

EAA Ultralight Chapter 75

North Central Wisconsin Lite Flyers

PO Box 12 • Schofield, WI • 54476

Editorial Notes by Rich Prange

Seaplane Base

Clean up on Memorial Day weekend at the Oshkosh seaplane base was business as usual. Not quite! If you attend AirVenture 2018 be ready for a total make-over at the seaplane base. I arrived early at Streich Lane on Lake Winnebago and thought, "Oops, wrong turn."

New changes sound promising, reasonable and logical. One of the major requirements was to improve a turnaround area for emergency

vehicles which affected the location of most of the existing buildings.

Moving buildings, plus a new electrified camping area for volunteers, will definitely bring a different look to the seaplane base. A mountain of work is yet to be completed.



Drones

My earliest recollection of this noun was in reference to "Mr. Bee". Yes, the honey collecting insect, and his only purpose was to assure the continuance

of the buzzing squadron back at the hive. Once that mission was accomplished he was history. As a little boy I didn't think that was very fair.

My mission with this writing is to make a distinction between RC aircraft and the current generation of UMAV drone machinery. Right after learning about the injustice to "Mr. Bee", the term drone popped up again, referencing disposable aircraft built and used strictly as a target for military purposes.

Throwaway Aircraft

Roll our calendar back to 1935. A stripped down version of the historic DeHaviland Tiger Moth became one of the first RC aircraft to be used as a realistic perishable target for anti-aircraft batteries in England. This flying target concept continued into WWII. I started to pay attention to flying machines about 1945. What little kid didn't look up at airplanes in the 40's?

Mass produced target drones were introduced in 1943. Model OQ-1 built by "Radioplane" (clever company name) in 1939, were the first. As for specs, they were powered by a seven hp two cycle Richter engine. These early "throwaways" could stay aloft



for an hour and reach speeds of 80+ mph.

Counter rotating propellers on these small aircraft was necessary to negate engine torque. Early models had no landing gear; later versions deployed a recovery chute, assuming they survived target practice. By the way, Norma Jeane* Dougherty's job at "RadioPlane" was to spray fire retardant coating to each drone shipped out the door.

As with most military prototypes and models the natural evolution was more power, bigger flight package, longer range, and more reliable radio guidance. For later generation drones, that extra power came from McCulloch engines configured in two through six cylinders. Obviously history and technology has moved on. Current drone aircraft are powered with electric motors and designed as helicopter vehicles or fixed wing airplanes using miniature diesel engines. Some of these robots can stay aloft for 36+ hours and are no longer considered "throwaways".

Bottom Line

Our local AMA/RC pilot community pilots helped educate me and if I listened carefully their distinction between drones and RC model aircraft

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Lite Flyers
PO Box 12
Schofield, WI

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President

Steve Krueger
715-536-8828

Vice President

Dan Marlenga
715-432-5990

Secretary

Jim Shnowske
715-693-4254

Treasurer

Larry Wenning
715-536-5326

Newsletter Editor

Rich Prange
715-536-1704

Web Editor

Tom Voss
715-892-8813

Videographer

Ron Detert
715-845-1340

Safety Directors

Pat Kenny
715-479-5036
Jack LaSee
715-223-4540

Board Members

Paul Buss
715-253-2490
Joe Mapes
715-592-4537
Lyle Banser
715-493-8016

Fly Night Coordinator

Dick Neitzel
715-891-7213



NCWLF Treasurer Report June 2018

<u>Checking</u>		<u>Savings</u>	
Balance Forward	\$ 1,856.58	Balance Forward	\$ 31,661.67
Checking Deposits		Interest	.80
Deposit	241.00		
Checking Payments		<u>Savings Balance</u>	\$ 31,662.47
Cash - June	100.00		
<u>Checking Balance</u>	\$ 1,997.58	<u>Total Cash</u>	\$ 33,660.05

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

May we Send you an Electronic Version of the Newsletter? Yes No

e-mail _____

Name _____ Phone _____

Address _____

City _____ State _____ Zip _____

EAA # _____

Type of plane 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.

Send dues to: NCWLF P.O. Box 12 Schofield, WI 54476

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

Thomas L. Voss

15203 Short Lane Dr Marathon, WI 54448

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

Send comments, questions, suggestions, etc... to tvosswi@gmail.com



Editorial Notes cont...

(Continued from page 1)
 was a bit grey but for the most part complimentary. They use a lot of blended technology both to power and guide their scale models and UAVs.
 The RC guys did not indicate any conflict of interest or com-

petition for airspace. They did speak for appropriate flying ethics and respect for aviation safety. "Big Box Store" done pilots however were a minor concern. Camera mischief and disregard for privacy by inexpe-

rienced drone flyers can affect airspace for all of us.

Coincidence, the original Dehaviland DH82B drone was also referred to as "Queen Bee".

Keep your needle in the green.

*Marilynn Monroe

May 2018 NCWLF Meeting Minutes

The May meeting of the NCWLF was held at the new terminal building at the Merrill Airport. 46 people attended with 8 airplanes flying in. President Steve Krueger called the meeting to order with the ringing of the Payzer Bell (Thanks Bob!). Self introductions were followed by the reading of the secretary and treasurer reports which were accepted as read.

Old Business: A chapter service award was presented to Jim Shnowske (club secretary).

New Business: Nominations of officers was opened at last months meeting. There were no nominations. A motion was made to maintain the current officers. Motion passed.

EAA Ultralight Day is Saturday June 16th at Pioneer Airport at

the EAA Museum. If you are driving there is no requirement for advance notice as in the past. Steve passed around some sign-up sheets for those wanting to fly in for the day. LSA aircraft only. Contact Steve for more information.

Tuesday evening fly night schedule for this summer is filled. Watch the newsletter for dates and destinations. Rain dates are the following Tuesday. Also Wisconsin Burger nights are starting up in June. Check the WI DOT site for schedules.

Steve congratulated Rich McCullough for passing his private pilot written and soloing his Champ. Also, Dan Marlenga is in the process of flying off his Phase One hours in his Rans.

Steve presented a safety topic on using checklists. Simple or complex...USE ONE!

Flying Reports: Merrill and MaDonna flew to the Three Lakes Airport and report the runway is in good shape.

\$100 Drawing: Names drawn in order were - Brian Krueger and the winner is Brett Wilke!

Next months meeting is cancelled because of Ultralight Day but the July meeting will most likely be in Abbotsford. Check this newsletter for more accurate information.

Meeting was adjourned and a delicious lunch was provided by the Merrill group.

Secretary

Jim Shnowske

EAA Pioneer Airport Day 2018

The Father's Day weekend Ultralight / Light Sport Chapter Fly-in at EAA Pioneer Airport is being held once again! EAA, invites you and our chapter members to participate in this event held on Saturday, June 16th at EAA's Pioneer Airport.

As we did in prior year's events, each chapter has identified flight leaders. Chapter 75 is Steve Krueger & Joe Mapes,

Flight leaders are asked to be responsible for organizing their chapter and ensuring that the group flies into Pioneer Airport together, and follows the proper procedures. Mass EAA UL 75 arrives between 10:00 - 10:15 a.m., departing from the Wild Rose Airport, weather permitting. Contact flight leads for last minute information.

Here are a few of the details:

- All arrivals to Pioneer Airport must be as a group with the designated flight leader in charge of the group.

- Any ultralight or light-sport aircraft that would normally fly at the ultralight runway during AirVenture are welcome to attend.

- Beginning at 1 p.m pilots will

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Next NCWLF Meeting

July 14

No Chapter 75 Meeting Planned in June, hope to see you at EAA's Pioneer Airport

Buy Sell Trade

 Kitfox Model IV Speedster w/Rotax 912 UL! (N415EP Engine serial #4402017) Grove landing gear! Kiev Hot-Prop! Lowrance Avionics AIRMAP 500 (GPS, Mounted) ASI, VSI, Altimeter, compass, Volt meter RPM, EGT, CHT, Oil pressure, Oil Temp. Two headsets (DRE Communications 600 enr - active noise reduction). Transponder (NARCO AT 150 TSO). In-dash radio (Icom IC-A200). Cabin heat (toggle radiator fan on/off). Wingtip Strokes (toggle on/off). Navigation lights (toggle on/off). Landing lights (toggle on/off). External intercom box w/ audio jack (Optional - listen to music, etc). Large cargo area behind seat (w/ Tie-down rope, ground screws). 19 Gal tanks (6 gal on pilot side, 13 gal on passenger side, header tank behind seat). This plane loves to cruise between 80 and 100 mph on ASI. Top speed is about 120mph on ASI. Touches down at about 45mph ASI with one 200lb pilot and stalls about 55mph with a 200lb pilot and full tanks. This wonderful little plane is a treat to fly and deserves to be flown more than it is. Currently stored in Escanaba, MI \$23,000 Mike Ford 715-848-2110 ford2003@yahoo.com

 Don Mahn's 75% Completed Pietenpol. Freshly Rebuilt Corvair engine, Engine is Hung,



Buy Sell Trade cont...

- Paint Fabric, Airframe Complete. \$6,500.00 Contact Mary Mahn 920-460-6848
- ✈️ 1990 Rans S12S 711.6TT Rotax 100HP 743 TT, Conditional Inspection March 2017, Microair 760. Complete rebuild gear box by LEAF March 2017. Wing tip strobes, Nav lights, Intercom, Cabin Heat, New ELT batteries, Extra main wheels with wheel pants. A fun flyer. Great visibility. Asking \$27,000 Ken Whyte 715-891-3912 Ken-fly140@aol.com
- ✈️ 1998 Blue and Black Rans S-5 built by Rans as their show bird for EAA in 1998. Rotax 503 UL DCDI. Aircraft has 268 hrs and engine has 178 hrs. Lots of spare parts, 2 new carburetors, new muffler, radio, and test equipment and much more also go with it. Clear coated for UV protection, always hangared, Based in Antigo \$ 1 2 , 0 0 0 O B O . Pete Dernbach 715-350-9068
- ✈️ 1990 Kolb Firestar 503 Rotax \$4,500 David Breger 920-410-4671
- ✈️ 1947 Luscombe 8A Half interest Qualifies Light Sport S/N 5689, N2962K Continental 65hp (A-65-8) Aluminum/blue, Cleveland brakes, New tail wheel, Skis, Sporty's A300 Trans, ext ant, push-to-talk, intercom. Airframe TT 3164 hours. 787 SMOH. STC autogas (SA730GK, SE634GL) Current annual 6/2010 Hangared Stevens Point, WI \$8,000 Charley White 715 344-5646
- ✈️ Aero Vee VW engine that appears to be 1700 CC. Needs some TLC to make it airworthy.

EAA Pioneer Airport Day 2018 cont...

(Continued from page 3)

conduct several proficiency events per the approved EAA chapter guidelines. Proficiency events include accuracy landings, bean bag drops, and torpedo run contests. Proficiency events organized and run by Chapter 75. Any competitor who scores in the top three of each event will receive a special plaque.

◦ **Lunch will be available for purchase from 11 a.m. to 2 p.m.** No pre-arranged dinner is planned.

◦ **EAA Pioneer Vintage Aircraft** rides will be available for purchase from 10:30 a.m. to 12:30 p.m.

◦ **Admission to the activities is included with regular museum admission for non-EAA members, and is free for EAA members.**

◦ **100LL fuel is available at Pioneer airport.**

◦ **A guard will be posted at the**

car drive entrance to Pioneer Airport. Passes are not required this year Mention you are with EAA UL chapter 75. to the guard for admission, please park in the EAA Nature Center or EAA Air Academy Lodge parking lots and walk to Pioneer Airport.

◦ **EAA has camping facilities and beds in the volunteer bunkhouse.**

◦ **A list of planes flying in was sent to Timm Bogenhagen from Steve Krueger in May.**

If you are still interested in flying in for this fun event, contact Steve Krueger 715 204 2928 or Joe Mapes 715 570 2320, EAA UL75 flight Leaders

For more information call Timm Bogenhagen EAA Ultralight & Light-Plane Community Manager 920-426-6831 or 920-203-5200

EAA Pioneer 2018 Agenda

Saturday June 16th

9:00 am Arrival from Dodge Co

EAA UL Chapter 1

9:30 Arrival from Wautoma, Chapter 1331

10:00 Arrival from A Flight North Central Wisconsin, UL Ch. 75

10:15 Arrival from B Flight North Central Wisconsin, UL Ch. 75

10:30 – 12:30 Pioneer Vintage & Young Eagle flight operations

11:00 Pilot Proficiency event briefing

11:00 - 2:00 Lunch concession open

12:30 pm Set up runway for proficiency events

1:00 – 3:00 Ultralight & Light-Plane Pilot Proficiency Events

3:30 Awards & Departure briefing

4:00 Departures

Sunday June 17th

8:00 am Departure briefing

8:30 Departures

Tailwheel Pilots Safety Seminar and Training

EAA **AOPA**
your freedom to

Pick a Location and Mark your Calendar!

Attend presentations by FAASTeam Representatives and meet/fly with local instructors that specialize in tailwheel training. Feel free to bring a friend!

The seminar will be held at the following locations and dates:

Cumberland- 6/9/2018
Three Lakes- 6/23/2018
Palmyra- 8/11/2018

Provided by AOPA, EAA, WisDOT and MKE FSDO.
For more information visit FAASafety.gov, wisconsindot.gov or contact: **Levi Eastlick**
608-267-5018 levi.eastlick@dot.wi.gov

FAAST FAA SAFETY TEAM

Bureau of Aeronautics WISCONSIN DEPARTMENT OF TRANSPORTATION



Tuesday Fly Night

Fly nights remain the first and third Tuesday of June, July and August. In the event of inclement weather we will make the decision to cancel to the following Tuesday by 15:00. Watch for email and we will also be making some phone calls. Please make certain your contact information is current.

June 19 Dick and Judy Neitzel host in Eagle River at Ken Whyte's hangar on the East side of the field.

July 3 Paul Buss hosts at Norrie

Brook Field in Eland. Coordinates: N44 52.384 W089 13.782. If you are driving: take Hwy 51 to exit 187 Hwy 29E in approximately 20 miles turn LT on Hilltop Rd. Turn LT on CR D, turn RT on CR OO go approximately 1.3 miles TL on road go 0.3 miles watch for lots of activity!

July 17 Bill McGuire hosts at CWA in Mosinee. Brush up on tower procedure! AWOS 127.45 (715 693 1116) TWR 119.75 GND 121.9

August 7 Harold Schauer hosts at Scherrico Meadows in Mosinee.

August 21 Dan Marlenga hosts at **Little O'Hare in Little Chicago**.

Get those hangar doors open and tap these destinations into your GPS!

Any questions feel free to call me: 715 891 7213. Please leave a message, I'll get back to you ASAP

Fly safe! Dick Neitzel

Calendar of Events

June 16 EAA Pioneer Airport Day Oshkosh

June 19 Tuesday Fly Night Eagle River

July 3 Tuesday Fly Night Norrie Brook Eland

July 14 Chapter Meeting 10:30 AM Abbotsford (tentative)

July 17 Tuesday Fly Night CWA Mosinee

July 23 -29 EAA AirVenture Oshkosh

August 7 Tuesday Fly Night Scherrico Meadows Mosinee

August 12 Musky Day Fly In Boulder Junction

August 18 Chapter Meeting 10:30 AM

August 21 Tuesday Fly Night **Little O'Hare Little Chicago**

September 8 Merrill Airport Day

September 15 Chapter Meeting 10:30 AM

October 20 Chapter Meeting 10:30 AM

November 10 Chapter Meeting 10:30 AM

December 8 Chapter Meeting 12 noon

Events are preliminary and are subject to Change. Calendar of

Events is updated monthly.

Contact Tom Voss to list events in

subsequent newsletters.

tvosswi@gmail.com

Buy Sell Trade cont...

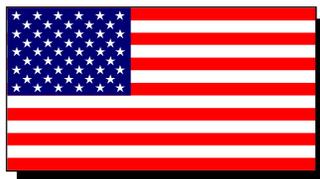
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Spring landing gear with wheels, tires and cable brakes. Tinted canopy 6' x 2' approx 18" high. Ron Lorch 715-891-7234.

✈ Type 8, B gear box, 2.58:1 ratio with 16.2 hours of run time. Bret Taplin 715-341-4093 . btaplin@msworldnet.com

✈ Rotax 582 "bluehead" Ebox, Radiator, Oil Inj, Throttle & Choke Cables, Engine Mount Plate, Assembled, New, 0 hours. Michael Cole 715-423-0348 or 715-423-1128





Other Area EAA Chapters

EAA UL 1 Milwaukee
Steve Magdic
262-820-9938
steve.magdic@1psg.com

EAA 41 Oshkosh
Peter Carlson
pjcarl@athenet.net

EAA 640 Wausau
Scott Feldbruegge
feldbruegge@charter.net
715-573-5199

EAA 992 Marshfield
Chris Owens

EAA 1577 Three Lakes
Elliot Halyburton
815-474-2774
eaal577@gmail.com

