



Next Meeting: Thursday April 21st, 2005 at 7:30 pm
Program: Shunsuke Shibata
"Aviation Japanese Style".

EAA Chapter 113
Mark Freeland
42636 Faulkner Drive
Novi, MI 48377

EAGLE'S PROPWASH

April 2005 Issue



CHAPTER 113

"The Backyard Eagles"

Metttal Airport (1D2), Canton, Michigan



Barb and Grant Cook with their Stinson 108-2

Our Web Site: www.eaa113.org

Meetings: 7:30 p.m. the 3rd Thursday of each month at the

NEW EAA113 AVIATION EDUCATION CENTER!

EAA113@yahogroups.com

Member Services

President: Dave Buck (734) 453-5375

Vice President: John Maxfield (248) 348-1417

Secretary: Bob Wagner (313) 274-8292

Treasurer: Grant Cook (734) 769-2432

Membership Committee:

-Chairperson:

-Roster: Mark Freeland (248) 624-9654

-Dues: Grant Cook (734) 769-2432

Technical Advisors:

Joe Hillebrand (480) 895-6314

Randy Hebron (734) 326-7659

Dave James (734) 721-4213

Flight Advisors:

John Maxfield (248) 348-1417

Bob Wagner (313) 274-8292

Scholarships: Howard Rundell (248) 344-1969

Library: Bob Paulson (313) 274-2853

Young Eagles:

Dave James (734) 721-4213

Debbie Forsman (734) 397-3452

Evan Carew (248) 374 1170

Bald Eagles: Mark Freeland (248) 624-9654

Refreshments: Lynn Stone (734) 422-8172

Newsletter: Dion Zammit (734) 718-6912

Aviation Center Management Committee:

Al Bosonetto (734) 261-5518

Dave Buck (734) 453-5375

Bill Brown (734) 420-2733

Bob Skingley (734) 522-1456

Board of Directors:

Al Bosonetto (734) 261-5518

David Forsman (734) 397-3452

John Maxfield (248) 348-1417

Pete Waters (248) 437-4244

Bill Brown (734) 420-2733

Dave James (734) 721-4213

Mike Scovel (313) 462-1176

Pat Charles (734) 495-1878

Mission Statements Chapter

"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

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

Calendar of Events

Saturday Morning Breakfast

Every Saturday 8:30am at the Coney Island on Lilley Rd. across the street from Mettetal airport.

Sunday Morning Breakfast Fly-outs

Every Sunday from Mettetal airport. Arrive at destination by 9:30a.m. Please note the following scheduled events for March:

April 10 Bay City (3CM) Krzysiak's

April 17 Flushing (3DA) Gabby's

April 24 Sebewaing (98G) Ricky B's

EAA Chapter 113's Annual FLY MARKET

Including completed model and full size airplane stuff!
Saturday, April 30,2005 If you are interested in this event,
Please Call Pete Waters at: 248-437-4244



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Safety Seminars

APRIL, 21
Plymouth
Plymouth Library,
223 S. Main St.
7p.m.

Aeronautical Charts, You Will Be Surprised How Much Is There!, Randy Coller, MDOT Aeronautics
Sponsored by MANG Aero Club. Call 517-335-9915

MAY, 24
Plymouth
Plymouth Mettetal
Airport (1D2), EAA
Aviation Education
Center, 8550 N. Lilley
Rd. 6:30 - 9:30 p.m.

The New Sport Pilot/Light Aircraft Rule, Tom Krashen, MDOT Aeronautics.
Airport Hazards & NOTAMS, Randy Coller, MDOT Aeronautics.
Sponsored by Plymouth Mettetal Aviation Association, EAA Chapter 113, Kitze Aviation, & MDOT Aeronautics. Call 517-335-9915

EAA 113 – YAHOO! To access our YAHOO Group Site, go to <http://groups.yahoo.com/group/EAA113/> New users click "SIGN UP." Already a member of a YAHOO Group? Click "JOIN THIS GROUP" You'll have to sign in every time to access all the features. Contact John Maxfield for further information.

President's Podium



Dave Buck (734) 453-5375
dbuck19208@aol.com

Thanks to all who helped with the awards banquet. A lot of effort went into making the event a success. The hangar looked great and the food was excellent. John Maxfield did a terrific job with the silent auction and door prizes. Frank & Linda Bracken, who are both air traffic controllers, were the speakers and kept us entertained with ATC stories. Awards were presented to Craig Sawka for completing his Glasair I RG project, and to Dave James for restoring a Bell 47G2A-1 helicopter, and a 1956 Hiller UH12C helicopter. We had ninety-four members and guests and a few stayed around till after midnight to make it a two-day event.

We've had a number of new members coming to the meetings. If you see a new face in the crowd make sure you say hello and help to make them feel welcome. This month's event is the Fly-Market, check the website EAA113.org for details. If any members are interested in sending children or grandchildren to the EAA Air Academy in Oshkosh, check the EAA website or contact me for details.

Dave

"When once you have tasted flight, you will forever walk the earth with your eyes turned skyward, for there you have been, and there you will always long to return."

-- Leonardo DaVinci

Classifieds

Powered Parachute

2001 Harmening High Flyer Executive, Two seater, 65HP two stroke, Fuel injected, Hirth Engine. Electric start, Three-blade propeller, 3 (yes **THREE**) hrs. Total Time: Airframe and Engine. Altimeter, CHT, EGT, Tiny Tach, Wheel pants, and Open Trailer contact **Jim Trick 248-543-8917**

Keleher Lark

Steel tube fuselage, Wood wings 310 HRS TTAF 65 HP Continental engine, Metal prop, Canopy, Cabin heat No radio or electric system contact **John Maxfield at 248-348-1417**

Acro Sport II Project Plans (ser. no. 2066)

Top Wing Center Section, Top Right Wing, Ribs for Top Left Wing, Wing Rib Jig, 4 Ailerons, Spruce Material for remaining Top and Bottom Wings, Genuine MacWhyte stainless steel drag and anti drag wires for all wings, Fiberglass Wing Tips. ONLY \$500.00 **Jack Broomall, 248-477-9472 (home), 248-345-0226 (cell), jhbfly@cs.com**

Lincoln SP-125-Plus MIG welder with gas system, cart, heavy duty extension cord, spare tips and wire. 120volt. \$475.00 **Pete Waters at: 248-437 4244 or via e-mail: pete@kraftmidwest.com**

New T Hangar at Mettetal available until June '05

Contact:
Robert Trumpolt
386-788-8155 H
386-589-6722 C
twabob@cfl.rr.com

Tools - Airco torch with 4 tips \$75 Very good condition, 2x2x4 ft. Bead Blaster with abrasive separator-\$600, 18" Dial height gage \$500, 24" Vernier calipers with box \$80, 5C Spin index with 16 collets \$100, 5" Jaw compound vise \$300, 10" Horiz/Vert rotary table \$300, 1" R8 Arbor with saws \$50, 5HP 2 Stage 60 gallon Vertical Air Compressor \$700 (Will sell only after sale of bead blaster). Request e-mail pictures for any item from the EAA 113 web master or mikmar875@comcast.net
Mike Fuhringer 734-461-0249

1/4 share of 1959 K35 BONANZA

THE CADILLAC OF PISTON ENGINE AIRPLANES
LOCATED AT NEW HUDSON AIRPORT (Y47)

I am selling my share due to retirement and moving to another state. This is a beautiful; Full King IFR equipped airplane with a new paint job last year. It is a dream to fly.

V-Tail Flyers, LLP is a well-established partnership and have had this airplane since 1997. You will be in partnership with 3 great pilots. We have a reserve in the bank for engine overhaul, which stays, with the partnership. Kalamazoo Aircraft services the plane. They have won awards for their quality service from the Bonanza Society and they do a great job.

If you are a pilot who wants an aircraft that will get you somewhere quickly, at a very reasonable cost, this is the airplane for you. With only a total membership of four pilots, the airplane is very available for local and long distance flying.

Please call **Carl Nank @ 248-496-6408** or email: cbnank@comcast.net for more information.



SECRETARY'S Scribbles



Bob Wagner (313) 274-8292
wagner16@mindspring.com

Tables available for the EAA Chapter 113 3RD Annual FLYMARKET - \$20

See attached flyer. If you have items to sell, but not enough for a whole table, consider finding others to share a table with. You may donate items to Chapter 113, which will be sold at the Chapter's table. Document your donated items for tax purposes and put a price on them. Contact Dave James at (734) 721-4213 to donate items to Chapter 113 for sale at the Flymarket.



CHAPTER 113 MEETING MINUTES

Meeting Date: March 17, 2005

Meeting Time: 7:30 PM

Number of Members Present: 47 (1 New)

The minutes of the Board of Director's meeting of March 5, 2005 were read.

President Dave Buck handed out award plaques for past guest speaker presentations to Dion Zammit, Randy Hebron, Scott Hebron and Dave McKenzie.

Steve Poland reported on the first flight of his new Jabiru J-400 on March 12, 2005. The plane flew well and he is now ready for some serious testing.

Randy Hebron and Dave James reported on the airport users meeting held on March 10, 2005. State of Michigan representatives said the runway will have to be shortened to 2100 feet to qualify for an instrument approach, based on the latest FAA rules. The airport management will be sending out a questionnaire polling the pilots as to whether they prefer an IFR approach capability or a longer runway (approximately 2300 feet) restricted to VFR only. State representatives further advised of plans to tear down the existing open hangars on the west side of the airport during the year 2006.

Dave McKenzie showed a video of flights in his Great Lakes biplane, which were not shown in his presentation last month because of a glitch in the projection equipment. Included was a record of his last flight during an air show at Mason Michigan, in which he collided with the ground during an attempted recovery from a tail-slide.

Mike Scovel brought in, for show and tell, a hot-wire foam cutting demonstration for the members to see. The demonstration piece was an airfoil for his Vari-eze project.

Guest Speaker:

Name: Dion Zammit

Topic: Use of the “Anywhere Map” and other portable navigation, weather and flight-planning devices in the cockpit. Dion explained that he normally rents aircraft that do not have built-in advanced avionics. He therefore brings his own portable devices, which are either battery powered, or plugged into the aircraft power jacks. Dion reports that it takes extra set-up time before the flight, but the effort is worth it. He especially finds on-line weather reporting valuable during IFR flights into weather.

Recorded by:

R.C. Wagner, Secretary

Correction

The February 2005 issue of the Eagle’s Propwash included an article from EAA National regarding EAA’s Aviation Services. The correct phone number for EAA Aviation Services is 888/EAA-INFO (322-4636).

Young Eagles Website



The new Young Eagles interactive website (www.YoungEagles.org) is up and running with numerous improvements designed to nurture the interest in flying ignited by a Young Eagles flight. The ever-evolving website includes aviation games, regular webcasts, video and still photo archives, flight simulator information, reviews and downloads and online chats with famous aviators. One of the first major events scheduled is an online chat with air show star Patty Wagstaff -April 20th from 7-8 p.m. Central Time. This website is loaded with information and plenty of fun activities. We should encourage the Young Eagles at our events to visit this website. I think they’ll really enjoy it. DJZ

Interested in making an aviation movie?

George Binson is a Chapter 113 Member who has worked in Theater around Metro Detroit for a number of years. He is an aviation enthusiast who would like to make amateur movies with an aviation theme. He is looking for volunteers who would like to get involved in such a project. The movies will be made for recreation, education and the entertainment of the Chapter 113 Membership. George writes:

GB Productions, an independent filmmaker, is offering an exciting opportunity to Chapter 113 Members and friends who would like to participate in making a movie. I need a volunteer work crew. Hours are short. The focus is on the relationship with people who have

aviation interests. The first movie will be an experimental short movie. Next, we will do a digital movie and 16 MM with real actors. If you have experience in this field, we need you! We need people in screenwriting, editing, sound recording, special effects, photography, assistant director, location scouting and more! We would like to have two bi-planes for our backdrop in our first experimental movie. No need for flying, just warm up the engine for the sound. If you think you'd like working on the set, email me at gb_pictures@yahoo.com.

George Binson

Konstruktors Korner

Pete Waters (248) 437-4244
pete@kraftmidwest.com

Not much to report this month, with little news of status of work done, or test flights either. Here, I have the schematics completed and a Low Fuel Alarm built. I increased the diameter of the header tank in the Avid, and added a refractive index sensor, which, like a simple float switch, will provide a signal to warn me that there is air at the top of the header tank. I have the signal switching a flashing bright LED on the panel, and a beeping audio into the intercom. The amount of fuel left will give me about fifteen minutes of engine run, though I don't plan on needing it. By the way, I also have a panel switch to shut the audio off, and it is on the pre-flight checklist. We will be back in town for the next column, and I'll have some photos too!

Cheers
 Pete

Spark Plug Rotation

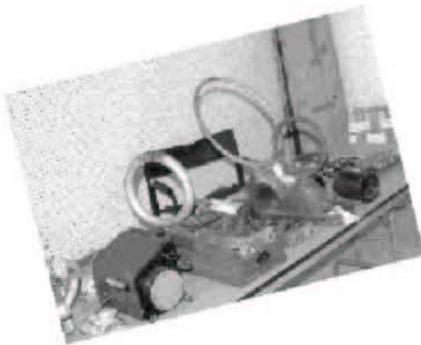
To get the maximum life from the spark plugs in your magneto ignition aircraft engine, it is necessary to rotate the sparkplugs at regular preventive maintenance intervals. This procedure is outlined in Teledyne Continental Motors service instruction letter (SIL) 03-2 (see tables below). Aircraft sparkplugs have a center electrode and one or two side electrodes. In the first plug, the spark jumps from the side electrode(s) to the center electrode. In the next plug, the spark jumps from the center electrode to the side electrode(s). This every-other-plug pattern continues for all the spark plugs. If left in the same location, half of the plugs would wear out the center electrode and the other half would wear out the side electrodes. By rotating the plugs per manufacturer's recommendation (pick a manufacturer), the wear between the center electrodes and the side electrodes will be evened out, therefore extending the useful life of the spark plugs.

4 CYLINDER ENGINE SPARK PLUG ROTATION

FROM CYLINDER NUMBER	TO CYLINDER NUMBER
1 TOP	4 BOTTOM
1 BOTTOM	4 TOP
2 TOP	3 BOTTOM
2 BOTTOM	3 TOP
3 TOP	2 BOTTOM
3 BOTTOM	2 TOP
4 TOP	1 BOTTOM
4 BOTTOM	3 TOP

6 CYLINDER ENGINE SPARK PLUG ROTATION

FROM CYLINDER NUMBER	TO CYLINDER NUMBER
1 TOP	6 BOTTOM
1 BOTTOM	6 TOP
2 TOP	5 BOTTOM
2 BOTTOM	5 TOP
3 TOP	4 BOTTOM
3 BOTTOM	4 TOP
4 TOP	3 BOTTOM
4 BOTTOM	3 TOP
5 TOP	2 BOTTOM
5 BOTTOM	2 TOP
6 TOP	1 BOTTOM
6 BOTTOM	1 TOP



EAA CHAPTER 113
3rd Annual FLYMARKET
Tables \$20.00, Admission is Free!
Saturday April 23rd, 2005, 9:00am to 6:00pm
Plymouth-Canton Airport (1D2)
Fly-In or Drive-In *Food Close by!*

To pre-register your sales table or for further information contact:

Al Bosonetto at: (734) 261-5518, or abosonetto@aol.com

or

Pete Waters at: (248) 437-4244, or (727) 393-1669, or pete@kraftmidwest.com

Location is in the new EAA 113 Aviation Center. We will have Coffee and Donuts available and a comfortable community area to hangar chat. Bring ONLY aircraft related parts: engines, tools, materials, instruments, etc. Clean out those storage areas, empty the shelves and make someone happy! This is an old fashioned flea market for aviation buffs, with no vegamatics!