high frequency vibration our engines produce while running will eventually wear out the connectors in either type of cap and both the electrical and mechanical connection will be compromised. It is extremely important for the people with inverted engines to check these regularly. As for you upright guys and gals, these should still be checked at least annually and replaced whenever wear is detected. Also watch for corrosion between the cap and plug top. These can be coated with dielectric grease, as all connections on our planes should be. Do not forget to use solid top spark plugs whenever possible and if using threaded top plugs at least Loctite or "ding" the threads to ensure the tops do not vibrate loose.

Blue skies and safe landings!

Gordy





Dues, Dues, Dues

All club memberships expired April 30, 2002. Dues for the next fiscal year are still only \$12.00. Your membership is expired if your mailing label shows 4/30/2002. This is your last newsletter if you do not renew now. Renew at the next club meeting or send a check to:

NCWLF
PO BOX 12
Schofield, WI 54476



Let's Go Flying

Our chapter is organizing flights on Tuesday nights this year. Places to visit, cookouts, suggestions, etc... can be directed to Steve Krueger 715-536-8828 or Dan Marlenga 715-359-7377. Wednesday nights will be used as rain dates.

April 2002 NCWLF Minutes



Our April meeting was held at Dean Turner's field at Lake Nokomis. President Steve Krueger called the meeting to order at 1:30 pm. We had an introduction of members and guests. There were 40 people attending. The treasurer's and secretary's reports were approved as read.

Old Business:

The "Vision of Eagles" sweepstakes continues for UL Chapter 75 until our next meeting. Everyone selling

tickets is asked to bring the money and left-over tickets in a sealed envelope to the meeting in Spencer on May 18th.

New Business:

If any members would like to participate in a weekend work party to prepare the EAA grounds for Air Venture 2002, please contact Steve Krueger.

Nominations were held for club officers and all current officers agreed to run for election again. The election

will be held at the May meeting.

Our club membership begins in April, and many people either renewed their memberships or joined. All UL Chapter 75 members should also be members of EAA.

Our chapter will receive a rebate from EAA for all new members who join.

Volunteers are needed for the Pioneer Day competitions.

Events

There will be an amphibian fly-in in Phillips in June, the exact date wasn't mentioned. During the first weekend in June there will be a fly-in at Wild Rose and a balloon festival at Pioneer airport in Oshkosh.

Next Meeting:

The next meeting will be at John Verfuert's field in Spencer on May 18th. We'll have competition practice for Pioneer Day in June.

Meeting adjourned 1:55 pm to Dean's house for refreshments.

Dody Neubauer

NCWLF Calendar of Events

May 18, 2002 Chapter 75 Meeting

Spencer, WI John Verfuert's

June 1 & 2 Annual Spring Fly-In

Wild Rose Airport June 1 open at noon, June 2 open at 8:00 AM Pancake Breakfast, Pig roast at noon, live music Sunday 11:00 AM - 2 PM

June 1-2, 2002 Family Flight And Balloon Festival

EAA Aviation Center, Oshkosh, WI

June 1, 2002 Slipstream Industries 3rd annual Fly-In

Wautoma, WI 9:00 AM - ? Food & Refreshments, Mike Puhl 920-787-5886

June 1&2 Graffiti Weekend 2002 Fly In / Car show

Marshfield R/C Fly In Sat 9 AM -4 PM Sunday Fly -In Car show Food & Beverage

June 15 Ultralight Day Pioneer Airport

Oshkosh, WI Prior Registration Only! Competitions, Ultralight demonstrations Food

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NCWLF Calendar of Events - cont.

(Continued from page 4)

& Fun

June 15, 2002 Chapter 75 Meeting

At Pioneer Day Oshkosh, WI

June 15 Pulaski Fly In Carter Airport

Pulaski, WI 9 AM -5 PM Food Music Prizes, M Urban 715-276-7933

June 16 Fathers Day Pancake Breakfast

Waupaca WI

July 20, 2002 LaSee-Jakel Fly-In & Chapter 75 Meeting

Abbotsford, WI LaSee-Jakel Fly-In

June 21-23 Rec Aviation Fly In

Stevens Point WI At hanger of Ralph McQueen 4 PM Fri -Sunday Noon, Pot luck lunch

June 22 Menomonie Airport Fly-In

Menomonie, WI Pancake breakfast car show

June 28 - 29 Salute to the Men and Women of the Armed Forces

Shawano, WI. Amy Damveld 715-526-6108

July 6 & 7 Eagle River Fly-In

Eagle River, WI Hanger Dance Saturday night 7 PM, Sunday Pancake breakfast, Lunch served all day, Refreshments

July 12-13 8th Annual GUMPS Fly-In

Northport PVT Camping, Ultralight Competitions Food Served, Cash raffle, Bonfire. Dan Hurst 920-788-5708

July 13 Harbor View Fly-In

Phillips, WI. Price Co. Airport Activities start at 8:00 AM

July 13 -14 Central Co. Flyers Old Car Show Fly-In

Iola, WI Central Co. Airport 7 AM to 11:00 AM Pancake Breakfast, 11:00 AM to 3:00 PM Burgers & Brats. Transportation to Old Car Show

July 21 Chapter 992 Fly-In Pancake Breakfast

Marshfield WI. 8:00 AM until 4:00 PM

July 21 Tomahawk Airshow Fly-In

Tomahawk, WI 7 AM until? Airshow performers, Airplane rides, food, beverage

July 23-29, 2002 Air Venture

Oshkosh, WI

August 11, 2002 Musky Day Fly-In

Boulder Junction, WI

August 16-18, 2002 UL State Fly-In

Lake of the Woods Wautoma, WI

August 17, 2002 Chapter 75 Meeting

Lake of the Woods Wautoma, WI

August 24-25 Upward Airshow

Eau Claire WI. 11:00 AM to 5:30 Full air and Static Venue

September 6-8 Annual Seaplane Fly-In

Cranberry Lake 2 Miles South of Eagle River Phil Hartman 715-276-4207

September 21-22, 2002 7th Annual Blume-Voss Fly-In & Chapter 75 Meeting

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Family Flight And Balloon Festival

EAA Family Flight and Balloon Festival will be held at the EAA Aviation Center on June 1-2..

The balloons are among the highlights of the two-day event, which also includes numerous hands-on activities, demonstrations and displays. The EAA Family Flight and Balloon Festival is designed for families to enjoy the wonders of flight

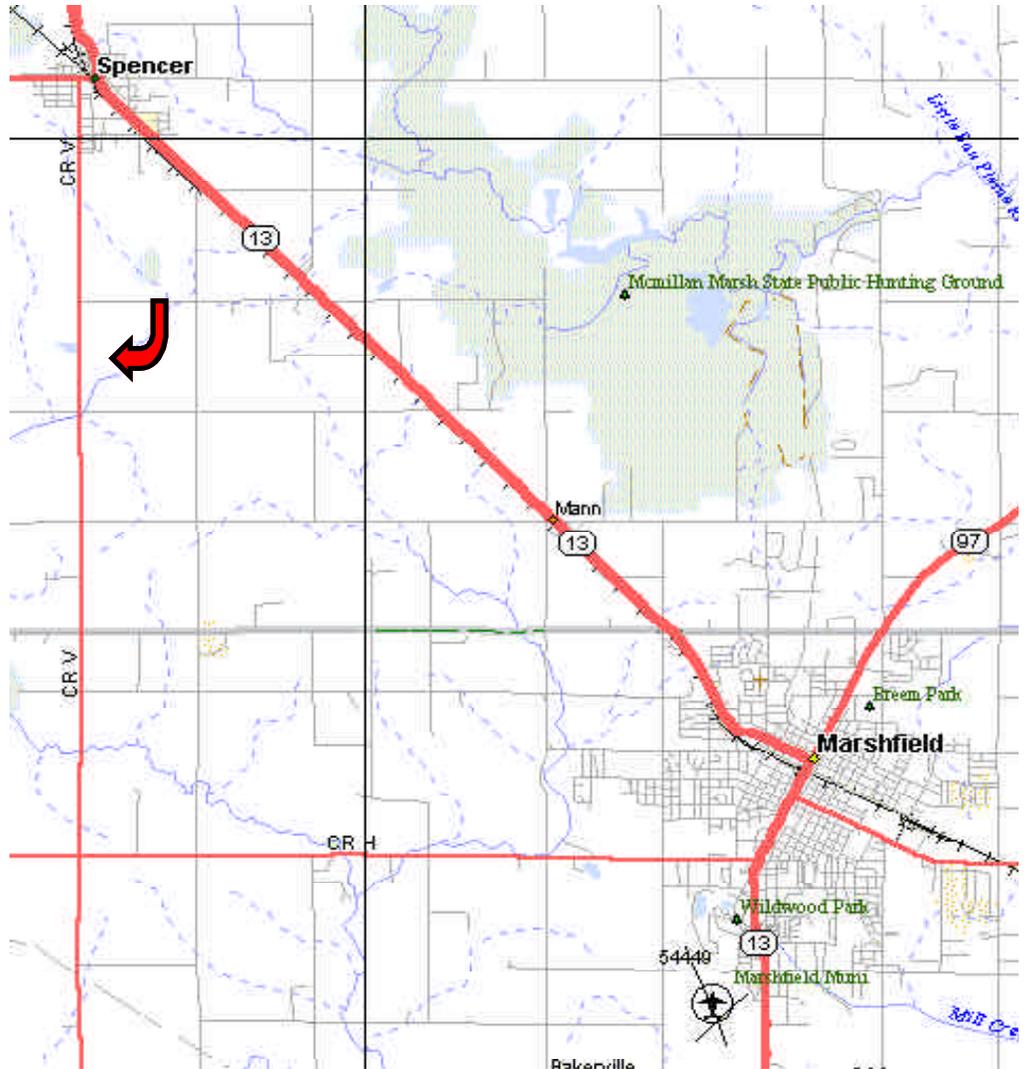
Chapter 75 is invited to participate in the festival at EAA's Pioneer Airport. EAA wants to show the attending public Ultralight aviation. This event will be similar to the Ultralight Day event we have done at Pioneer Airport, except no competition. Camping sites on the EAA grounds are available for all pilots and their ground crew. We will fly-in as a group just like Pioneer Day. Contact Steve Krueger at (715) 536-8828 for more information



NCWLF Meeting May 18, 2001 John Verfuerths

Saturday, May 18, 2002, at John Verfuert's air strip located 3 Miles south of Spencer on Hwy. V. **Meeting will begin at 10:00 AM** Rain date will be Sunday. Camping space is available for Friday and Saturday nights. After the meeting we will have a pot luck bratwurst cookout please bring your favorite grilling food. Following lunch it will be to the air as we will have our fun fly competition event consisting of bomb drops, torpedo runs and spot landings. Volunteers will be needed to set up and judge events. Call John at 715-387-3856 for additional information. GPS Coordinates N 44.43.328 W 90.17.787 See you there....

John Verfuert Fly-In and NCWLF May Meeting



(Continued from page 5)

Little Chicago, WI

October 6 Central Co. Flyers Fall Colors Fly-In Cent. Co. Airport

7:30 AM -11:00 AM Pancake Breakfast 11:00 Am -3 PM Famous Chile Dinner

October 19, 2002 Chapter 75 Meeting

Lake Nokomis, WI Dick Lees Polish Luau

November 16, 2002 Chapter 75 Meeting

Location TBD

December 14, 2002 Chapter 75 Meeting

Merrill, WI with EAA 243 & 640 Merrill Airport

A complete listing of all state fly-in events can be found at the WI Bureau of Aeronautics web page. www.dot.state.wi.us/dtid/boa

Calendar of Events is updated monthly.

Contact Tom Voss tvoss@pcpros.net to list events in subsequent newsletters

Buy | Trade | Sell | Wanted

☛ Kitfox Lite. Low time 2si engine, BRS chute, trailer and transport package available. Pictures at <http://www.geocities.com/Pipeline/Reef/9058> Asking \$14,000. Tim Duquaine DePere, WI tduquaine@new.it.com

☛ 2 year old 503 Rotax DCDI with 3.47-1 E-gear box. 70 hrs TT. Electric start, exhaust and oil injection. Excellent condition. Asking \$2100. Joe Urban, 715-8 2 3 - 2 3 5 4 flyby@frontiernet.net

☛ 1997 T-Bird 1 325hr. Rotax 503 dual ignition / single carb, oil inj, elec start. Cockpit has full enclosure, full compliment of analog gauges mounted in lexan panel. Includes streamlined strut covers, hyd. brakes, 6 & 12 gallon gas tanks, snow ski's, and BRS 750 Soft Pack parachute. Asking \$ 8,000. Also available:

Hanger rental on premises \$90 month. Bob Zaretzke 4720 Martha Lane Pewaukee WI 53072 262-781-2251 cell 414-791-7670

☛ Bill Markstrum has extra copies of Bob Wylie's excellent book, "Wings North" at \$30 each. This is a treasure trove of local aviation history. Call Bill to reserve your copy. 845-8673

☛ FlightstarII, 65 hrs. TT, 503 dual carb, e-gear box with electric start, full instrumentation with panel mount radio and intercom/2headsets, 3-blade ground adjust f-model powerfin. Many other extras including ski's. Pictures available. Contact Joe Urban 715-823-2354 flyby@frontiernet.net

☛ Looking to trade a 26 ft GMC motorhome for a Cherokee 180, 160, 140 or a Cessna 172. Some-

thing to train in and build hours. Do you know of anyone who has a Falcon XP for sale or trade, flying or a project? I also have a nice 18 ft sailboat I could trade for a Falcon-XP. Ron 573-348-4654 rbel-ler@2ultra.com

☛ 1992 Challenger 2 503 Rotax engine, updated wings, new puddle jumper floats with retractable wheels. BRS chute, new windows, fiberglass nose cone, flapperons, strobe lights, ski hardware, extra balloon type tires with hydraulic brakes. and held Delcom radio, instruments, and much more. \$ 18,200 or best offer. Glenn Wagner 7 1 5 - 4 5 3 - 8 4 6 1 . Glennsnr71@klinktech.net

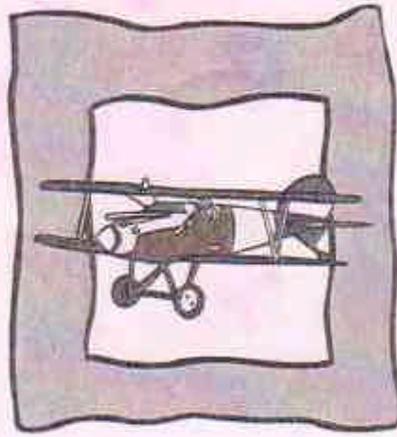
☛ Titan 1 with custom paint - 582 Rotax with 0 rebuild time on engine. Fully updated by Gordy Radtke. Jump seat option / BRS-5 chute. Full instrumentation with EIS. \$ 18,500 Tim Hanagan 92 0/734-8682 Appleton, WI

☛ KolbUltra-Star Folding wings. Stick and Rudder. 35 hp UL-202 engine with reduction, good paint, good fabric on wings and tail. Good condition overall. Seat tank. Includes trailer. Fly home or trailer. \$ 3,700 262/677-1357 evenings.

Excellent hangar or storage units - 8 to 48 ft wide



Contact George Kramer
Deerbrook WI
715-627-7925 gmramer@msn.com



**E.A.A. Chapter 307
Chickenque
Sunday, June 9, 2002
Holland Airpark (36WI)**

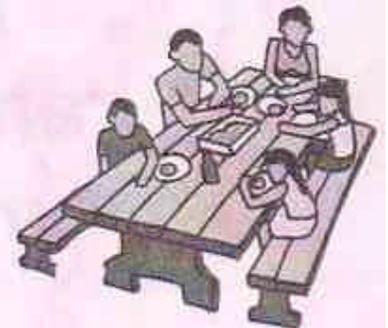
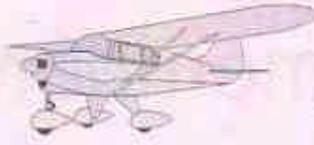
(10 miles north of La Crosse - LSE)

Serving the world's best
barbequed chicken with a bountiful
buffet of side dishes!

Serving begins at noon (and continues until food runs out!)

A GREAT FAMILY EVENT!

\$6.00 - adults \$3.50 - 11 & under



P.I.C Experimental eats free!

Holland Airpark (36WI) is 3,200' paved, 18/36.

CTF: 122.90 Coordinates for Holland: N44 02 201 W91 17 985

For more information, contact Chuck Young at 608-526-3500

or email CYoung9519@aol.com