

CHAPTER 55 EXPERIMENTAL AIRCRAFT ASSOCIATION

AUGUST 2007



Meetings are the 2nd Saturday of each Month

EAA Chapter 55 Hangar - Mason Jewett Airport – 643 Aviation Drive, Mason, MI 48854
Pres: Bill Purosky 214-2729 Vice Pres: Tom Botsford 663-1318 Treas: Sharron Hacker 740-4647
Secr: Del Johnson 676-2756 Editor: Warren Miller 214-2656 (all Area Code 517) www.EAA55.org

Climb and Maintain Flight Level 55

Well, it's August and we are getting very close to our Mason Aviation Days event. We still need a lot more volunteers; so come to the meeting this Saturday, August 11th, ready to sign up for a number of slots that are open. I've talked to a number of you about this and you have reassured me that you are coming and will help. That really doesn't work well. We need to know what you are willing to do so that we know every area is well staffed to complete our event with the least amount of problems. When people show up, usually right in the middle of a busy time, most of us don't have the time to stop and think about who needs an additional worker. We are concentrating on the job we are rushing to do at that moment. I blame this inability on my age but it may have something to do with my ethnic background, my schooling, my military service, etc. **SO WE NEED YOU TO SIGN UP AHEAD OF TIME!**

**Board of Directors Meeting
August 8, 2007 - 7:30 pm
Chapter Membership Meeting
August 11, 2007
Breakfast 8-9 Meeting 9:30 am**

You will notice that the new taxiway is essentially done but there is still a lot of dead grass and dirt out in the areas where we will be having our event. This will make a little extra work for us to try and prevent everyone and everything from getting sandblasted when an airplane starts up to taxi. In some cases, we may need to push airplanes on to and off of the dirt areas to a taxiway before allowing the engine to be run. In addition, the FAA requires that we lead an airplane through the spectator areas. Walking the wing tip area until the plane has gotten to a cleared taxiway is needed for safety reasons. Please remember, we give the pilot of any aircraft the respect for his machine and his ability. We ask if we may assist in pushing the craft and where is the best place to push on it before touching it.

On another subject, another Oshkosh has come and gone since our last newsletter. I was lucky enough to spend two full days at the show and it was great as always. The weather was cooler than many years that I have attended and one morning it rained. That

gave me a chance to get into the vendor buildings and attend some forums and seminars as well so the time was not wasted. As always, it was a fantastic show that is unrivalled anywhere in the world. If you haven't been there, you need to plan to go next year. I'm planning to be there again.

See you at the meeting as well as on the 18th and 19th. Come out do some work and have some fun.

Bill Purosky, President

BREAKFAST W/CHAPTER 55

<u>August Team</u>	<u>September Team</u>
Bob Clark	Dick Bacon
Richard (Dick) Hass	Barb Bacon
Gary Long	Dale Buttermore
John Kennedy	Carl Dalrymple
Jim Palmer	John Kingsbury
Mary Schwaderer	Ed Search
Jim Schwaderer	Al Spalding
Rocky Stone	Julie Spalding
Roy Thelen	
Craig Tucker	



July Cooks: Dick Wilke, Warren Miller & Don Chubb

EAA Chapter 55

Board of Directors Meeting, July 11, 2007

Meeting called to order at 19:45 Board members present: William Bezdek, Thomas Botsford, Deborah Groh, Charles Hacker, Sharron Hacker, Vickie Vandenberg, and committee chairman Douglas Koons. Minutes from last meeting were accepted.

Treasurer's report: Sharron Hacker distributed copies of the Chapter's profit and loss statement for the month of June, and YTD, along with 30 June balance sheet. Dawn Patrol income was \$1,170.83. Total Chapter 55 assets as of 30 June are \$17,529.93. Report was accepted.

Committee reports: Young Eagles: Doug Koons reported that 14 July's Young Eagles event will be moved to the terminal building because of ongoing taxiway construction. Access to the runway from the Chapter hangar is severely restricted.

Membership: Two new members joined in June.

Old business: The Chapter is still in need of a Program Coordinator.

Doug Koons reported that the bathroom and storeroom repairs are almost complete. A new electric baseboard heater is yet to be installed along. The portable announcer's tower casters have been repaired. Roof repairs are holding with the exception of occasional water leaks from gasketed roofing nails. Nails will be replaced with gasketed screws in that portion of the roof.

Joe Pirch submitted Terry Lutz's name for the EAA Major Achievement Award. Did not win. Bill Purosky submitted Warren Miller for the Best Newsletter Award. Did not win.

We must start planning for the Christmas Party to be ready in time.

Vickie moved Newberry Scholarships to a separate line item in our Chapter budget.

Mason Aviation Days: Doug Koons is working on an airport layout plan for MAD. New taxiway location affects available space. More displays and rides will have to be moved east to vicinity of the terminal.

Doug relayed free tee-shirt offer from company that printed our safety vests. Company will contribute 50 tee-shirts with our graphics and their advertising in return for a warbird ride. We can sell them for \$10 each as a fundraiser.

Discussed food and beverage sales at MAD to eliminate additional trips to the market during the event, and reduce packaging costs for condiments. Will drop rolls and butter because we are serving baked potatoes. Discussed strategy for ascertaining overall food quantities required.

Connie is completing paperwork for airport closing and air show waiver.

Discussed newspaper advertising for MAD. Vickie brought sample advertisement for review and discussion. Changes were agreed upon.

Authorized expenditure of \$100 for replacement of "Airport Rules" signs due to deterioration. Will make four (4) 36 x 48 inch laminated signs.

Current MAD budget projects a loss of approximately \$4,500. Sales of rides will reduce this amount. Next MAD coordination meeting is 18 July at 19:30.

Meeting adjourned at 21:15

William Bezdek

EAA Chapter 55

General Membership Meeting – July 14, 2007

Bill Purosky called the meeting to order at 09:30. Three guests were introduced: Dan Sutter, Rick Turner, and Adam Heinlein. Last month's minutes were accepted. Treasurer's report: Sharron Hacker reported we have \$17,420 plus an additional \$1,170.83 income from the Dawn Patrol event. Report was accepted. Committee Reports: Young Eagles - Doug Koons cancelled for today because of weather. Requested volunteers for next month's event. Mason Aviation Days: Bob Smith requested volunteers and brought sign-up sheet. Doug Koons also requested volunteers for field security and parking. Vickie Vandenberg reported the MAD coordination meeting has been moved to Monday night to accommodate members personal schedule changes. Bill Purosky reports that Dave Groh and Connie Stewart are completing applications for airport waivers. Dick Wilke offered to coordinate Antique Car Club display at MAD. Old Business:

Doug Koons and Warren Miller completed the bathroom renovations. We still are in need of a Program Coordinator Our hangar is now full, with three airplanes renting. The builders' hangar is now empty, with one new aircraft soon to come in.

We must clean the hangar in preparation for MAD. New Business:

New tables and chairs will be considered pending our financial status after MAD. Our old microwave oven is for sale. The old metal shear in the hangar is for sale. Interested parties should submit their bids to Bill Purosky. Meeting adjourned at 10:40.

TIDBITS 2007

By Vickie Vandenberg

WORKERS DESPERATELY NEEDED FOR MASON AVIATION DAYS:

Bob Smith has been contacting members one by one to fill in the work detail shifts for Mason Aviation Days. The MAD Committee has put a lot of extra time and effort into the planning and promoting of this event.

YOUR chapter needs YOU!! Our profit will come from food sales - we need workers to keep the food served. We also have to commit more workers to aircraft parking and to POP security (PROTECT OUR PLANES).

PLEASE sign up now so that the team captains can see where they stand. Do you have a spouse, friend, relative, or older child or grandchild that would like an opportunity to volunteer?? We welcome them.

The work grid will be posted at the hanger for the upcoming meeting. Those of you, who have signed up, please verify we have your name in the right place & time.

SET UP FOR MASON AVIATION DAYS:

After the meeting Saturday, we will be seeking volunteers to clean & mop the hanger plus get things ready for Mason Aviation Days.

Wednesday thru Friday evening there will also be prep work going on at the hanger. Extra hands help the task go smoother.

EQUIPMENT NEED FOR MASON AVIATION DAYS:

We would like to borrow the following items:

Flip top coolers

Canopies

Household box fans

Bar stools - 2 or 3

If possible, we would like them at the hanger by Wednesday evening. Be sure each item is LABELED with your NAME.

MASON AVIATION DAYS BANNERS:

We purchased two great banners this year. One is on the Hart Well building seen as you exit Meijers at Hull & Kipp. The other has been seen at the back exit of the fairgrounds and will soon be moved to the airport entrance. These will be available for purchase after our event. Notify any officer if you are interested. We may sell via silent auction if there is enough interest.

AIRVENTURE OSHKOSH CHAMPIONS:

And the winner is... Congratulations to Dan Schiffer who received the Grand Champion Post WWII Award for his recently completed NA T-6G Texan. Another local, Randy Maiville of Onondaga & Jackson Chapter 304, received the Returning Grand Champion Award (he was last years GrC Post WWII recipient). See more at http://www.airventure.org/2007/8sun29/aircraft_awards.html

MEETING ROOM MAKEOVER:

Many thanks to all the workers who contributed to fixing up of our meeting room this year. Most recently we have seen the painting and flooring of our storage room/rest room by Bill Purosky, Doug Koons and Warren Miller. Many thanks to George Moore for his donation of a new rest room light timer and facet set including installation!

eNEWS LETTERS:

Many of you may subscribe to various aviation eNews – such as Propwash, EAA, and AOPA. Now there is another to add – Barnstormers eFlyer. They have everything from classified to the latest in aviation jokes & cartoons. You can sign up at www.barnstormers.com. The Baroness did a very nice side bar ad for Mason Aviation Days on the newsletter for us.

Young Eagles

By Doug Koons

Chapter 55 has one last YE rally for this year. It is from 10:00 am to 2:00 pm after our meeting on Aug. 11th. Please plan on staying and helping with the kids on Saturday.

One more note on Saturday Aug. 18 after we clean up form MAD I am looking for volunteers to help give the Scouts there Young Eagle rides and train them for there Aviation Badges. I hope to get this done between 6:30 to 8:30 pm. Thank you all

Notes from Cape Juby

By Terry L. Lutz, Chapter 55

Flight Advisor

Air Venture 2007 is now behind us, and I hope that everyone who attended had a great time and scratched that annual itch to see more airplanes than the eye can see. I would love to hear from all of you to learn what you liked the best, how many homebuilts you saw, what was really new and eye-popping, and what you spent all your airplane money on.

I was caught completely by surprise when Eclipse introduced the Eclipse Concept Jet, a new and smaller VLJ, which will seat just 4 people. It will compete directly with “The-jet” from Cirrus Design. It’s interesting that both airplanes have V-tails, and both airplanes have a single turbofan engine mounted on top of the fuselage and between the V tail planes. That’s a pretty good location for structure, noise, and to keep the engine free from ingesting foreign objects. Even more interesting is the fact that Eclipse jumped ahead of the game with a flying airplane.

There are many challenges ahead, but as we can all see, the small jet industry is moving nicely forward. It’s going to create a lot of jobs and our Young Eagles will fill some of them. It would be very bad timing to send GA back to the dark ages with user fees. From what I’ve heard and read recently, it looks like the airlines have reluctantly backed off (for now, because it ain’t over until it’s over). But the cost of flying is still going to go up, through what is called an excise tax. Designed to excise money directly from your wallet, this fee will come in the form of an increase in our fuel tax. So that \$4.40/gallon fuel is going to go up. We still don’t know just how high it will go.

According to AOPA, the bill in Congress that we should be supporting is H.R. 2881. Jim Oberstar, D-MN, sponsors this bill. He has been very active in protecting the interests of GA, and the bill he has authored is probably our best hope given the relentless pressure being put on Congress by our current administration, and by the airlines. Delta Airlines, for example, is continuing its email campaign to the elite fliers in Delta’s frequent flyer program, recommended that THEY contact their congressman to support user fees. We need to be there first and be the loudest. So it’s time once again to write to your congressmen and women, and if you agree, ask them to support H.R. 2881.

A few months ago, I was flying a new A300 (just a few numbers before the last one, which was delivered recently to FedEx), and the flight test engineer turned out to be a very

interesting guy, and fellow homebuilder. We were on our way back to the airport in Toulouse when he pointed out a small hard-surfaced runway with homes along one side. "I have a home there now, and that's where I keep my Cri-Cri and Ultralight CTsw".

The FTE was Paul Muller, and he works hard getting airplanes ready for delivery at Airbus. Paul grew up in Belgium, and did a lot of glider flying and glider instructing. Then he decided to move to Brazil and go to work for Embraer in Sao Jose dos Campos. He worked on the Bandeirante and Xingu turboprops, a Brazilian glider called "Quero-quero", and the Tucano turboprop trainer. He married a beautiful Brazilian lady, and eventually moved back to Europe and joined Airbus in 1990.

If a Belgian that worked in Brazil and now works in France isn't international enough, consider this example of how international the concept of Young Eagles can be. For the last 3 years, Paul has brought a young Colombian boy into his home, and fostered the boy's intense interest in aviation. Paul's brother has a friend who is married to a Colombian lady. The Colombian lady has a sister living in Bogotá, and it is her son, Mateo Huertas, that Paul has hosted here in France. He has given Mateo several flights in his Ultralight, and Airbus even allowed him to job shadow Paul during one of Paul's busy days at Airbus. A picture of Mateo is attached.



Paul and his wife have just completed a home and hangar on a hard surface airport in the Gers region of southern France. If you have Google Earth, it's near the tiny town of Berdoues, about 20km on a 225 heading from Auch. There are 14 home sites on the airport, and it's named "Village Aeronautique Berdoues". I followed the signs that said "Aeroclub".

Paul is a homebuilder, and in 1989 completed an MC-15 Cri-Cri. If you are not familiar with a Cri-Cri, it is the world's smallest twin-engine airplane, sporting two 15 hp JPX 2-cycle engines that are mounted on V-struts on each side of the nose. Designer Michel Colomban created the MC-15 many years ago. Michel set the world of aviation on its ear with the Cri-Cri, mainly because it was so tiny, had such tiny horsepower, yet Michel could be seen flying upside down and doing all sorts of aerobatics with it. French officials promptly forbid the aerobatics, although I doubt that did much good. The secret was out. To date, about 100 Cri-Cri aircraft are flying in France.



Paul took 6 years to build his airplane, and made the first flight in 1989. The sheet metal work and fairings around the engines are expertly crafted. It holds 23 liters of fuel, and cruises with a fuel burn of 6.5 liters per hour. The engines work great right now, but it wasn't that way in the beginning. On Paul's second flight, one of the engines quit! And it quit exactly where all engines are programmed to quit – just after liftoff. But, he had a spare, so climbing at 200 ft/min; he carefully flew the pattern and landed. Paul learned that the 2-cycle JPX engines are sensitive to piston clearance, and the engines have worked well since he solved that problem.

If you don't know much about Michel Colomban, he started life as a cabinetmaker, and studied at night for 7 years to become an engineer. He was eventually hired by Aerospatiale, and worked on interesting airplanes such as the Concorde and Hermes, the French space plane. He is one of those guys that find simple solutions for difficult problems. For example, those of you who have Rotax engines know that there is no mixture control, but it might be handy to have one. Michel has designed a mixture control based on the vacuum created by varying the rpm of a tiny electric motor. Let me know if you're interested, and I'll send you the plans.

Michel Colomban is at it again, and has designed a new airplane called "La Luciole", which is Firefly in English. La Luciole has a 23 hp V-shaped Briggs and Stratton engine, and is configured much like the Evans Volksplane of a bygone era. It is built from wood and fabric, although it begs to be either metal or carbon fiber. On 23 hp, it will go about 100 mph. While Colomban does not have a web site, if you go Google: michel colomban la luciole, you will find lots of pictures of the airplane. It really is tiny, but it will provide some very interesting and low cost flying.

Well, that's it for this month. MAD are coming up soon, and its time to put your shoulder into the effort, because now it's all your fellow airmen that need the help. I hope you'll all be at the chapter meeting next weekend. You never know who might show up.

CLASSIFIEDS

FOR SALE: (2) EAA55 hats; \$15.00 each. (4) EAA55 tee shirts; (1) small; (2) medium; (1) xlarge; \$15.00 each.

FOR SALE: Sporty's Electronic E6B Flight Computer. Like new. Retail value \$90.00; will sell for \$45.00. Proceeds go to EAA55.

FOR SALE: 1946 Cessna 140. 3660 total time; 1333 on 100 HP O-200A. Clean, good looking, great flying plane hangered at Mason Jewett. Valcom 760 radio; Narco Transponder. All A.D.s complied with; annual inspection & transponder recertified 8/21/06. Only \$22,000. For details or appointment contact Tom Botsford 517-256-4381

FREE: Collection of EAA Sport Aviation magazines; all issues 1959 thru 2000. All organized in boxes by years & includes some indexes by Bergeron. One condition – entire collection must go. Contact Bart Smith 517-676-2146

WANTED: couple of used card tables for chapter social nights. Drop off at meeting room if you have one to donate.

WANTED: several large size coolers or tubs for our pop & water concessions. Drop off at meeting room if you have any to donate. Please put a note on it so that we don't mix it up with the ones we are borrowing for MAD.

FOR SALE – Wicks one-inch seat cushions, blue, with front map pocket. Set of 2, like new. \$120.00. Contact Patrick Salow 517-565-3178

FOR SALE – Zodiac inflatable boat 10'2" limited edition. Wood floor, 1100 lb. Capacity, up to 10 hp outboard motor. Excellent condition. \$800.00 Contact Tom Botsford 517-256-4381

FOR SALE – Franchi 12 gauge semi-auto shotgun in new condition. Contact Tom Botsford 517-256-4381

WANTED TO BUY – Cessna 210; retractable gear. Contact Doug Green 601-265-0009 or coffee-break@hotmail.com

WILLING TO LOAN – Jigs & Fixtures for a Zenith 701. Contact Chuck Hacker 517-623-6476

FOR SALE – Avon Products & Natural Beauty Soaps. For a copy of the latest brochure, contact Deanna (McCreery) McAlister 517-596-2506 or visit www.naturalbeautysoaps.net/deanna

WE COULD HAVE INSERTED YOUR AD HERE! If you have a FOR SALE or TRADE or WANTED or NEED TO BORROW or FREE TO GOOD HOME, etc. – we have space in our newsletter. Contact Warren or Vickie for the next edition!

NEW SURPLUS HARDWARE

Save 30-50%

Examples:

Old style 1" hose clamps	2.00 ea.
FA6 1/2-45 Dzus, fresh plating,	1.75 ea.
Stearman Dzus spring	.50 ea.
Continental rocker hose clamps	2.00 ea.
4B2S spark plug (Lycoming)	6.50 ea.
417S spark plug (Continental)	6.50 ea.
Prop clamp bolt (Hamilton, Mcauley)	20.00 ea.

Stearman Smoke System

System comes ready to install between the front rudder pedals. Just drill six holes and clamp to the frame. Includes three gallon tank, pump, all hoses, flow valve, nozzle, and mounting hardware.

Field approval required.

Price: \$725.00

Yesteryear Aviation Inc.
4322 Curtice Rd
Mason, MI 48854

Phone 517-676-4416 day
Fax 517-676-3485



POCKET CALENDAR

8/9/07 MAD planning meeting; 7:30 (unless we complete at the Wed board meeting)
8/11/07 EAA Chapter 55 Young Eagles Rally; 10am to 2pm
8/14/07 MAD prep work (if needed)
8/15/07 MAD meeting & prep work plus pre-stuff MACC programs for Thursday Night Live concert
8/16/07 MAD prep work and pass out programs at Thursday Night Live concert
8/17/07 MAD prep work and arrival of the Yankee Air Force
8/18/07 & 8/19/07 EAA Chapter 55 Mason Aviation Days
8/25/07 & 8/26/07 Gratiot Community Airport, Alma, MI; B25; P51; T6's; Gene Soucy Air show
8/25/07 & 8/26/07 Mid-Eastern Regional Fly-In; Mansfield, OH

9/28/07 thru 9/30/07 Michigan Air Tour 2007 (final stop Mason Jewett Airport)

12/8/07 Chapter 55 Christmas Party; Vevay Township Hall

Additional listings available at

www.mdot.state.mi.us Events Calendar and www.flyins.com additional listings available at
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