

APRIL 2013



# EAA CHAPTER 145

SINCE 1962



Martt Clupper

**Chapter Meeting: Saturday, April 13, 2013 – 10:00 am**  
**Kalamazoo Air Zoo – 6151 Portage Rd, Portage, MI 49002**



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Our program for the April meeting of Chapter 145 will be a guided tour of the Air-Zoo. Please meet at 10am in the Air-Zoo lobby (under the pink P-40). If you want to share a ride there is a sign-up sheet in the Riverview Lobby....or email Dick Foster with your intentions. Meet and leave at Riverview at 9am... to get to K-Zoo by 10am.

If you choose to fly over, after landing, taxi to Air-Zoo parking, then walk over to the main bldg.

Admission is \$10.00 for adults, children 4yrs & under are free. Some of the features (like the shuttle ride and simulators) require an extra charge of \$4.00, but a pass for all paid displays can be purchased for \$6.50.

A partial list of aircraft and related items on display: William Benedict's Mystery Ship (see pic above), P-40 (pink), F-14 Tom Cat, Wild Cat, Hell Cat, SR-71 (Black Bird), F-4 Phantom, F-8 Crusader, Christian Eagle, XP-55 (Pusher prop fighter Prototype), Waco UPF7, P-39 AeroCobra, Sopwith Camel, Aero Engines (Rolls Royce, Allison V-12's and others), B-25 (painted like the Doolittle Raiders), Restoration Shop (with several projects in process)

**U.S.A.F. MUSEUM FILM FESTIVAL:** If you want to keep driving after visiting K-Zoo, the USAF Museum in Dayton is having a film festival. It is Apr 12 – Apr 14. See [www.airforcemuseum.com/reelstuff/](http://www.airforcemuseum.com/reelstuff/) for details

**OSHKOSH WORK WEEKEND:** This year's trip is April 19 – 21, at the Weeks Restoration Hangar in Oshkosh. Most likely, we'll get to work on a B-17 bomber. We'll leave Friday afternoon, work on Saturday, and get back Sunday evening. If interested, there's a listing of the itinerary and a sign-up sheet in the Riverview lobby, or call Dick Foster. (contact info on last page)

## PRESIDENT'S CORNER

It's beginning to look a lot like spring and my thoughts turn to flying. Well, not only flying but also volunteers. EAA has a couple of great programs to encourage people to get off the ground and see what the world looks like from a few thousand feet. The Young Eagle program has introduced millions of young people to the thrill of flight. After the young people grow up, the Eagle Flight program is offering free flights for adults. As you know, these programs are operated by volunteers like you. EAA 145 is participating in at least 8 events this summer and looking for volunteers to make them successful. Your participation in these EAA programs will help keep the spirit of Sport Aviation alive in west Michigan. So, get ready to fly and volunteer!



Keep them Flying, Dick

### Young Eagle events in West Michigan, 2013

== A/C & pilots needed ==

== Ground people needed ==

May 4	Boy Scout merit badge flights	Riverview - EAA145
May 11	West Michigan Air Academy	Rapid Air - EAA145
June 8	International Young Eagles Day	Riverview - WMFA/EAA145
June 15	Greenville Area Aviation Association	Greenville - GAAA/EAA145
June 22	Young Eagle event	Grand Haven - EAA211
June 22	West Michigan Flight Academy	Riverview - EAA145
June 28	West Michigan Flight Academy	Riverview - EAA145
August 24	Great Lakes Aviator Build-off	Sparta - EAA704/EAA145
August 24	Wing of Mercy	Holland - WOM/EAA145

**HANGER SPACE** The chapter hanger is available for anyone who has an aviation project to work on. Contact Dick Foster for details (contact info on last page)

### WEBSITE(S) OF THE MONTH:

1) [www.flightglobal.com/blogs/the-dewline](http://www.flightglobal.com/blogs/the-dewline)

The DEW Line is a cool site for finding the latest in military flying news.

## The DEW Line

'Distant Early Warning' for the global defence industry

2) [www.stclairphoto-imaging.com/360/P51-Mustang/P51\\_swf.html](http://www.stclairphoto-imaging.com/360/P51-Mustang/P51_swf.html)

Sit in a virtual P-51... use the navigation buttons to pan & zoom & move around the cockpit.

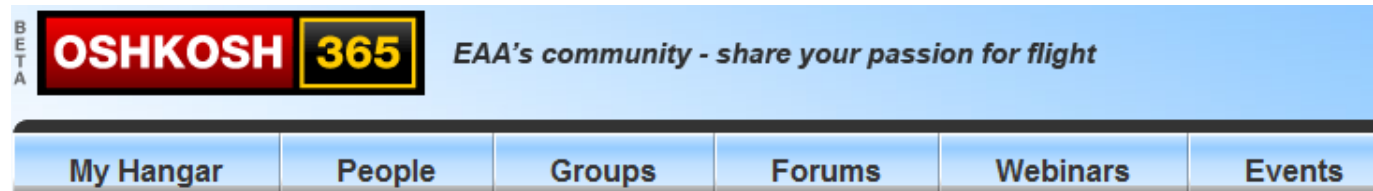
3) **National Air Force Museum Virtual Tour**  
[www.nmusafvirtualtour.com/full/tour-std.html](http://www.nmusafvirtualtour.com/full/tour-std.html)



Click on the 'MAP', an overview of the museum comes down, click on one of the blue dots and you'll go virtually to that spot in the museum. Click on the 'MAP' again to minimize it, and use the buttons at the screen bottom to navigate around.

## Maximizing your Membership

The EAA website has a wealth of information at your fingertips. In my opinion, the most powerful part of the EAA website is OSHKOSH365, see [www.oshkosh365.org/ok365\\_Home.aspx](http://www.oshkosh365.org/ok365_Home.aspx)



You have access to over 50 years of "Sport Aviation" magazine archives. There is a searchable database, so you can do a search on your favorite type of aircraft, homebuilder hints, or author or noteworthy aviator. I find it interesting to search on the articles in the September issues each year – I like looking in the background of each picture and see how Oshkosh has changed and grown over the years. Also, it is interesting to see the new designs that show up at Oshkosh each year, and what new design Burt Rutan will have on hand.

Just think of all the "Hints for Homebuilders" articles you can use to learn about welding, fabric repairs, riveting, etc. There's over 50 years of knowledge out there... where someone else has found the answer to what you're looking for. If you've ever thought "why hasn't someone thought of this" – it probably can be found in the "Hints for Homebuilders" archive.

Under the EVENTS tab of OSHKOSH365, you can search for local fly-ins, or pancake breakfasts. Under the FORUMS tab, you can enter discussions with other builders. You can gain from their knowledge as well as share your knowledge. Under the WEBINARS tab, you can listen to important aviation figures give speeches about timely topics. Under the MY HANGAR tab, you can personalize the content, making it your very own website.

## EXPERIMENTER



Also, you can subscribe to various electronic newsletters; see [www.eaa.org/newsletters](http://www.eaa.org/newsletters). You can sign-up for newsletters of 'EXPERIMENTER', 'EAA-HOTLINE', 'EAA CHAPTERGRAM', 'EAA VOLUNTEER', 'BITS AND PIECES', 'WARBIRD BRIEFING', 'VINTAGE AIRMAIL', and 'IN THE LOOP'. I particularly like the 'EXPERIMENTER' – it's like getting another "Sport Aviation" for free. From what I heard, they tried to make 'EXPERIMENTER' be like the original "Sport Aviation" magazine. The intended audience of the magazine is the grassroots enthusiast and/or builder.



Take a look at the video page, [www.eaavideo.org](http://www.eaavideo.org) There are over 1200 videos online. They range from interviews of important aviation legends, hints for homebuilders, general aviation, vintage aircraft, warbirds, ultralights, light sport aircraft, and webinars.

## EAA Video Player

powered by 

Most Recent Most Popular

And don't forget about the monthly computer desktop background. The picture is very high quality, and has a handy calendar for quick reference during the month.

Between the reading content choices of the magazines, the main front-screen with the news alerts, the forums, webinars, and the videos page – all that content could keep anyone busy for years. That is what EAA is about, sharing the knowledge of aviation, be it building tips, general entertainment, advocacy, piloting skills, etc. Spending some time on the various EAA websites will expand your aviation knowledge and entertain as well.



## SportAir Workshops

So when you're ready to pull the trigger and start a project, look into attending one of the Sport Air Workshops, see [www.sportair.com](http://www.sportair.com) They offer classes in composite construction, electrical wiring, fabric covering, gas welding, tig welding, sheet metal construction, and a few other classes. The workshop will build confidence and competency that will be important to completing your project. Most classes seem to be \$349 and take place over 2 days.

Click on the "Workshops" tab, and a description of the class and short outline will show you what to expect to learn from the class. There's a "Frequent Questions" tab to help with general information. Under the "How To" tab there are articles about each area of interest – fabric covering, composites, electrical systems, wood airplanes, aluminum airplanes, etc.

Considering your time and effort and cost in starting & finishing an airplane, the Sport Air Workshops seem like a good investment to make.





# Aircraft on Display

## 1 EAST WING

Boeing Stearman N2S-5 Koyder	Naval Aircraft Factory Yellow Pearl
Douglas AD-4NA Skyraider	North American AT-6 Texan
Douglas C-47 Skytrain	North American T-28 Trojan
Douglas SBD-3 Divebomber	Pittsboro HU-1R Helicopter
Fairchild PT-23 Corsair	Ryan PT-22 Recruit
Goodyear FG-1D Corsair	Schweizer LNS-1
Grunman F6F-5 Hellcat	Timex N211 Tutor
Grunman FM-2 Wildcat	Valve BT-13A/SNV-1 Valiant
Hiller UH-12	Waco CG-4A Flying JEEP
Loisler-Koffman TG-4A	

## 2 BEGINNINGS

Curtiss JN-4 "Jenny" (Scale Model)	SPAD VII (Replica)
Fairchild 24-K Forwarder	Travel Air Mystery Ship (Replica)
Fokker TriPlane (Replica)	Waco INF
Hughes Baby Bullet	Waco VPE
Howard GH-2 Nightingale	Wolf Boredom Fighter
Montgolfier Balloon (Model)	Wright Flyer (Replica)
Murphy's Renegade Spirit	

## 3 MISSIONS

Aerona L-38 Defender	Lockheed P-38 Lightning (Scale Model)
Bell P-39 Airacobra	North American B-25J Mitchell
Curtiss XP-55 Ascender	Piper L-4 Grasshopper
Grunman G-73 Malard	Republic P-47D Thunderbolt
Hippano HA-117B Budion	

## 4 SENTINELS AT SEA

Bell AH-1J SeaCobra	McDonnell Douglas F/A-18A Hornet
Douglas A-4 Skyhawk	Youghit F-8J Crusader
Grunman F-14A Tomcat	

## 5 JOURNEYS BEYOND

Lockheed SR-71B Blackbird	Curtiss P-40N Warhawk
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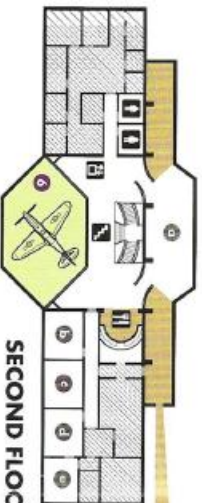
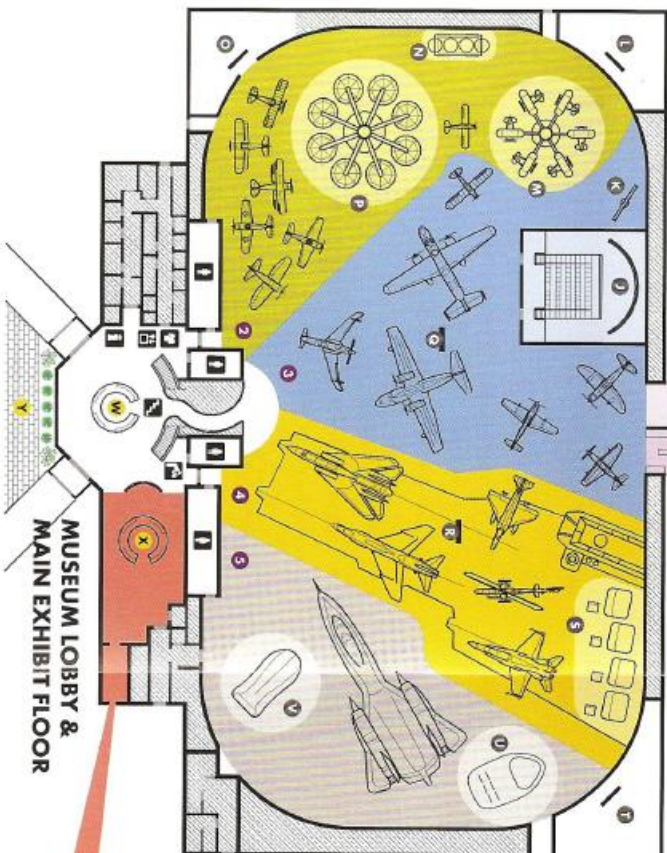
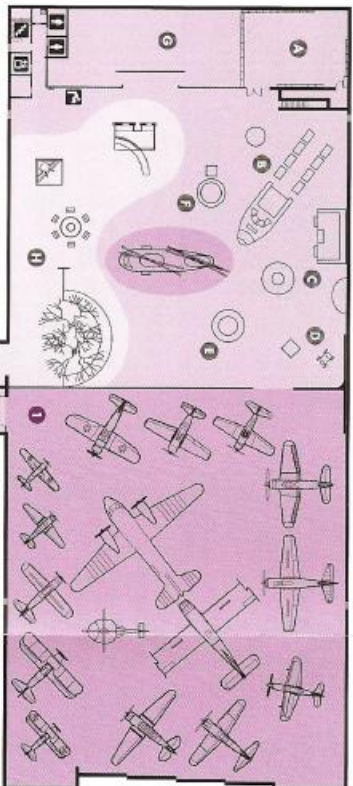
## 6 LOBBY

Elevator	Women's Restroom	Coffin Room
Stairway	Men's Restroom	Information Desk
Drinking Fountain	Kitty Hawk Cafe	

\*Not all aircraft within facilities may be available for viewing and are subject to change without notice.

# Air Zoo Campus

See the world's only SR-71B Blackbird and XP-55 Ascender!



# Rides, Attractions & Exhibits

## EAST WING

- A Library
- B Space Shuttle Replica & Space Suit
- C Destiny Module, Working in Space Module & Cupola
- D Moon Rock & Lunar Rover
- E El Kabong
- F Magic Planet
- G Women in Aviation & Space Exhibit
- H Space: Dare to Dream Exhibit
- I World War II Artifacts

## MAIN EXHIBIT FLOOR

- J Missions 4D Theater
- K Paratrooper Jump
- L Guadalcanal Memorial Museum & Michigan Aviation Hall of Fame
- M Flying Circus Bi-Plane Ride
- N Century of Flight Ferris Wheel
- O Kids' Korner
- P Montgolfier Balloon Race
- Q World War I Kiosk
- R World War II Kiosk
- S FullMotion Flight Simulators
- T Traveling Exhibit Hall
- U Mission to Mars/Corsair Challenge
- V 3D Space Shuttle Ride

## MUSEUM LOBBY

- W Ticket Counter
- X Fly Buy Museum Store
- Y Memorial Plaza

## SECOND FLOOR MEZZANINE

- Z Kitty Hawk Cafe & Seating
- 1 Observation Deck
- 2 Warhawk Meeting Room
- 3 Corsair Meeting Room
- 4 Wildcat Meeting Room
- 5 Parish Boardroom

## UPCOMING EVENTS

April 9-14	Lakeland, FL	Sun-N-Fun
April 13	Chapter Meeting – Kalamazoo Air Museum Trip	
May 11	Chapter Meeting – Ron Walters – Owner Main't Under Parts 61 & 91	
May 11	Rapid Air (KGRR)	W.Mich Flight Academy– <b>Young Eagles Event</b>
June 8	Riverview (08C)	Int'l Young Eagles Day– <b>Young Eagles Event</b>
June 8	Riverview (08C)	W.M.F.A. Pancake Breakfast
Jun 9	Ann Arbor (KARB)	EAA Chapter 333 Pancake Breakfast
June 15	Greenville	Greenville Area Aviation – <b>Young Eagles Event</b>
Jun 15-16	Ypsilanti, Willow Run(KYIP)	Thunder over Michigan Air Show
June 22	Grand Haven	EAA Chapter 211 – <b>Young Eagles Event</b>
July 3-7	Battle Creek	Battle Creek Balloons & Airshow
July29-Aug4	Oshkosh, WI	OSHKOSH!!
Aug 6-10	Mentone, IN (C92)	Gyrocopters & Paramotors Convention
Aug 17-18	Chicago, IL	Chicago Air & Water Show
Aug28-Sept2	Ottumwa, Iowa	Antique Airplane Fly-In <a href="http://www.antiqueairfield.com">www.antiqueairfield.com</a>
Sept 13-16	Idaho	Idaho Backcountry Tour
Sept 20-22	Michigan Air Tour	<a href="http://www.michiganairtour.org">www.michiganairtour.org</a>

**If you know of events that should be on the event calendar, please e-mail them to me**

If you would like to be on the e-mail list for meeting and event reminders, or if you would like to receive the newsletter electronically, which is full color and delivered days before the print version... please send your e-mail address to:

[randall.houtman@dematic.com](mailto:randall.houtman@dematic.com)

**The 2012 Officers for EAA145:**

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**Treasurer's Report:** (As of Apr 1st)

Cash:	\$163.56	Checking:	\$30.12
Savings:	\$1249.27	Total:	\$1442.95

**EAA CHAPTER 145 MEMBERSHIP APPLICATION / RENEWAL FORM**

DUES ARE \$35.00 PER YEAR – JANUARY 1st to DECEMBER 31st

Name _____ Co-Pilot / Spouse _____ Address _____ City _____ State / Zip _____ e-mail address _____ Home Phone _____ Work Phone _____ National Membership # _____	Aircraft Owned _____ _____ Projects / % Complete _____ _____ Bring this form to the next meeting or mail to:  EAA Chapter 145 Treasurer 6962 Bridgewater Dr. SE Grand Rapids, MI, 49546
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