

SKYWRITINGS



EAA Chapter 439
Central U.P. of Michigan

April 2018
Home of the Yoopers!



April Meeting Presentation

Up-Coming Events

Saturday April 21st 9:00am (EDT) Chapter Meeting at Big Boy restaurant in Marquette, MI

We will be having a joint breakfast/meeting with EAA Chapter 850.

10:00am (EDT) Presentation of 1988 B-52H accident at K.I. Sawyer AFB by Will Kroeger

Note: Big Boy is on Hwy 28/41 just west of Washington St.

Please let me know if you intend to fly into KSAW, I will have my Yukon XL there at 8:30am EDT to pick up anyone who needs a ride into town. I can make arrangements if you plan on arriving later. Will

The Prez Sez!

Tom Sullivan

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Final drawings we're provided a few weeks ago for the hangar project and sent out to the membership for review. A few comments came back and are under review. Thanks to those that took the time to review them. We should have prints to the code commission soon. I'm drafting this newsletter submission sitting in the lanai outside my Florida home, in 84 degrees humid temps, while getting emails and texts from numerous people back home saying "stay down there". From what I am "hearing", winter in the U.P. has NOT given up her grip. I guess I'll get to see it myself on Friday when we return to the area.

Will has a very good program planned for Saturday up in Marquette, although a bit early for us Central Time dwellers. Weather permitting, I will likely fly up. Will mentioned we would have an option to get to Marquette from Boreal Aviation so obviously that would be necessary for those that fly up. Either way we should communicate who's going up for car pool or airplane pooling options.

The Lancair has all the paint applied, the air brush work completed and the clear coat on as of a week ago. I assume it's in reassembly now of all access panels, doors, cowling, as well as balancing control surfaces for installation. The seat upholstery was done a week ago as well but not installed on the seat frames. Absent any surprises, I think I'll have it back before the end of the month. Then there'll be a push to clean up any outstanding issues before Air Adventure. If it makes it down this year it will be the first time I will attend every day of the show. Looking forward to this milestone after way too many years dreaming about taking a plane I built down there.

Hope to see many of you Saturday in Marquette!

Tom

Chapter Elections

The election of chapter officers and board members, which were delayed for several months, was held at the March meeting. The results were:

President:	Tom Sullivan
Executive Vice-President:	Chad Kubick
Vice-President:	Scott Trask
Treasurer:	Tom Sullivan
Secretary:	Will Kroeger
Board Members:	Mike Betti, Dean Hensel, Dave Houseman, Jim LeFevre, Maxine Nowak, & David Pasahow

Will Kroeger will continue as the newsletter editor and Mike Betti as the web page editor.

Editor's Notes

Will Kroeger

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Happy Flying Moments



As I prepare for my presentation on the 21st and the memories that go with it, I find myself turning to thinking about all the good times I had flying to counter balance such an experience. With more than 37 years of active flying in the last 44 years, I think I have accumulated many good memories.

My first "happy" moment was when I soloed for the first time. I thought my first flight was my first happy moment, and it was until I soloed. The feeling associated with the freedom I felt being in the cockpit by myself far exceeded that first flight. It was like the first time I drove a car without an adult in it. Total freedom to do what I wanted with no one telling me what to do or not do. Every solo flight during my training made me feel the

same, with one exception. One day while doing an accelerated stall (student pilots do not do these stalls, but I was hooked after my instructor demonstrated it) I failed to keep the "ball" centered and entered a spin. At that moment I wished my instructor was present. It is strange how fast you can go through information buried in your mind when you need it to save yourself. I do not recall how I recovered, but I do remember looking out the windshield at a lady putting her laundry on the line and thinking how surprised she was going to be when I impact. I did not try another accelerated stall for years.

USAF pilot training was one long happy moment. I could not believe they paid people to go fly jets. Of course, you were treated as a second class citizen most of the time and even had to fly every once in a while with a "bad" instructor. I remember one flight in a T-37 with a "screamer" and "mask" grabber. He thought you could only absorb his wisdom if he yelled and you could absorb more if he grabbed your oxygen mask and shakes your head around. I asked him not to do that, but he did not care what I thought. So, I quietly reached down and set the rudder trim to full left while holding opposite rudder pressure, then held a left bank and asked him to validate a ground check point. When I saw him turn his head and lean forward a little I banked hard left and took my foot off the rudder pedals. The jet veered nose down and harder left and he hit the canopy hard with his helmet. After recovering, I told him it was not nice to grab my mask and indicated I would not tolerate it anymore. That was a happy moment because he never touched my mask again.

Flying bombers was full of happy moments. Flying at 400 feet at over 350knots was FUN! Doing it at 50 - 100 feet was pure excitement (this was not the normal low level flying altitudes, but occurred when my crew was selected to perform weapon delivery tests). Flying low level at night with night vision goggles was strange and fun at the same time.

I thought there could be nothing greater than flying the B-52 until I purchased a Cherokee 180 in 1993. The thrill of owning your own aircraft and flying when you want to, instead when told to, added a whole new level to happy moments. The day I flew home that 180 made me very happy. I met the family at the airport, we washed & polished it, then took it up for our first family flight. There were many happy trips flying to family reunions, Nebraska football games, visiting a daughter in college, going to Oshkosh, and getting that \$100 hamburger.

Yes, I have had many "happy Moments" . What are your happy moments?

Will

No Kidding: ADS-B Deadline of Jan. 1, 2020, is Firm

We have a sense of humor, too, but an April Fool's joke that the Federal Aviation Administration is extending the ADS-B deadline is just that.

As stated in the final rule published with industry input in May 2010, all aircraft flying in designated controlled airspace – generally the same busy airspace where transponders are currently required – **must be equipped with ADS-B Out avionics by Jan. 1, 2020**. Only aircraft that fly in uncontrolled airspace, and aircraft without electrical systems, such as balloons and gliders, are exempt from the mandate.

Those who have already equipped understand that ADS-B is transforming the nation's airspace by providing more precision and reliability than the current radar system, enhancing safety and increasing situational awareness.

Time is running out. There are only 21 months left until the deadline. If you have any questions about equipage – whether you need to or not, what equipment to get, etc. – please see the FAA's website <https://www.faa.gov/nextgen/equipadsb/>. For information about the transformational technology, visit the website <https://www.faa.gov/nextgen/programs/adsb/>. (from FAA)

FAA ALLOWS PILOTS TO CONDUCT PA-28 FUEL SELECTOR INSPECTIONS

The FAA has published a new airworthiness directive (AD) that supersedes an AD issued in January, and will allow owners of many Piper PA-28-series airplanes who hold at least a private pilot certificate to inspect their aircraft fuel-tank selector cover placards for proper positioning. See the new AD (2018-07-03) at : <https://www.federalregister.gov/documents/2018/04/05/2018-06336/airworthiness-directives-piper-aircraft-inc>

Tips for proper mag checks

Have you learned how to perform a mag check? Many pilots don't know how to perform a mag check properly or interpret the results. A refresher from Mike Busch, an A&P IA, is at: <http://r.smartbrief.com/resp/jSnqDJAOccqfaNgkfDfKdlfCPGtK?format=standard> (from 3/29/18 Aviation eBrief)

For you pilots needing to replace that old KX-155

TKM Offers A Slide-in Replacement For KX155. Seizing on the robust niche of replacing outdated avionics with easy-to-install replacements, TKM has finally rolled out its drop-in swap for the venerable Bendix King KX155. TKM Operations Manager Vic Casebolt told AVweb at Sun'nFun its MX155 replacement unit, under development for the past three years, will be ready to ship in May. Price has not been fixed, but Casebolt cited a target of around \$4,000. (from AVwebFlash 4/15/18)

Are Electric Aircraft the Future?

The prototype Sun Flyer 2 two-seat electric-powered airplane has flown successfully for the first time, Bye Aerospace announced on Wednesday, April 11, 2018. "We are excited about the future and the potential the Sun Flyer family of aircraft has to revolutionize general aviation," said CEO George Bye, in a news release. The Sun Flyer 2 flew on Tuesday from Centennial Airport, near Denver, Colorado. The testing will continue to explore the airplane's speed, altitude and endurance capabilities, the company said.

The Sun Flyer has been in development since 2014. The company intends to certify it under the FAA's recently revamped Part 23 rules, according to their website. As of March, the company had 105 deposits for the Sun Flyer 2 and 16 deposits for the four-seat Sun Flyer 4, according to its website. Bye said the Sun Flyer 2 will operate at a cost of about \$3 per hour and is significantly quieter than piston-powered aircraft of a similar size. (from AVwebFlash 4/15/18)

Flying Events (within 200nm): (B) Breakfast (L) lunch (D) Dinner *All times CDT*

Every Friday Fly-in (L) Iola, WI (68C) Noon, but get there early, \$10 for life time membership

Every Thursday (L) Marshfield, WI (MFI), noon till the pizza runs out

Varying dates Wisconsin Flying Hamburger Social Go to www.wisconsinflying.com or www.wiflysocial.com

Apr 21	Cirrus Firewall Forward Seminar	Watertown, WI (RYV) Wisconsin Aviation	9:00am - 12:00pm lunch
Apr 28	Fly-in (B) French toast	Fox Valley Tech College, Oshkosh, WI (OSH)	8:00am - 12:00pm \$5
May 5	Fly-in (B) pancakes	Fond Du Lac, WI (FLD)	7:00am - 12:00pm
May 12	Fly-in (B) pancakes	Spring City Aviation, Milwaukee, WI (MWC)	7:00am - 11:00am
Jun 2	Fly-in (B) steak	Ojibwa, Weidman, MI (D11) turf	\$10
	Fly-in (B) pancakes	Manitowoc, WI (MTW)	7:30am - 11:00am
	Fly-in (L) Wings, Wheels, Rotors	Holland Airport, Holmen, WI (36WI)	10:00am - 2:00pm
	Fly-in (B) pancakes	Amery, WI (AHH)	7:00am - 11:00am
Jun 3	Fly-in (B)	Reedsburg, WI (C35)	\$8
	Fly-in (B)(L)	Wild Rose, WI (W23)	7:30am - 2:00pm
	Fly-in (B) Annual Wings & Drive	Dodge County, Juneau, WI (UNU)	8:00am - 12:00pm
	Fly-in (B)	Fort Atkinson, WI (61C)	8:00am - 12:00pm
Jun 7	Fly-in (D) EAA 1128 BBQ	Two Harbors, MN (TWM)	5:00pm till
Jun 9	Fly-in (B)	Torchport Airport, Eastport, MI (59M)	8:00am - 12:00pm
	Rusty Tail Wheel Pilots Seminar	Cumberland, WI (UBE)	10:00am - 12:00pm lunch
	Fly-in (B) pancakes	Spring City Aviation, Milwaukee, WI (MWC)	7:00am - 11:00am
Jun 17	Fly-in Chicken Que	Holland Airport, Holmen, WI (36WI) (use 122.9)	12:00pm - 2:30pm
	Fly-in (B)	Palmyra, WI (88C)	7:00am - 12:00pm \$7
	Cluckenfarten Fly-in (B)	Wautoma, WI (Y50)	7:00am - 12:00pm
Jun 23/24	Military Show & fly-in	Watertown, WI (RYV)	8:00am - 5:00pm
Jul 21	Fly-in	Bois Blanc Island, MI (6Y1)	2:00pm - 4:00pm Food
Jul 21/22	Fly-in (L) (B) Sunday 7-11	Shiocton, WI (W34)	7:00am until dusk
Jul 23-29	Air Venture	Oshkosh, WI (OSH)	All Day
Aug 4	Fly-in (B)	Woolsey Memorial Airport, Northport, MI (5D5)	8:00am - 12:00pm
Aug 5	Discover Sawyer Day	Sawyer Airport, Marquette, MI (SAW)	8:00am - 4:00pm

Iron Mountain Runway to be Closed

Runway 1/19 will be closed 4/30 - 5/14. Runway 13/31 will remain open but will be closed for two days sometime during the work on runway 1/19. May sure you check NOTAMs for any changes.

EAA Webinars

4/17/18	7pm CDT	Freestyle Aerobatics
4/25/18	7pm CDT	Flying with Aerovie EFB
5/2/18	8pm CDT	Where Fuel Meets Air
5/9/18	7pm CDT	Four Fundamentals of Flight—Breaking it Down to Basics
5/23/18	7pm CDT	TFR and ADIZ: How to Avoid a Fighter Escort
5/30/18	7pm CDT	Developing the Next Generation of Online Weather Forecasts

For more info on these webinars and to learn about other EAA webinars, go to:

<https://www.eaa.org/en/eaaviation-education-and-resources/aviation-videos-and-aviation-photos/eaawebinars>

Whether you are a seasoned Oshkosh attendee or have never been

Experience the largest annual gathering of aviation enthusiasts. From unique, historic aircraft to world-class daily air shows, you don't want to miss the World's Greatest Aviation Celebration. Watch the 2018 promo video at: <http://go.eaa.org/FVpEB003a0S0u36B000UOK0>

Preliminary AirVenture 2018 Schedule Now Live

The initial EAA AirVenture Oshkosh schedule is now posted! The schedule lists a number of AirVenture 2018's highlights, features and attractions, forums, workshops, special events, and more. Start planning your trip today! View the AirVenture schedule of events at: <http://go.eaa.org/wEpUK0OSB0000uVf00B3806>
Note: Schedule will have regular additions and is subject to changes as they continue to confirm speakers and events.

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Dues are \$15.00 a year (\$25 for mailed newsletter)! From August 1st Please send them to our treasurer!

Website: www.eaa439.org