

EAA Ultralight Chapter 75

North Central Wisconsin Lite Flyers

PO Box 12 • Schofield, WI • 54476

Editors Notes by Rich Prange

Sky Diving?

How often have we heard this comment, why jump out of a **perfectly good airplane...** . You will find the answer just east of San Marcos TX. The fine print in **the photo says "There is no such thing as a perfectly good airplane"**.



N269VA

I missed this historic event back in 1986, the circumnavigation flight of Rutan-Yeager, piloting Voyager around the world. Perhaps I fell into a coma that year.

Early in the morning of December 23, 1986, Voyager touched down at Edwards Airfield, nine days, three minutes, forty-four seconds after takeoff. Dan Rather on CBS News referred to the aircraft, intended to fly non-stop around the world without **refueling, as a "fragile contraption"**. And it was indeed fragile, landing minus both wing tips. Voyager was a single purpose airplane, a full loop around the world with no fuel stops.

On takeoff the fuel burden was so great that both wing tips were scraping on the runway. That weight changed the angle of attack and the outer portion of the wings would not develop lift. Well into rotation speed, eighty seven knots and 11,000 feet down the road, the wing tip slowly curved up and you know the rest of the story. That extended takeoff was one of many

"white knuckle episodes in this flight.

At the time, Voyager was the **largest "homebuilt" ever constructed** and set records that may never be surpassed. The project came bundled with challenges and problems right from the get-go. My autographed copy of Voyager is a very interesting read.

Voyager, a Burt Rutan design, was constructed by the best of the best. I make no claim to being a book critic and I trust the pilot-authors with the accuracy of their writing. The nameless airplane design started out as a sketch on a teriyaki sauce stained napkin. As details firmed up, the design was eventually referred to a **"number 76"**.

Voyager would be constructed using newly emerging composite technology, powered by two engines inline with a push-pull configuration, flown by two pilots, the main cargo being nearly 1500 gallons of fuel in sixteen tanks.

To the interested public, the project was sold as having



"marvelous flight capabilities".

However, as written by Rutan- Yeager, Voyager was fraught with fundamental aerodynamic instability. At certain weight-air speed combinations the aircraft was subject to uncontrollable pitch oscillation.

Center of gravity adjustment was a constant. As Rutan and Yeager **swapped the "PIC" seat, the CG would change** and required attention. As their avgas burned off, again the CG changed and was adjusted by transferring fuel throughout the fifteen tank system to the main feed fuel tank. That task was just one of many chores that required regular monitoring.

Well into the flight, as fatigue **mounted, and "after we totted up all the things we had to do and calculated that Voyager constantly required 1.8 waking crew members."** **Check my math, but that is .2 X 24 hours** divided between two pilots, for down time (sleep etc.). This writer needs a nap just thinking about that level of stress and exhaustion.

I am one of the senior flying members of Chapter 75, by virtue of age only, not flight hours nor piloting skills. The wisdom that I might hand down to new builders would be read Voyager if for no other reason than attitude adjustment.

FAA-H-8083-2 Risk Management. Keep your needle in the green.

Vol 22, Issue 5
May 2017

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**NCWLF Treasurer Report
May 2017**

<u>Checking</u>		<u>Savings</u>	
Balance Forward	\$ 2,195.07	Balance Forward	\$ 36,650.07
Checking Deposits		Interest	.91
Deposits	393.00		
Checking Payments		<u>Savings Balance</u>	\$ 36,650.98
Cash	100.00		
<u>Checking Balance</u>	\$ 2,488.07	<u>Total Cash</u>	\$ 39,139.05

EAA ULTRALIGHT CHAPTER 75

North Central Wisconsin Lite Flyers
Application Form for Membership and Subscription

Mail Check Payable To:

NCWLF
P.O. Box 12

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*

April 2017 NCWLF Meeting Minutes

The April meeting of the NCWLF was held at the Stevens Point Airport FBO. 28 people attended. President Steve Krueger called the meeting to order with the ringing of the Payzer Bell (THANKS BOB)! A big THANK YOU was given to Joe, Bill, Loren, and Mike for hosting the meeting and providing a lunch after. After self introductions the secretary and treasurer reports were given and accepted as read.

Old Business; our treasurer Larry Wenning reminded everyone that our fiscal year is over at the end of April so if you need to renew your member-

ship contact Larry by the end of the month to stay a current member. Departure date for this years Spring Adventure is May 13th. For more info contact Jim Shnowske. Steve thanked Rich Prange our newsletter editor for his entertaining articles.

New Business; Syd Cohen is heading up an informational meeting about forming a Vintage EAA chapter. The meeting will be held at the Merrill airport terminal building on Saturday April 22nd at 1:30.

Nomination of Officers; Joe Mapes asked for nominations as he does every year. Motion

by Joe Grassl and second by Joe Malsack to leave our club officials and trustees as they presently are. Motion passed.

Safety Topic; Steve gave a short presentation on Special Use Airspace. He covered the different types and rules or operating procedures that apply.

\$100 Drawing; Names drawn in order were Morgan Borhardt, and the winner is Jim Kleman!

The next meeting of the NCWLF will be at Dan Marlengas at the Little O'Hare airstrip north of Marathon on Saturday May 20 at 10:30AM.

Secretary-Jim Shnowske

Tuesday Fly Night

Greetings to all fly night enthusiasts. June will be here before you know it, so dust off the wings, and lets fly! Just a reminder that this is supposed to be a social gathering, not a feast! Lets get together, swap stories, and enjoy each others company. Plan on gathering around five p.m. In the event of inclement weather, plan on meeting the following Tuesday. If bad weather persists, that event is cancelled. Here's the 2017 schedule:

June 6th starts us off meeting at Landis Sensenig's strip. Coordinates are N44 59.123 W90 27.214. Strip is located approximately 2 miles NW of Curtis, WI. Runway is 1320 feet long, and runs E/W. Powerlines are buried on the

West end, and barbed wire fence on the East end.

June 20th Bill Maguire has invited us to Central Wisconsin Airport. We get to brush up on flying into a towered field! Tower frequency is 119.75, ground is 121.9, and atis is 127.45. Ask to be directed to the FBO. DON'T taxi into the CWA terminal area. Bill has arranged for a tour of the tower. Should be an interesting night.

July is going to be a little different, due to the holiday. I'll get into that in the June newsletter. July 11th is Ladysmith.

July 18th is Abbotsford.

August 1st is Scherrico Meadows, Mosinee

August 15th is Merrill.

Tuesday Fly Nights

June 6 Curtis - Landis Sensenigs

June 20 CWA - Mosinee

July 11 Ladysmith

July 18 James Jakel Field - Abbotsford

August 1 Scherrico Meadows - Mosinee

August 15 Merrill Municipal Airport - Merrill

Watch the previous months news letter for the details. Just wanted to give everyone a brief overview of the season.

Fly safe everyone! Enjoy our 2017 fly night destinations.

Questions or comments contact me.

Dick Neitzel

715-891-7213.

flyguy963@gmx.com

Next NCWLF Meeting April 15

Our next meeting will be Saturday May 20, 10:30 AM at Dan and Patty Marlenga's Little O'Hare Field.

15457 Short Lane Drive
Marathon WI 54448

Hope to see you there!

Buy Sell Trade

✈ ZENITH 601XLB CONVENTIAL GEAR \$24,900. Wing mods done. Beautiful Mars red paint. Jabiru 3300 (120hp) - cruises at 120mph!, TTAE ~ 125hrs. Good STOL performance. Always hangered. All maintenance up to date - fresh (9/16) annual. All gauges work, carb. and cabin heat, engine oil heater, strobes, landing and nav lights. New Odyssey battery. Electric flaps and trim, ACK ELT. No damage history. Canopy cover. All plans, construction pics and maintenance logs. Located near Waupaca, WI. Carl Eichenauer 920-731-5037 OR 920-809-6211. Make Offer!

✈ 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 hangered, Based in Antigo \$ 12,000 O B O . Pete Dernbach 715-350-9068

Buy Sell Trade

- ✈️ 1997 Hy-Tex Hurricane Ultra 103 Free air 447 Rotax 240 hr. Powerfin Prop. 2 blade. Engine Information System. BRS Chute. Good Cond. Asking \$3000 OR will sell for \$2000 without engine and prop. Orlyn Hansen 715-683-2710
- ✈️ 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 Hangered 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. 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

EAA Ultralight Day

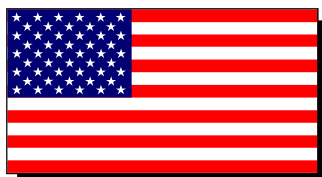
EAA Ultralight Day throughout Wisconsin will use special procedures to fly their ultralights and light planes to Pioneer Airport in two mass arrivals between 9-10:15 a.m., weather permitting. Beginning at 1 p.m., pilots will conduct several proficiency events, which include accuracy landings, bean bag drops, and torpedo run contests.

Drive In Passes to Pioneer available in advanced notice only.

More information to be announced at the May 20th meeting or contact Steve Krueger 715 204-2928

Calendar of Events

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| May 20 Chapter Meeting, Little O'Hare Field, Little Chicago. | July 24 -30 EAA AirVenture Oshkosh | November 18 Chapter Meeting |
| June 6 Tuesday Fly Night, Owen. | August 1 Tuesday Fly Night, Scherrico Meadows, Mosinee. | December 9 Chapter Meeting |
| June 17 EAA Ultralight Day, Pioneer Airport, Oshkosh. | August 13 Musky Day Fly In Boulder Junction | Events are preliminary and are subject to Change. Calendar of Events is updated monthly. Contact Tom Voss to list events in subsequent newsletters. |
| June 17 Chapter Meeting | August 15 Tuesday Fly Night, Merrill Municipal Airport, Merrill. | tvosswi@gmail.com |
| June 20 Tuesday Fly Night, CWA, Mosinee. | August 19 Chapter Meeting | |
| July 11 Tuesday Fly Night, Lady-smith. | September 9 Merrill Airport Day | |
| July 15 Chapter Meeting | September 16 Chapter Meeting | |
| July 18 Tuesday Fly Night, Jakel Field, Abbotsford. | October 21 Chapter Meeting | |



Other Area EAA Chapters

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