

EAA Chapter 145 MEETING: Saturday, March 12, 2011 @ 10:00 am
At Riverview Airport (08C) in the Meeting Hangar



GRAND RAPIDS
CHAPTER 145

Web Page (<http://www.EAA145.org>)

EDITOR'S NOTE: Let me know if you prefer to receive the newsletter by e-mail in place of postal mail and check the chapter webpage for information or send Ken Baas items to put on the web.

MARCH PROGRAM

Our main program on March 12 will be a presentation by Chris Tieman of Mustang Aeronautics. He will be arriving at 08C via Midget Mustang (weather permitting).

Treasurer's report as of February 27, 2011):

Cash: \$183.56	Checking: \$260.29
Savings: \$3,408.80	Total: \$3852.71

ANNUAL DUES

Those who have not yet paid your dues for 2011 will be receiving a Last Newsletter notice with this issue. Prevent future interruption of your newsletter delivery by paying your dues at the next meeting or mailing \$25.00

(Check payable to: "EAA CHAPTER 145")

Bob Swietek

6962 Bridgewater Dr. SE

Grand Rapids, MI 49546

FEBUARY MEETING REPORT

The February meeting was a viewing of the IMAX movie "Legends of Flight in 3D". Thanks to Dick Foster, Bruce Whitman, Bob Swietek, and a very special thanks to Ken Baas for all of their work to make this event happen.

YOUNG EAGLES

Chapter 145 is working on YE events for 2011 on May 21 at Riverview, June 11 at Greenville, and with the Boy Scouts. Volunteer pilots and ground are need at these events. Contact Dick Foster if you can help.

PROGRESS REPORTS

No Updates

TECH COUNCIL REPORT

The referenced advisory rescinding auto gas approval applies only to S-LSA aircraft produced by Jabiru USA. We issued it because of growing evidence from our LSA fleet plus many reports from operators of amateur build aircraft of fuel system problems emanating from some of the additives or contaminants in auto gas. We've received many reports of a stringy mucus like substance precipitating out of the fuel solution that clog fuel filters and gum up carburetors. We've received reports of this happening in fiberglass tanks with sealants, plastic tanks without tank sealants, and even welded aluminum tanks with no sealants.

This substance has been the suspected cause of at least one fatal crash. We've received no such reports from operators using Avgas 100LL.

Searching through fuel test reports from gas stations across the country we find that a significant number of samples reported contaminants such as acetone, mek, toluene and other minor keytones plus the deliberately added components like ethanol, methanol, mtbe and tame. There is now good research that I could find on the effects of long term storage in fiberglass tanks. While our tanks are sealed with a product that is resistant to 10% ethanol there still seems to be a potential problem in every day use. I think that the effects of some of these additives and contaminants coming out of the solution (or suspension) with the fuel and settling to one area of a fuel tank in higher concentrations than expected is unknown and potentially quite damaging. While Jabiru Australia has had coupon samples of fiberglass coated with the sealant immersed in a gas - ethanol solution for nearly two years with no apparent damage to the sealant, there has not been a field study of E10 in a real tank exposed to moisture and condensation that may cause ethanol to combine with water and fall

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to the tank bottom in higher ethanol concentrations than expected.

My advice to operators using auto fuel - either with or without ethanol - is to keep a really close watch on their fuel systems. Carefully inspect fuel filters and carbs on a regular basis.

Pete
Pete Krotje
Jabiru USA Sport Aircraft, LLC
931-680-2800
www.usjabiru.com

AVIATION KNOWLEDGE QUIZ

February

Q: What is this aircraft?
(HINT: It's a Michigan A/C)"



A: This is a reproduction of the Great Lakes Model 2T-1A-1/2 produced by Waco Classics of Battle Creek, MI. It is a fully aerobatic, 2 seat biplane. The Touring model with a Lycoming IO-360-B1F6 engine will will preliminarily priced at \$219,000.

March Question

Q: You're in the construction process of your dream machine and are beginning to assemble the great deal you got on the Lycoming O-290-D powerplant.

The problem is there are two ports in the accessory case for the oil lines. You also plan on installing an oil cooler & filter.

How do you determine which port is the outlet and in what order do you connect the oil filter & cooler?

It's our Chapter. Its only as good as each one of us wants to make it.

Future tentative programs for 2011

Kermit Weeks Hanger trip

EAA145 is making is annual weekend work party trip to the Weeks hanger in Oshkosh on April 15-17, 2011. See attached for details.

May program

Chapter 145 is in the process of meeting with Riverview and West Michigan Flight Academy to set the activities for the EAA "Learn to Fly Day" on May 21.

TBD: Video story of the P-47 thunderbolt

TBD: Aircraft carriers on Lake Michigan?

TBD: A history of Chapter 145

TBD: A summer "all Pilots" picnic/fly in at Riverview Airport

TBD: A Second Annual Movie Day

TBD: Aircraft Ownership & Operation: An Aviation Attorney's perspective

October: Annual Riverview Picnic & Bonfire

November: Officer Elections

December: Annual Riverview Christmas Brunch

(Do you have any more ideas? Bring them to the next meeting.)

Remaining 2011 Meeting Dates (subj. to change)

3/12	4/9		
5/14	6/11	7/9	8/13
9/10	10/8	11/12	12/10

The 2011 officers for EAA145:

- President, Dick Foster
(538-8849 rfoster@grcc.edu)
- Vice President Bruce Whitman
(897-9846 bwhitmanpe@att.net)
- Secretary/Treasurer, Bob Swietek
6962 Bridgewater Dr. SE
Grand Rapids, MI 49546
(676-2951 airdale69@aol.com)
- Newsletter Editor, Dave Kosters
(550-8715 dkosters@accuratenetworks.com)
- Website Editor, Ken Baas
(260-0227 kbaas@celebrationcinema.com)

EAA CHAPTER 145, GRAND RAPIDS, MICHIGAN

TO: All Members / Interested Aviation People

FROM: Dick Foster (616-538-8849) (rfoster@grcc.edu)

SUBJECT: Trip to Kermit Weeks Hanger, Oshkosh WI.

We will be making our annual trip to the Weeks Hanger on the weekend of **April 15 to 17, 2011**. The trip is designed to be a relaxing weekend with the getting together of people who like airplane "stuff". Share the satisfaction of helping restore and maintain the flying aircraft of the EAA collection. Antiques, Classics and Warbirds are kept flying with the support of EAA's volunteer hangar crew.

The cost is shared by the chapter and each individual will pay for 4 meals. Transportation will be by sharing van space or you can fly. Housing will be provided by EAA at the Binder house, near south maintenance. You should bring a toilet kit, change of cloths and a sleeping bag. You could also bring articles, videos, photos, or anything to help with the hanger flying.

Here is a sample agenda for you to look over:

Friday, 4/15

- Leave Riverview, about 1:00 pm
- Supper on the road at O'Hara oasis
- Arrive Oshkosh about 8:00 pm
- Stay overnight at the EAA Binder house

Saturday, 4/16

- Breakfast in Oshkosh on way to Weeks
- Get to the Hanger by 8:00 am
- Work on aircraft, lunch provided at the Hanger
- End work on projects about 5:00
- Supper near by in Oshkosh
- Sleep at Binder house after extensive "hanger flying"

Sunday, 4/17

- Breakfast in Oshkosh
- Tour EAA Museum, 10 to 12?
- Leave Oshkosh about noon, Dinner on the way back
- Arrive in Grand Rapids about 6:00 pm

This is a great way to introduce someone to grass roots aviation, invite a friend to go. Sign up with me if you want to ride or drive. Contact me if you have any questions.

Let's keep them flying.

Dick