

EAGLE'S PROPWASH

FEBRUARY 2017 ISSUE

CHAPTER 113 *"The Backyard Eagles"*



Our Web Site:

www.113.eaachapter.org

EAA113@yahoogroups.com

Meetings: 7:30 PM

the 3rd Thursday of each
month at the

**EAA 113 AVIATION
EDUCATION CENTER**

Mettetal Airport (1D2)

8550 Lilley Road, Canton, MI

(734) 392-8113



Chapter 113 was well represented at EMU for the MI Air Safety Forum on January 21, 2017 by Sean Crooks, Dave James, Joe Kirik, Shunsuke Shibata, Herb Schulke, Abby Liskow, and Ken Mosley.

Photo Courtesy of Shunsuke Shibata

Member Services

Class I Board of Directors:

President: Joe Kirik	(248) 872-3220	president@eaa113.org
Vice President: Sanjay Dhall	(734) 658-7444	vicepresident@eaa113.org
Secretary: Stefan Rairigh	(734) 383-4346	secretary@eaa113.org
Treasurer: Dave Buck	(734) 223-2675	treasurer@eaa113.org

Class II Board Members:

Al Bosonetto	(734) 261-5518
David Brent	(734) 755-4587
Dan Jones	(248) 310-6018
Dave Steiner	(734) 645-1150
Doug Sytsma	(734) 674-3345

Library: Barb Cook	(734) 277-3469	library@eaa113.org
Newsletter: Elizabeth Hebron	(734) 776-9294	newsletter@eaa113.org

Class III Board Member:

John Maxfield	(248) 890-6767
---------------	----------------

Membership Committee:

Al Bosonetto, Dave Buck, John Maxfield

Dues: Dave Buck	(734) 453-5375
------------------------	----------------

Technical Counselors:

Randy Hebron	(734) 326-7659
Dan Jones	(248) 310-6018
Dan Valle	(313) 539-9818

Flight Advisors:

John Maxfield	(248) 890-6767
Dan Valle	(313) 539-9818

Scholarships:

Elizabeth Hebron	(734) 776-9294
Debbie Redding	(734) 397-3452
John Maxfield	(248) 890-6767

Young Eagles/Eagle Flights:

Debbie Redding	(734) 397-3452	events@eaa113.org
Dave James	(734) 721-4213	

Web: John Maxfield	(248) 890-6767	webmaster@eaa113.org
---------------------------	----------------	----------------------

Aviation Center Management Committee:

Al Bosonetto	(734) 261-5518
Dave Buck	(734) 453-5375
Bill Brown	(734) 420-2733
Bruce Breisch	(734) 422-2692



CHAPTER MISSION STATEMENT:

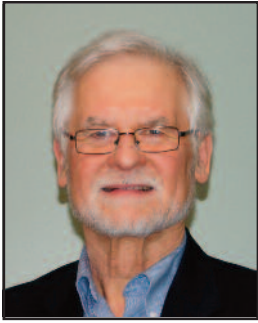
"EAA Chapter 113's major focus is on the relationships with people who have diverse aviation interests, centered around their love of flight, fellowship, learning, and fun."

Chapter members have a passion for flying and are willing to share it with others.

Chapter 113 provides the opportunity for exchange of information, as well as the interaction that leads to friendships that last a lifetime."

BOARD OF DIRECTORS:

"The Board of Directors are to provide both advice and assistance to the chapter officers on an ongoing basis."



PRESIDENT'S *PODIUM*

Joe Kirik (248) 872-3220
president@eaa113.org
February 2017

Founding Member of Chapter 113 Passes Away

We're sad to report that Norm Donaldson, one of the last surviving founding members of our Chapter, passed away on February 1. Norm was a resident of Grosse Isle. He built an RV-6 and also owned an Aeronca Chief. Norm had been in declining health for some time and had been living with family members in Texas who were caring for him.

BasicMed, Airport Operations

We had quite an interesting January! A discussion of the just-announced "BasicMed" Third Class Medical regulations by Senior Aviation Medical Examiner Dr. Robert Gordon brought one of the biggest Chapter meeting turnouts we've seen in a while. A few unknowns remain about how the program will work. Despite some initial reports that it might be delayed a couple of months from the May 1st implementation date because of a freeze on new federal regulations imposed by the Trump administration, we've now learned that the freeze does not apply and the program will go into effect on May 1st as originally scheduled.

Our regular Flying Safely/IMC meeting got bumped from the fourth Thursday because the FAA and MDOT called a special meeting on Mettetal Airport operations and asked to use our building. The trigger was a noise complaint by a nearby resident. A standing-room-only crowd of more than 80 pilots, instructors, EAA members, flying club members, CAP members and other interested parties showed up to hear a presentation from Randy Collier, Manager of Licensing & Enforcement at MDOT's Airports Division. There was a lot of positive discussion of traffic patterns and noise abatement procedures. All present agreed that everyone would be receptive to additional suggestions on how the local aviation community can be a good neighbor.

The IMC meeting was rescheduled to January 30, and despite the late date change and a different day of the week, we had another strong turnout of more than 25 pilots. In the near future the scope of these meetings will be expanded to include VMC scenarios, so there will be topics of great interest to those of us who are strictly VFR.

It's very gratifying to see such high levels of participation in these important events. I feel it's a strong testament to the great members who make Chapter 113 such a strong and positive force in the local aviation community.

February events

Just a quick reminder that this Saturday Feb. 4 is our Frostbite Chili Fly-in, 11 a.m. - 2 p.m. The weather outlook isn't bad, so we may attract another strong crowd. We've had inquiries from pilots from Ontario and Ohio, so let's make sure we have plenty of warm chili to offer.

continued...

February Chapter Meeting

Our Chapter membership meeting on Feb. 16th will feature a presentation that makes an aerodynamic case to assert that birds cannot fly because they do not have vertical tails. It goes on to show that there is a more efficient wing design for aircraft that actually matches the control systems used by birds. Hmmm...

Get your banquet tickets soon!

Word is that tickets for the annual Chapter 113 Awards Banquet on March 25 are going fast, so don't wait too long and be disappointed. Our featured speaker will be astronaut and EAA Vice Chairman Charlie Precourt. You can buy tickets on the Chapter website www.eaa113.org or see Debbie at the next meeting.

2017 Chapter Dues

Thanks to all who have renewed their Chapter memberships for 2017. If you haven't gotten to it yet, remember that you can renew online -- it's fast & easy! Go to www.eaa113.org and click on "EAA Chapter 113 Dues" on the bottom left of the page to pay with plastic. If you prefer snail mail you can send a check to Treasurer, EAA Chapter 113 at 8512 N Lilley Rd, Canton, MI, 48187, or see Dave Buck at the next meeting.

Applications are open for the 2017 EAA 113 Aviation Studies Scholarship Program. If you know of any high school seniors or college student candidates, please let them know the applications are available online at www.eaa113.org in a fillable PDF format. Applications are due by March 31.

We're now less than six months from Oshkosh – let the countdown begin!

Safe Flying!

Joe Kirik

2017 CHAPTER DUES are PAST DUE

Deadline for chapter dues for 2017 was January 31. If you haven't paid yet please send your payment of \$35.00 to ensure you are included in our Membership Roster and to continue to receive monthly newsletters. If you have any updates for your entry in the Roster please include a note along with the check for your dues.

Dues may be mailed to Treasurer, EAA Chapter 113, 8512 N Lilley, Canton, MI 48187. Dues can also be paid using PayPal thru the chapter web site www.113.eaachapter.org. You do not need to have a PayPal account to do this, only a credit card. You can also give me a check or cash at the General Meeting on February 16, 2017. Thanks!

Dave Buck,
Treasurer



PAULSON AVIATION & HISTORY *LIBRARY*

Barb Cook (734) 277-3469

library@eaa113.org

February 2017

OUR PIPER AIRCRAFT SHELF

We've recently been gifted with another book* to add to our Piper Aircraft collection. We now have 6 items in our 338.7 PIPER section. They include:

Mr. Piper and his Cubs by Devon Francis

Piper Cubs by Peter Bowers

Piper: A Legend Aloft by Edward Phillips

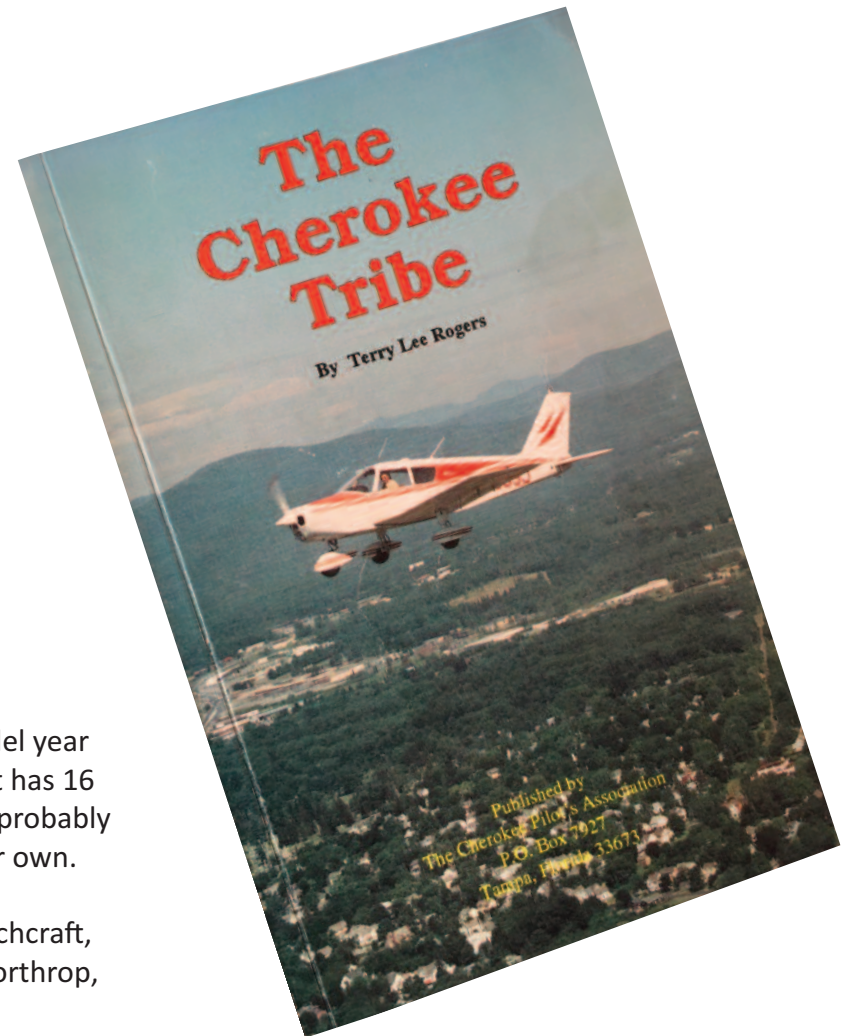
The Piper Indians by Bill Clarke

Piper; Illustrated Buyers Guide by Tom Murphy

**The Cherokee Tribe* by Terry Rogers.

*This 156 page book is full of performance charts for many Piper models, AD listings, model year idiosyncrasies, and a supplier and modifications directory. There is no publication date. It has 16 chapters, and includes one on how to shop for a good Cherokee. This informative book is probably a must for Piper owners, but any member can take a look at this copy before you buy your own.

We also have books on the following aircraft in our 338.7 section: Aeronca, Antiques, Beechcraft, Bellanca, Boeing, Cessna, Curtiss, Fairchild, Funk, Hughes, Lockheed, Martin, Monnett, Northrop, Sikorsky, Stinson, Taylorcraft, Travel Air, Ryan, Waco, and Welch.



EAA 113 Annual Awards Banquet

The countdown is on for the annual EAA 113 Awards Banquet which promises to be “Out of This World!”

We are honored to have as our guest speaker, Charlie Precourt, member of the Astronaut Hall of Fame and EAA Vice Chairman.



- ★ The date has been confirmed for March 25th, 2017
- ★ The event will be held in the EAA 113 Aviation Center
- ★ Doors will open at 6:00 p.m.
- ★ Dinner to begin at 7:00 p.m.
- ★ Tickets for this event are \$30 per person
- ★ Silent Auction with special items, sure to be of interest!
- ★ The deadline to purchase tickets is March 10th.
- ★ Business Attire Please



NOTE: We hope to sell this event out due to the special nature of our guest. You may purchase tickets on our website: www.113.eaachapter.org or see Debbie at this month's meeting. There are a limited number of tickets available and we will now be opening this event up to other interested aviation groups. If you plan on attending, please buy your ticket early to ensure your spot!! No tickets available after March 10!!

FAAST/MDOT SAFETY MEETING



There was a great turnout for the FAAST / MDOT Safety Meeting held January 26, 2017 in Chapter 113's meeting room.

Photo Courtesy of Shunsuke Shibata

RIP NORM DONALDSON
February 14, 1932 - February 1, 2017

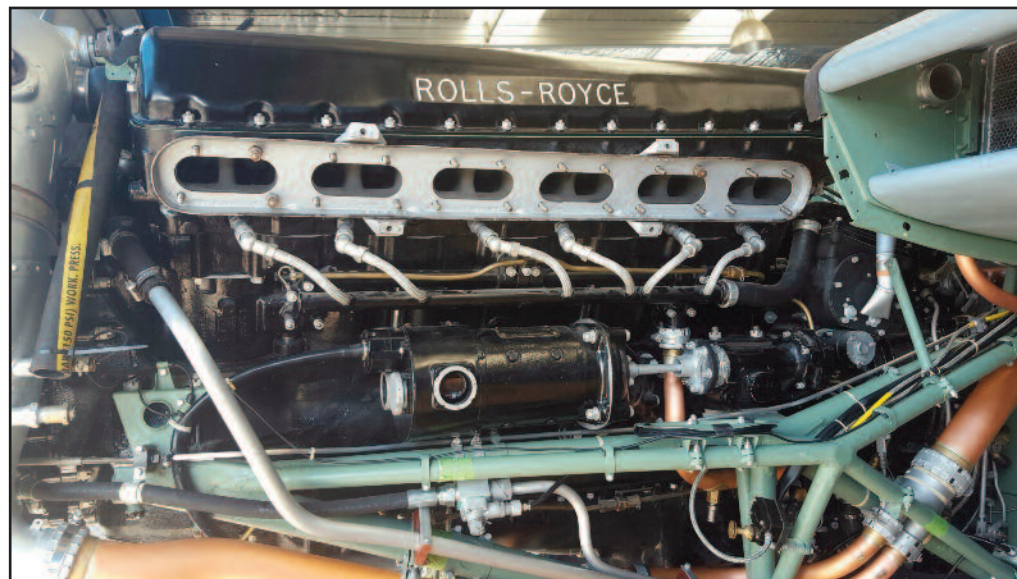


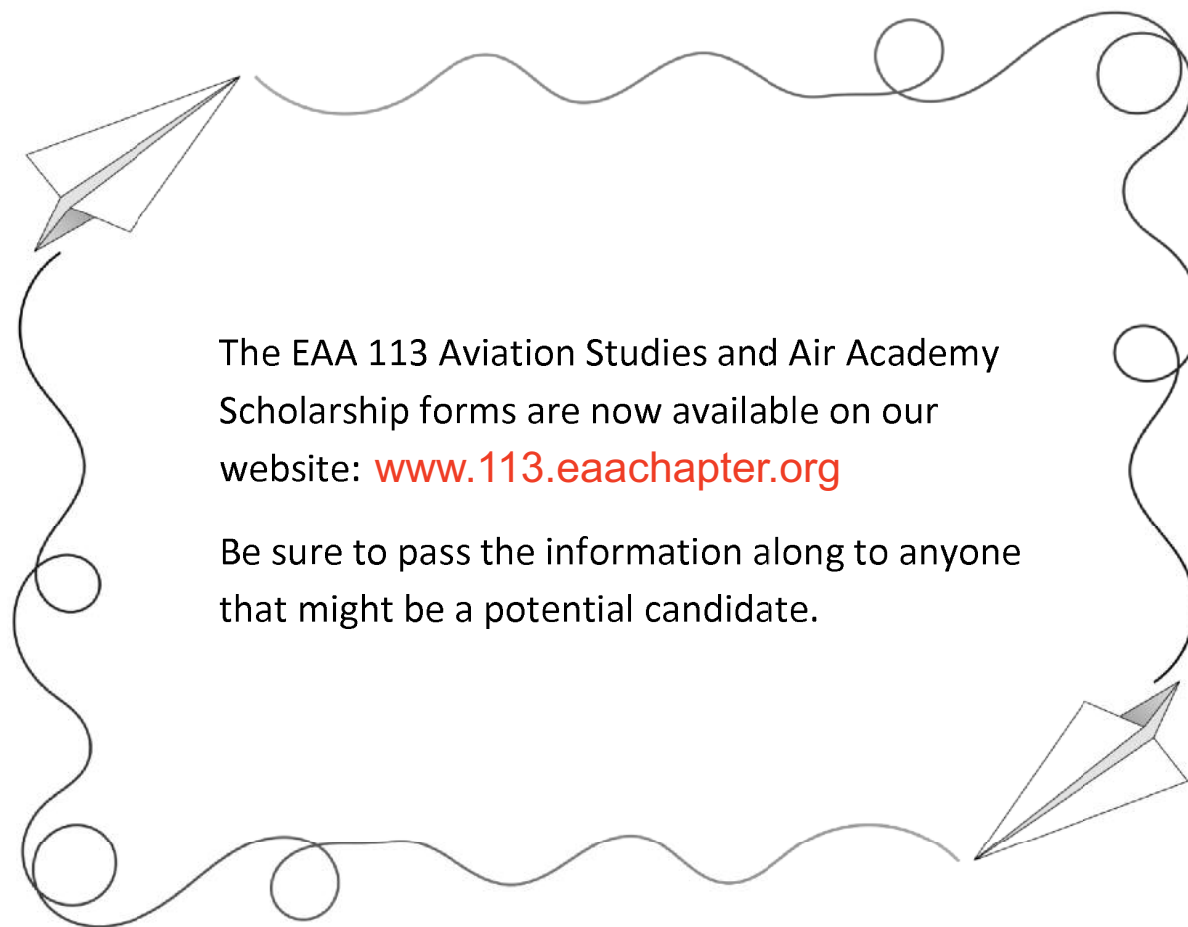
Chapter 113 mourns the loss of one of our founding members, Norm Donaldson.
Our condolences to his wife, Betty and their family.

NEWS FROM NEW ZEALAND

By Dave Josy, Submitted by Pete Waters

A second De Havilland Mosquito was completed and test flown here in NZ. I (Dave) was there for the test flight. It's now the third flying in the world. NZ did the first and took eight years to complete. The second took three years. There is another already under construction and they hope to have it ready late 2018.





Print copies of the Scholarship application from our website:

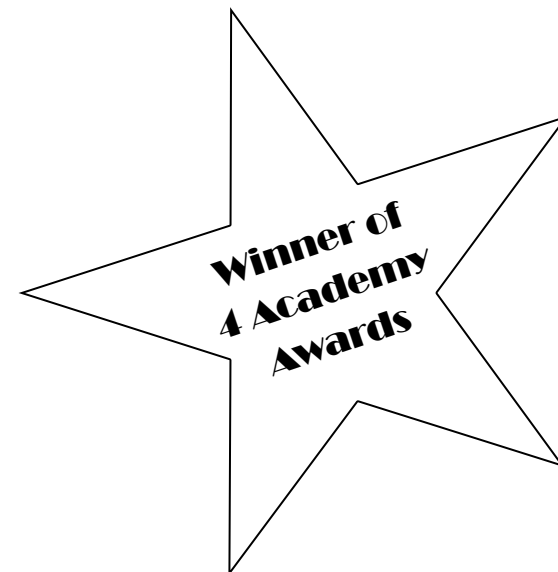
<http://www.113.eaachapter.org/documents/2017%20Fillable%20EAA%20113%20Scholarship%20.pdf>

Air Academy application:

<http://www.113.eaachapter.org/documents/2017%20Air%20Academy%20Scholarship%20Application-Fillable-1.pdf>



Movie Night
 at EAA 113 Aviation Center
 Friday, March 3rd
 at 7:30 p.m.



Rated PG-

VOLUNTEER FOR THUNDER OVER MICHIGAN 2017 AND RAISE MONEY FOR EAA 113!

The Yankee Air Museum air show, TOM 2017 featuring the US Navy Blue Angels is three days over the Labor Day weekend this year so more volunteers than ever are needed to run the show. Want to be an air show insider? EAA 113 is being offered the opportunity to provide volunteers. In return Yankee will write a check to EAA 113 in the amount of \$500 for each 15 volunteers! The EAA 113 board would use these monies for the scholarship fund.

The assignment is to be an A-Team (admissions) volunteer where you'll take money and tickets as vehicles enter the airport. EAA will be assigned the A-Street gate, east side of the airport on Labor Day. It is the entry point closest to the show so a few of the aircraft may over-fly this location (certainly the Blue Angels will in the afternoon) as you process cars. To volunteer you need not be an EAA 113 member. Recruit your family, teenagers, friends, relatives, neighbors! We need a minimum of 36 people but 45+ would be welcome!

Requirements:

- **4 hour shift** – you'll be on your feet for several hours at a time but can take breaks (we do have a few jobs for people who aren't mobile). Shifts are 7-11, 8-12, 9-1, 10-2 & 11-3+.
- **Pleasant attitude** – you'll be dealing with the public and representing the Yankee Air Museum
- **Ability to do simple math** – many tickets are prepaid but we still take a lot of cash.

What:

You'll be processing several cars a minute, but we have a system that makes it easy. You'll be working in teams of 2-3 people to spread the work load. If you're not comfortable handling cash we have "flagger" jobs to help direct traffic. For those who wish, training sessions will be conducted in advance at the EAA 113 hangar. You'll also get detailed emailed briefings about your assignment, when to be there, parking, even where the porta potties are! Safety and courtesy are the first two rules of engagement, but a little farther down the list is the "have fun rule" followed by "we are serious about the have fun rule."

Air show volunteer perks

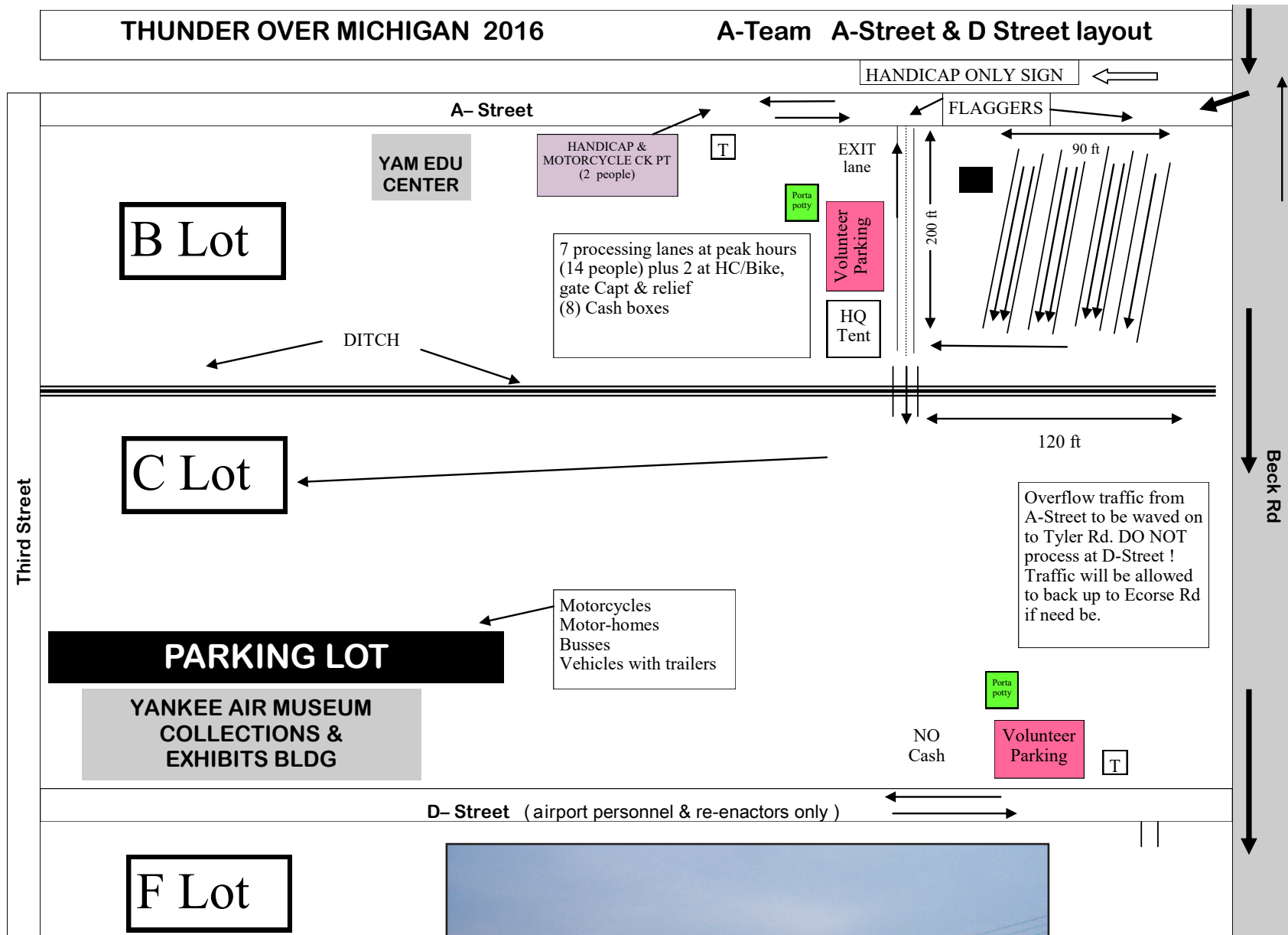
- **Free air show entry** - on the day you volunteer (when not working) **AND** tickets & parking pass for another day
- Air show T-shirt (must volunteer by April)
- Free lunch on the day you work
- Free access to Volunteer/Air Crew/VIP tent on the day you work
- All the cold bottled water you need
- Helping to raise money for the new Yankee Air Museum to be known as The American Museum of Aviation and Technology at Historic Willow Run

If you are interested or have questions, contact Dave Steiner dsteiner@blackmoreco.com or any other EAA 113 board member. Dave will be at the January meeting to answer questions and sign you up!

continued....

THUNDER OVER MICHIGAN 2016

A-Team A-Street & D Street layout



A-Team Briefing Thunder 2016

6 pages, please read them all!

Hello Awesome A-Team Volunteers

Checklist

- 1) Wrist band, parking pass - (but you'll be parking near your duty station/gate NOT where it says on the hang tag unless you want to walk a long way to where you work)
- 2) Weather appropriate clothing, comfortable shoes and sunscreen.
- 3) A friendly attitude and smiley face
- 4) Volunteers may bring their own coolers and lunch if you wish. As A-Team, you are able to park your car only a few hundred yards at most from where you work! Volunteer lunch will be 11-2 in the volunteer tent, but if your A-Team assignment precludes you going there, we'll have pizza delivered each day to your gate!

Thank you for volunteering for the airshow. **This is the most important briefing you'll get.** Please read through it, even print a copy of it and bring it with you to the show for reference. Or at least review it again before the weekend. Thanks again for volunteering!

Gate Captains and cell phones are (I'd attach pictures but we're not that good looking)

Dave Steiner – (734) 645-1150 Saturday - A St, Sunday Tyler Rd but floating too

Dan Petroskey – (248) 675-7414 Saturday & Sunday - Tyler Rd

Rich Steiner - (734) 223-3456 Saturday, Sunday - H-2

Mel Pomerantz (313) 378-2450 Saturday A St,

ASSIGNMENTS SUBJECT TO CHANGE !

Gate Captain should be spending most of his time in the main gate tent. Find out who it is when you arrive so you'll know who to ask questions of and so he knows who you are. Check yourself in on the clipboard on the table. Those of you coming at 0700 will be getting a briefing. If you are iPad savvy make sure your gate captain knows so you can be assigned a unit. You'll "float" to cars that need to use credit cards. See within briefing below. **Actually not sure yet if we'll have these**

WHERE

Gates and locations: (Not familiar with the airport? Strongly consider driving out there prior to the show to find out where you need to be when your shift starts)

H2 (southwest side of the airport) **HQ tent** is at end of the traffic lane/cone area

Park your car along the fence behind the tent) (**pink on map**). To get there follow signs for west and south airport entrances. You'll be coming in on Tyler Rd. Best to come in from the WEST side on Sunday morning before 9am to avoid the 5K Run closure of the south service drive

A-Street (east side of airport off Beck Rd) **HQ tent** is well off the road

Park your car near (west of) that tent somewhere (**pink area on map**)

D-Street (east side of airport off Beck Rd) **Tent** is near Beck Rd.

This entrance is intended for airport employees only, re-enactors, Active Aero/USA Jet party people. Park your car north of the road by the tent, (**pink area on map**) Only a few people each day are assigned to this gate

Tyler Rd (east side of airport off Beck Rd) **Unless wet/soft conditions prevent, this gate will return to the old layout we've used in the past, rather than the 2015 layout.** **HQ tent** is well off Tyler Rd, to the east of the group of trees. Vehicles, except handicap, motorcycles and motorhomes (and Orange Hang tag

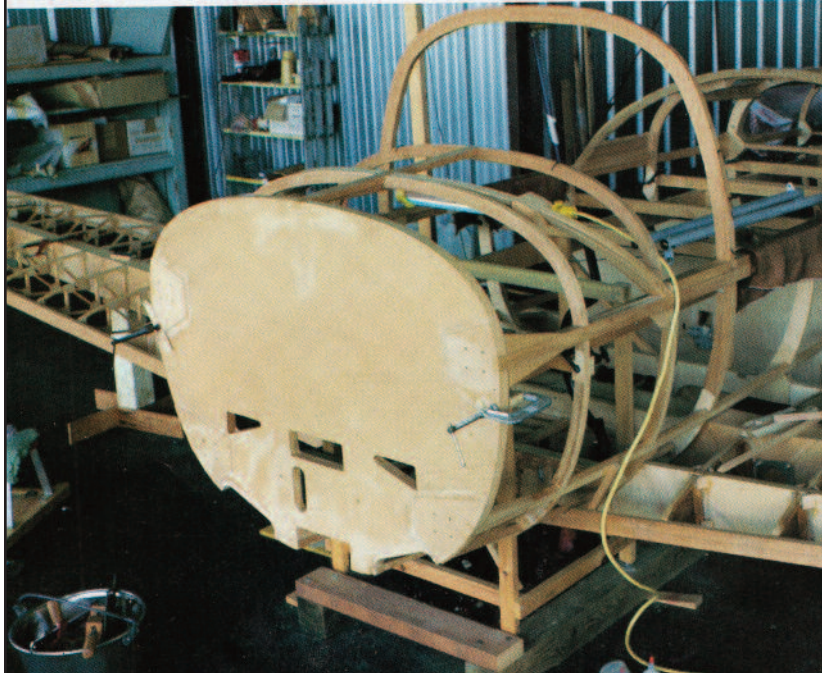
FALCO PROJECT OFFERED

FALCO, Sequoia Aircraft Corporation, all wood two place with tricycle retracts, a real speed merchant.

This is a beautiful project for sale. This has the tail feathers and the main spar completed. Construction is excellent, and evolves into a superb flying machine. We have accepted the constructed components, plans and some other materials as a tax benefit for the owner. We are accepting ANY offers for the whole package, no respectable offer will be refused from EAA 113 members or other interested parties.

There is a Falco flown at Pontiac, and you may wish to visit for a close examination and conversation with the builder.

Our package is, right now, in Rochester Hills, but will be transferred to Pete Waters's hangar in Salem Township in the spring. More details can be obtained by contacting the owner, Joe Hass, 248-321-7934.



Specifications & Performance		
Engine	160 hp Lycoming IO-320-B1A	180 hp Lycoming IO-360-B1E
TBO	2,000 hrs	2,000 hrs
Propeller	Hartzell two-blade, constant-speed	Hartzell two-blade, constant-speed
Seats	2	2
Gross weight, normal and utility	1,880 lbs	1,880 lbs
Maximum aerobatic weight	1,650 lbs	1,650 lbs
Empty weight, equipped	1,212 lbs	1,220 lbs
Useful load, normal and utility	668 lbs	660 lbs
Useful load, aerobatic	438 lbs	430 lbs
Payload with full fuel	428 lbs	420 lbs
Wing loading	17.5 lbs/sq ft	17.5 lbs/sq ft
Power loading, normal and utility	11.7 lbs/hp	10.4 lbs/hp
Power loading, aerobatic	10.3 lbs/hp	9.2 lbs/hp
Fuel capacity (all usable)	40 U.S. gals	40 U.S. gals
with optional inverted tank	43 U.S. gals	43 U.S. gals
Baggage	90 lbs	90 lbs
Rate of climb	1,140 fpm	1,500 fpm**
Best rate of climb airspeed	104 mph	104 mph
Climb gradient	662 ft/sm	872 ft/sm
Service ceiling	19,000 ft	19,000 ft
Maximum speed	212 mph	220 mph**
Never-exceed speed	240 mph	240 mph
Cruise at 75% power at 6,000 ft	190 mph*	198 mph**
Fuel flow at 75% power	8.5 gph	9.6 gph
Endurance at 75% power	4.4 hrs	3.9 hrs
Range, economy cruise	1,000 sm	920 sm
Stall speed, clean	75 mph	75 mph
Stall speed, flaps/gear down	62 mph	62 mph
Turbulent-air penetration speed	140 mph	140 mph
Take-off run	570 ft	530 ft**
to clear 50 ft	1,150 ft	1,020 ft**
Landing run	750 ft	750 ft
to clear 50 ft	1,150 ft	1,150 ft
* 210 to 225 mph has been attained by a number of 160 hp Falcos with full gear doors, flap auto, etc.		
** Estimated. Flight performance of 180 hp Falco effectively confirms these estimates.		

Dimensions	
.....21' 9"	Airfoil, wing root64 212-112
.....7' 6"	Airfoil, wing tip64 210
.....26' 3"	Airfoil, tail group65009
.....6.4	Dihedral5°
.....107.5 sq ft	Wing washout3°



American Eagle Flying Club Membership for Sale

American Eagle Flying Club is a two aircraft, 20 member club located at New Hudson airport. Please contact: Mark Baty for additional information (502-642-5566 or email mbaty@att.net) We've upgraded our planes with many new items over the years and continue to improve them with ongoing upgrade funds. We maintain an engine reserve fund for new engine replacements. Both planes have matching paint schemes and are in great shape.



180 hp 4 place aircraft with -960 lb. useful load, cruise is about 115 kts. Newly rebuilt engine has less than a year since installation! Avionics: a new Garmin GTN650 touch screen GPS/Com w/CDI, Garmin 340 audio panel w/marker beacon and 4-place intercom stereo input, Apollo SL30 NaviCom w/ CDI and glide slope, and a Garmin GTI'327 Transponder. Recent upgrades included: wing tip strobes, 4061\hzELT, back up vacuum system, and side windows and interior.



180 hp 4 place aircraft with almost 1100 lb. useful load! Cruise is about 112 kts. Engine has about 600 hrs since installation. Avionics include: Narco audio panel w/marker beacon, Narco MK12+D flip/flop Nav/Com w/glide slope, Garmin 250XL GPS/Com, King KT76a Transponder, 4 place panel mount intercom. Recent upgrades included: all new windows, glare shield, interior trim refurbishment, carpet, 406Mhz ELT and wing tip strobes.

Don't forget:

*It is time to pay your
Membership Dues!!*

*Cash or Check can be given or mailed to
Dave Buck or use Paypal with the
convenient button on the website:*

www.113.eaachapter.org



EAA Chapter 113 member Mark French, FAA parachute rigger, offers his services to all members of the chapter at a special rate; ***FREE*** for any of their parachute needs. If anyone is in need of a pilot rig for testing or acrobatics, a number of pilot emergency parachutes are available for loan. Any questions related to parachutes and parachuting can be answered by contacting him at:

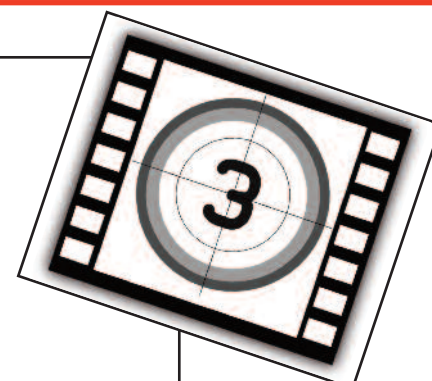
mark.r.french1@gmail.com or by calling 734.260.7342.



Calling all video enthusiasts!

*Submit your video of the month to Sanjay Dhall
at vicepresident@eaa113.org*



(Or you might be watching someone's 60-year-old 8 mm home movies next month....)





February 2017



Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2 EAA 113 Homebuilder's Meeting 7:30 pm 	3  <i>Movie Night 7:30</i>	4 Breakfast @ 3 Brothers 8:15am <i>EAA 113 Frostbite Chili Fly-In 11:00-2:00</i> 
5 	6 ...7-6-5-4 <i>Buy your banquet tickets, there are not many more</i> 	7 	8	9 EAA 113 Board Meeting 7:30 pm	10	11 Breakfast @ 3 Brothers 8:15am
12	13	14 <i>Happy Valentine's Day</i> 	15	16 EAA 113 General Meeting 7:30 pm	17 	18 Breakfast @ 3 Brothers 8:15am <i>EAA Ski Plane Fly-In Oshkosh</i> 
19	20 	21	22	23 EAA 113 IMC Meeting 7:30 pm	24	25 Breakfast @ 3 Brothers 8:15am
26	27	28				



March 2017



Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2 EAA 113 Homebuilder's Meeting 7:30 pm	3  <i>Movie Night 7:30</i>	4 Breakfast @ 3 Brothers 8:15am
5	6 <i>The count-down is on...</i> 	7  <i>Last Day to purchase Banquet Tickets is Friday the 10th at Noon!</i>	8	9 EAA 113 Board Meeting 7:30 pm	10 <i>...3,2,1, Banquet Tickets are all done!</i> 	11 Breakfast @ 3 Brothers 8:15am
12 <i>Daylight Savings Time Begins</i> 	13	14	15	16 EAA 113 General Meeting 7:30 pm	17	18 Breakfast @ 3 Brothers 8:15am
19	20 <i>Welcome Spring</i> 	21	22	23 EAA 113 IMC Meeting 7:30 pm	24 <i>The EAA113 Aviation Center will be closed from 6:00 tonight until 6:00 p.m. tomorrow.</i> 	25 Breakfast @ 3 Brothers 8:15am Annual Awards Banquet 6:00 p.m. 
26	27	28	29 	30	31 <i>NOTICE:</i>  EAA 113 Scholarship Applications DUE	



Next Meeting :
Thursday, February 16, 2017
7:30 PM at the
EAA Aviation Education Center

EAA Chapter 113
8512 N. Lilley Rd
Canton, MI 48187
(734) 392-8113

