

North Central Wisconsin North Central Wisconsin

Lite Flyers

P.O. Box 12
Schofield, WI 54476

April 1997

President: Steve Krueger	(715) 536-8828	Board Member: Mark Blume	(715) 443-2835
Vice President: Rich Papa	(715) 845-4170	Board Member: Dan Marlenga	(715) 359-7377
Sec/Treasurer: Steve Norris	(715) 842-4286		

Editors Notes

As I write this I note on my calendar that tonight I must adjust my clocks to "Daylight Flying - Saving Time". I can now look forward (with envy) to seeing all of the Wausau based U.L.'s in the pattern over my house field-side. I did observe the Marlenga-Norris craft out Friday in the very strong southerly wind. With careful throttle control they were motionless over the field.

All of you with "wing", enjoy the coming months in beautiful Wisconsin.

I was privileged to sit in on chapter 75's board of directors meeting last week. The calendar of events for summer '97 was being developed and it appears to be an exciting, active one. President Steve Krueger will fill you in on the details at the next meeting (Merrill Airport, April 19th).

Just received the April "Experimenter" and as always it is full of interesting projects, ideas, and information. Be sure to read the "ARAC Update" on page 2.

There have been some interesting adventures in our own ranks as well. Hopefully Dan Marlenga will give us a clunk by clunk report on his engine-out procedure at our April meeting. He can tell us all about "Sun and Fun" at the same time.

Until then, low winds, high-visibility!

Bill Markstrum

Next Meeting

Merrill Airport, Saturday April 19 1:30 p.m. Hope to see you there.

Dues, Dues, Dues

Something new on your mailing label. If you haven't paid your \$12.00 you will see a 4/97 in the right hand corner, and if you're paid up you'll see 4/98. Dues can be mailed to our P.O. Box number or pay at the Merrill meeting. FYI our calendar year runs May through April.

Lost & Found

Lost my favorite Flying Tape. If you accidentally picked it up at our January evening meeting please call me.
John Resinger 536-8665

Weekend Work Party

At our last meeting it was discussed to have a weekend work party at Oshkosh to help EAA prepare for the big event. Bring you calendars to the next meeting so we can get a weekend date planned. All meals and refreshments are provided along with Bunkhouse facilities. For more information contact Steve Krueger at 536-8828.

Competition Event

Our chapter will be hosting a Competition Event at Pioneer Airport Days in Oshkosh on June 14 (June 15 rain date). There will be 3 events, Bomb Drop, Torpedo Run, and Spot Landing, with awards in all events. Much of the ground work has been done, however, we need your help in any or all of these events. If you are able to pitch in please contact Dan Marlenga at 359-7377 or at our April 19th meeting. Sounds like a great fun event.

Election of Officers

Nomination and election of Officers will be conducted at our April Meeting. If you would like to run for office or know someone who would, bring your nominee with you and join in the fun of running the Ultralight Chapter.

March Month End Treasury Report:

<u>March Balance Forward:</u>	\$188.88
<u>Receipts</u>	
Dues	\$ 168.00
Calendars	\$ 10.00
<u>Total Receipts</u>	\$ 178.00
<u>Disbursements</u>	
Account Charge	\$ 4.00
<u>Total Disbursements</u>	(4.00)
<u>Ending Balance</u>	\$ 337.88

Dead Engine In Flight

It is not a matter of IF but of WHEN, because it will happen. See Dan Marlenga for details. Great Job of getting the plane down safely. We are all proud of you!

Way Up North Fly-In

At the Eagle River Airport. Saturday June 21st and Sunday June 22nd. Lat. 45-55-91 N Long. 089-16-14 W. Our fly-in is in conjunction with the annual airport fly-in Sunday fly-in pancake breakfast. Many aircraft will be on display, along with antique cars and dresser bikes and 3-wheel motorcycle trikes. Saturday night is a good time for all. There will be a "big band dance" of the 40's and 50's era. Many people dress to the occasion. Lots of fun and refreshments are available, along with lots of seating. At our hangar we will have a main get together point for hangar tales and stories along with lite snacks and beverages. People that are driving up can camp on the grass behind the hangar. Provisions for a few motor homes will be provided. Pilots flying in will have access to gas cans and funnels (no oil). Any repairs can also be done at our hangar. The local RC aircraft club will have demonstrations on the grass field; our main blacktop field is 5000 feet long. There is water available, along with electric at my hangar. Restrooms will be close by. Give me a call if you have any questions. An RSVP would help me in regards to food. Hope to see you and the sky full of ultralites also.

Pat Kenny
PO Box 982
Eagle River, WI 54521
715-479-5036

Safety Alert

(This article originally appeared in a magazine called the Antique OutBoarder! Thought it would be a great safety tip - Steve Krueger)

PICKUP TRUCK BEDLINERS CAN CRETEATE A FIRE HAZARD

We recently received information regarding portable gasoline cans spontaneously igniting while being filled on pickup truck bedliners. Evidently the plastic bedliner acts as an insulator and prevents static charges from being dissipated before fuel is dispensed into the containers. In order to verify the information received, Divisions EH&S contacted the Connecticut State Fire Marshall's Office. The Fire Marshall had received information regarding several explosions and contacted the Petroleum Equipment Institute (PEI) for additional information. The PEI solicited members regarding incidents involving the filling of portable containers with fuel. PEI members identified 20 accidents occurring in recent years involving the filling of portable containers with fuel. Listed is a summary of the findings reported through the PEI to the Connecticut Fire Marshall's Office.

- 13 accidents occurred while fueling metal containers either in the plastic lined bed of a pickup truck (12 accidents) or the carpeted bed of a pickup truck (1 accident).
- 4 accidents occurred while filling plastic containers on the plastic lined bed of a pickup truck.
- 1 accident occurred while filling a plastic container that was formerly in the back of a pickup truck.
- 1 accident occurred while filling a plastic pail on the ground.
- 1 accident occurred while filling a metal container on the carpeted floor of an automobile that had been driven with the windows open.

LESSONS LEARNED

Evidently portable containers riding in vehicles can accumulate a static charge as the vehicle travels from one place to another. This occurs either from the friction of the can sliding on the bed of the pickup or the air flow around the can when the vehicle is moving. A static charge can also be generated by the flow of gasoline into the container. Once the charge is built up, it can not be dissipated to the vehicle because of the insulating effect of the plastic bedliner, floor mats or carpets. The charge resides either on the surface of the container or in the gasoline itself. As the person moves the metal nozzle close to the container, it is believed that a static spark jumps from the container to the nozzle. The spark can ignite any flammable vapors present in the can or the end of the nozzle.

The National Fire Protection Association (NFPA) publication, Automotive and Marine Service Station Code (NFPA 30A 1993 Edition), states that gasoline as well as other fuels having a flash point below 140 degrees F shall be delivered into metal or other "approved" containers provided with tight closures and spouts or so designed that the contents can be poured without spilling. The NFPA code further prohibits the filling of portable containers of 12 gallons (45 liters) or less while the containers are in or on a motor vehicle or marine craft.

The following basic guidelines should be followed by Hamilton Standard associates when filling portable containers used for fuels:

- **Use only approved containers** (approved by Factory Mutual, UL, or recognized local or state fire prevention authorities)
- **Do not fill a portable container** in a vehicle, vehicles trunk, pickup bed, or any surface other than the ground. Remove the container from the vehicle. If the container is too heavy to allow easy removal

and placement back into the vehicle, use a smaller container.

- Keep nozzle in contact with portable container during filling.
- Do not fill to very top of portable container. Gasoline expands as it warms.
- Never use latch-open devices to fill portable containers.
- Spills should be cleaned up promptly and properly. Spills involving fuels should be reported to supervision and others in accordance with local, site or Division reporting requirements.

Associates should also follow these guidelines at home. As many associates use portable gasoline or other fuel containers with their cars, lawn mowers, ATV's, boats, snow blowers, snow mobiles, etc., this Alert should be shared with them. Associates should be made aware of the hazards of refueling portable fuel containers and the need to refuel containers while the containers are on the ground.

NCWLF Calendar of Events

APRIL 19TH -

NCWLF Club Meeting
1:30 p.m. Merrill Municipal Airport

MAY 17TH -

NCWLF Club Meeting
1:30 p.m. Tentatively Wausau Municipal
Downtown Airport. Wisconsin Aviation History
by Bob Wylie (Tentative)

JUNE 14TH -

Oshkosh Pioneer Days Ultralight Fly-In
(EAA/Chapter 75 sponsored Competition
Events) July 15th set as rain date. Brief Monthly
meeting to be held at the Bunk House following
the days event.

JUNE 21st - 22nd

Way Up North Fly-In
Eagle River Airport. Eagle River, WI. See
separate article for all the details.

JUNE 27TH - 29TH

Gump's Flying Circus
Northport Private Airport Royalton, WI.
Competitive Events. Guaranteed fun for
everyone!

JULY 18TH - 20TH

Lyndon Station Fly-In (Near Wisconsin Dells)
Camping available. Another fun for the whole
family event!

JULY 19TH -

NCWLF Club Meeting

(Time and Location to be determined)

JULY 27TH -

Tomahawk Airport Days

Ultralights are welcomed and encouraged to come and participate. Air show, Eats, Car show, and a big smile from our very own "Capt. Dick Lee". Mark Blume made his Precision Flying Debut at this event! Not to mention his first radio broadcast on the elements of fun found in the sky!

JULY 30th - August 5th

EAA Oshkosh Fly-In Convention (The Big Daddy)

Ollies Birds Eye View 101st Porkchop Division Camp Out Jamboree. Warning!! This may be more fun than the ordinary, so come prepared.

AUGUST 16TH & 17TH

Wautoma State Ultralight Fly-In Lake of the Woods Campgrounds.

An absolutely great time for the whole family! Fantastic Accommodations including camping, miniature gulf, swim'n pool, arcade and country western band music at night, not to mention the sound of Billy and the Porkchops singing that World renowned Chapter song by the campfire. Don't miss this one!!!

SEPTEMBER 13TH - 14TH

Lyndon Station Fly-In (2nd Bi Annual)

NOTE: If any member knows of any events not listed above, please contact Mark Blume so we can include in subsequent calendar of events which will be updated monthly

Club Apparel

Contact Steve Krueger to place an order for polo shirts and jackets (a 50% down payment is required when ordering jackets). Caps are available for purchase at each club meeting from Steve Norris.

Caps \$ 10.00
Shirts \$ 23.00 - 24.00
Jackets \$ 50.00 - 60.00

EAA Ultralight Chapter 75

Buy / Trade / Sell

- New dual CHT gauge with 2 senders, 6 ft leads 2" round mount. \$ 50.00.
New Quicksilver instrument pod for MXII or MXL # from Skysports. Color is black, all mounting hardware and face plate included. \$ 100.00.
3 wheel parts for Quicksilver. 1 nose wheel part for steerable nose, and 2 mains. \$ 50.00 each.
Challenger prop 54 x 36 in good shape \$ 80.00.
Contact David Ristau E14484 CTH HH Osseo WI, 54758 715-5973963.
- Quicksilver MXL I-3 axis. Controls, Steerable Nosewheel, Saddlebags. BRS soft Chute, Brakes, Gauges, 32 hrs on rebuilt engine. \$4,400. 414/563-9654.
- Rotec Rally Sport. 503 Rotax, Factory Pod, Instruments, Strobe, Many Extras. Great flying machine – always hangared. \$3,500. Contact Steve Krueger at 715/536-8828.
- Teratorn T/A (three Axis Control). Rotax 28HP engine. Air speed indicator. Tachometer. Altimeter. Brakes. Battery Strobe. hangared. 38 Flying Hours. \$ 2,500 or reasonable offer. Eugene (Bud) Rush N884 Daisy Drive Genoa City, WI 53128 414/279-6332.
- For sale or trade up or down. Varieze as displayed at the Wausau Airport Hangar sometime ago. I will also be getting rid of a few other things. Ed Mux 715/536-7404.
- Fischer 202 Koala. 86 hours total time. 277 cc Rotax engine. Call John Verfuert 715-387-3856
- Wood wing kit for Fisher Super Koala-1 wing assembled, part to build other wing, also tail assembly. Wing could be used on any type ultralight or home built, "use your imagination". Come see,

make offer. Bill Kasten 715-446-2225 days or 446-2054 evenings.

- 1988 EAA Fly-in Kessler Mirror - Collector Item \$110.00. Bill Kasten 715-446-2225 days or 446-2054 evenings.
- Factory Sales Brochures (literature) for Cessna, Beechcraft, Piper Tri-pacer, Riley Twin, Aero Commander. From 1955 - 1956. Good Condition. Call for details. Bill Kasten 715-446-2225 Days.
- 1987 Challenger II. Completely gone through. Ex-fabric on wings and fuselage. Nice paint. 503 DC. New electric start. All instruments. Elec. fuel system. Navigation and strobe lights. Too much to tell here. Trades welcome. \$10,500. Contact Pat Kenny (715) 479-5036 evenings.
- Challenger II. 274 Hours. 503 Rotax. Hiper Light N8. 79 Hours. 447 Rotax. Tertorn TA. 64 Hours. 298 Rotax Twin. Contact Reiny Hirsch (715) 384-5073.

Newsletter

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 tvoss@pcpros.net

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

THE SPRINGTIME RIDE OF DAN MARLENGA

BY BILL MARKSTRUM

IT'S SPRINGTIME AGAIN
WHAT BEAUTIFUL WEATHER,
I'LL GIVE STEVE A CALL
AND WE'LL FLY OUT TOGETHER
THE NOW GREENING FIELDS
WERE BEAUTIFUL SIGHTS,
AS SOUTHWARD HE FLEW
WITH STEVE ON HIS RIGHT
OVER THE FORESTS
AND ROLLING TERRAIN,
WAITING TO FRESHEN
WITH GENTLE SPRING RAIN
THEN STEVE DRIFTED OFF
HE DIDN'T KNOW WHERE,
AND DAN WAS ALONE
IN THE GOLDEN SPRING AIR
ADMIRING THE VIEW
AS HE LOOKED ALL AROUND,
HE WAS HARDLY AWARE
OF THE CHANGE IN SOUND
AS THE ROATAX REVS
BEGAN TO DECREASE,
SLOWER AND SLOWER
AND THEN TO CEASE
THERE IN THE QUIET
OF MOTORLESS FLIGHT,
DAN LOOKED AROUND
FOR A CLEAR LANDING SITE
HE CLEARED THE WIRES
BY JUST A FEW FEET,
AND FLARED IN A FIELD
HE HOPED WASN'T WHEAT
AND AS HE UNBUCKLED
IT CAME TO HIM THEN,
YOU NEVER SAY IF
YOU ONLY SAY WHEN!

The following information was provided by Dick Lee. Thanks Dick!

Wisconsin

VORS

Location	Type	Ident	Freq	Lat	Long	Elev
Ashland	VOR-DME	ASX	110.20	N46 32'	W90 55'	820
Badger	VORTAC	BAE	116.4	N43 07'	W88 17'	1080
Burban	VOR-DME	BUU	114.50	N42 41'	W88 18'	770
Dells	VORTAC	DLL	117.00	N43 33'	W89 45'	1020
Eau Claire	VORTAC	EAU	112.9	N44 53'	W91 53'	900
Falls	VOR	FAH	110.00	N43 46'	W87 50'	
Green Bay	VORTAC	GRB	115.50	N44 33'	W88 11'	760
Hayward	VOR-DME	HYR	113.40	N46 01'	W91 26'	1207
Horlick	VOR	HRK	117.70	N42 45'	W87 48'	669
Janesville	VORTAC	JVL	114.30	N42 33'	W89 06'	900
Kenosha	VOR	ENW	109.20	N42 35'	W87 55'	730
La Crosse	VOR-DME	LSE	108.40	N43 52'	W91 15'	650
Lone Rock	VORTAC	LNR	112.80	N43 17'	W90 07'	
Madison	VORTAC	MSN	108.60	N43 08'	W89 20'	860
Manitowoc	VOR-DME	MTW	111.00	N44 07'	W87 40'	650
Oshkosh	VORTAC	OSH	111.80	N43 59'	W88 33'	780
Rhineland	VORTAC	RHI	109.20	N45 38'	W89 27'	1590
Rice Lake	VOR-DME	IKE	110.00	N45 28'	W91 43'	1130
Siren	VOR-DME	RZN	109.40	N45 49'	W92 22'	987
Stevens Point	VORTAC	STE	110.60	N44 32'	W89 31'	1110
Timmerman	VOR-DME	LJT	112.50	N43 06'	W88 02'	750
Wausau	VORTAC	AUW	111.60	N44 50'	W89 35'	1202
West Bend	VOR	BJB	109.80	N43 25'	W88 07'	870

Wisconsin

NDBs

Location	Ident	Freq	Lat	Long	Elev
Ameron	AHH	278	N45 16'	W92 22'	
Antigo	AIG	347	N45 09'	W89 06'	1518
Arbor Vitae	ARV	221	N45 55'	W89 43'	1627
Big Doctor	BXR	203	N45 49'	W92 21'	998
Black River	BCK	362	N44 15'	W90 50'	835
Bong	SUW	260	N46 41'	W92 06'	675
Calin(LOM)	DU	266	N44 34'	W90 09'	1170
Cappy(LOM)	MK	410	N42 50'	W87 54'	678
Central	HWS	377	N44 46'	W89 40'	1264
Clintonville	CLI	209	N44 37'	W88 43'	865
Codee (LOM)	EN	389	N42 33'	W88 01'	
Cumberland	UBE	375	N45 30'	W91 58'	1239
Danci (LOM)	CW	275	N44 45'	W89 47'	1235
Depre	SG	332	N44 23'	W88 07'	637
Eagle River	EGV	341	N45 55'	W89 15'	1644
Famis (LOM)	GR	356	N44 26'	W88 14'	
Fichy (LOM)	II	224	N44 45'	W87 26'	700
Fon Du Lac	FLD	248	N43 46'	W88 29'	
Gamie (LOM)	AT	230	N44 09'	W88 35'	
Hartford	HXF	200	N43 20'	W88 23'	1032
Janesville	JVL	375	N42 36'	W89 02'	900
Juneau	UNU	344	N43 25'	W88 42'	968
Kennedy	ENY	254	N46 33'	W90 54'	826
Kettle Moraine	LLE	329	N43 25'	W88 07'	
Kickapoo	HBW	251	N43 39'	W90 19'	
Kooky	AKT	407	N44 12'	W88 23'	753
Lake Lawn	LVV	404	N42 42'	W88 35'	
Land O Lakes	LNL	396	N46 09'	W89 12'	1706
Maggs (LOM)	EA	239	N44 56'	W91 22'	
Manitowish	MHA	364	N46 07'	W89 52'	1610
Marshfield	MFI	391	N44 38'	W90 11	1261
Medford	MDZ	335	N45 06'	W90 18'	1461
Merrill	RRL	257	N45 11'	W89 42'	1316
Mindi (LOM)	LS	272	N44 00'	W91 15'	
Mineral Point	MRJ	365	N43 53'	W90 13'	1157
Monah	MS	400	N43 03'	W89 20'	
Necedah	DAF	233	N44 02'	W90 04'	914
Neilsville	VIQ	368	N44 33'	W90 30'	1204
Nepco (LOM)	EK	326	N44 15'	W89 53'	925
New Richmond	RNH	257	N45 08'	W92 32'	995
Oconto	OCQ	388	N44 52'	W87 54'	603
Osceola	OEO	233	N45 18'	W92 41'	896

Paser	RA	206	N42 40'	W87 53'	710
Pillips	PBH	263	N45 42'	W90 24'	1463
Plateville	PVB	203	N42 41'	W90 26'	
Pober (LOM)	OS	395	N43 52'	W88 33'	
Rice Lake	RIE	407	N45 28'	W91 43'	1130
Rock River	RYV	371	N43 10'	W88 43'	822
Rusk Co	RCX	356	N45 30'	W91 00'	1241
Seeley	SLY	344	N46 06'	W91 23'	1200
Shebb (LOM)	HE	338	N43 50'	W87 46'	693
Shell Lake	SSQ	212	N45 43'	W91 55'	1232
Solon Springs	OLG	388	N46 19'	W91 48'	1099
Sturgeon Bay	SUE	414	N44 50'	W87 25'	771
Teels	GM	242	N42 54'	W88 02'	
Waukesha	UES	359	N43 02'	W88 14'	905
Waupaca	PCZ	382	N44 19'	W89 00'	804
Wausau	FZK	243	N44 55'	W89 37'	1202
Wisconsin	ISW	215	N44 21'	W89 50'	1069