

EAA CHAPTER 80 News! NEBRASKA IOWA

Visit Our Web Site
www.EAA80.org

June 2007

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The annual on my plane was just signed-off on Friday, which means today I will do a very thorough preflight before taking it up for it's first post-annual flight. It is not that I do not trust the people who do my annual, it is just that over the years I have discovered some interesting things on my post-annual inspection. I have found hammers resting on the engine, nuts not tighten on the prop spinner; oil filters not secured, a nonfunctioning alternator, etc.

Anyway, this made me remember an article sent out by the EAA for possible use by Chapter Newsletter Editors. An interesting note on the article to follow is that the author flew B-52s with me at K.I. Sawyer. In fact, Dave took over my job as Chief of Training.

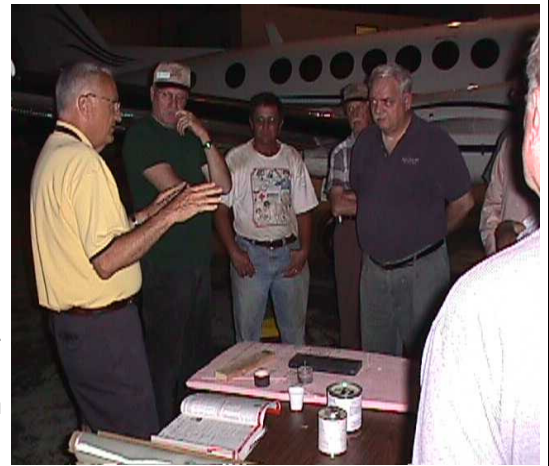
TC TID BITS – THE CONDITION INSPECTION

“Pilots all know that every certificated aircraft registered in the U.S. requires an annual inspection once every 12 months. Does this requirement apply to amateur built aircraft as well? If so, what does this inspection consist of, and who can do it? This month, I would like to discuss the Condition Inspection and maybe answer these questions as well.

First of all, amateur built aircraft also have a requirement for an inspection every 12 calendar months but it is not called an “annual inspection.” It is called a “Condition Inspection” and is very much like an annual, but there are significant differences. For example, an annual inspection must be done by an appropriately licensed aircraft mechanic. This means an individual who holds a license with an Airframe and Powerplant rating and an Inspection Authorization (A&P with IA). A “Condition Inspection” on an amateur built aircraft, however, can be done by any A&P (no IA required) or by the builder of the aircraft if he or she has applied to their local FSDO for a “Repairman’s Certificate.” This certificate is like having an A&P license, with IA privileges, for that specific aircraft only. After all, if you built the aircraft, you should know enough to determine if it is in a condition for safe flight.

Another difference is the logbook entry. Both inspections require an entry into the aircraft logbook. The wording for an Annual Inspection comes from 14 CFR Part 43. The wording for a Condition Inspection, however, is different and comes from the Aircraft’s Operating Limitations which are issued with the aircraft as part of its Airworthiness Certificate. If you homebuilders have a local A&P do your condition inspection, make sure you provide him with your operating limitations so he can get the entry right.

The actual inspections are basically the same. Those of us flying certificated aircraft probably have factory built checklists for the annual. Piper, Mooney, Cessna, etc. all supply checklists for 100 hour, and Annual Inspections, but how about us homebuilders? I know some kit manufacturers provide checklists for their products, but for the most part, us homebuilders are



I thought I would keep Mike Howard on the first page again for this month. Here he is talking about non-structural fiber glass work at the May meeting..

"on our own." Not to worry, the "Friendly Aviation Administration (FAA)" has taken care of us. Appendix D to 14 CFR Part 43 (available at www.FAA.gov) is a list of the minimum items that must be included on a 100 hour, Annual or Condition Inspection. Note, I said minimum items. You will want to use this document as a basis and expand your checklist to cover all parts of your aircraft. In fact, you will probably add items from time to time as you discover problems or hear of problems others are having with similar aircraft. 14 CFR Part 43 **requires** a mechanic to use a checklist for an Annual. This requirement does not exist for homebuilders, but do yourself a favor. Build a checklist and use it every time you do a Condition Inspection. This will prevent missed items and maybe save your life."

By Technical Counselor Dave VanDenburg
EAA Chapter 439 (Central UP, Michigan)

Note: This was a very brief discussion of the Condition Inspection. If you want help building a checklist, or would like an "over the shoulder" when you do a Condition Inspection, I suggest you contact one of our technical counselors.

June Meeting Time & Location.

The Chapter 80 monthly meeting will be at 7:00PM on Monday, June 11th at the main hangar of Hangar One at Millard Airport, Omaha, NE. It is still located on South 132nd Street between Q and Harrison.

June Program.

Our speaker this month will be an old childhood friend/neighbor of Dale McClure's, Dick Davis. Dick spent 27 years in the Navy as a jet jockey and has many carrier landings. He has agreed to share some of his experiences with us. Don't eat before you come because we will be grilling hamburgers. If your project can fly, then fly it in so fellow members can take a look.

EVENTS: (B) - Breakfast / (L) - Lunch

| | | |
|------------|--|-----------------|
| 1st Sat | Chapter 1055 (B) | York, NE |
| 3rd Sat | Chapter 569 (0730-1030) | Crete, NE |
| June 10 | Fly-in (B) & Airshow | Red Oak, IA |
| | Raffle for ride in Mustang, drawing at 10 am | |
| | Only 125 tickets at \$35 each | |
| | Call 712-623-6523 | |
| June 10 | Fly-in (B) and Airshow | Spencer, IA |
| | 7 a.m. to 12:00 p.m. | |
| | Pilots & Co-Pilots eat FREE | |
| | 10:30 a.m. Airshow | |
| June 14-17 | American Waco Club Fly-in | St Louis, MO |
| June 14-17 | Cherokee Fly-In | Osage Beach, MO |
| June 16 | Fly-in | Aurora, MO |
| June 17 | EAA 1143 Fly-In/BBQ | Osceola, IA |
| June 17 | 62nd Annual Flight Breakfast | Harlan, IA |
| June 17 | Fly-in (B) | Rock Rapids, IA |
| June 17 | Fly-in (B) | Creighton, NE |
| June 22-23 | Kansas City Vintage Fly-in | Gardner, KS |

| | | |
|-----------------------|--|-----------------|
| June 24 | National Ercoupe Convention | Wayne, NE |
| | www.ercoupen2503h@yahoo.com | |
| June 24 | Fly-in (B) | Aurora, NE |
| June 24 | Fly-in (B) | Pawnee City, NE |
| June 24 (or July 1st) | Fly-in (B) | Pender, NE |
| June 24 | Fly-in (B) | Pocahontas, IA |
| June 22-24 | RMRFI Fly-in | Denver, CO |
| June 29-July 1 | Old Time Antique Homebuilt Gathering | |
| | Blakesburg (IA27), IA | |

No registration fees, camping with showerhouse available. Camping fee \$5.00 per night for underwing camping. Pilot's Pub open Fri. evening and Hy-Vee Food service available on field both Friday and Saturday. Airpower Museum and the Library of Flight will be open for viewing both days. Fuel available at nearby Ottumwa Municipal Airport (OTM). Please call 641-938-2773 or e-mail (AntiqueAirfield@sirisonline.com) for arrival and departure procedures, area motel listings etc.

| | | |
|------------|--|----------------|
| July 1 | Fly-in (B) Airshow (1130-1) | Neligh, NE |
| July 4 | Fly-in (B) | Atlantic, IA |
| July 4 | Airshow 11-1 | Seward, NE |
| July 6-8 | EAA 88 44th Air Capital Fly-In | El Dorado, KS |
| July 6-8 | 8th Annual Nebraska Ultralight Gathering | |
| | | David City, NE |
| July 8 | Fly-in (B) & Airshow | Emmetsburg, IA |
| | Fly-in 7:00 a.m. - 12:30 p.m. | |
| | Airshow 12:30 p.m. - 1:30 p.m. & 2:00 p.m. - 5:00 p.m. | |
| July 23-29 | AirVenture* | Oshkosh, WI |

*The ATIS frequency has changed. See the NOTAM at <http://www.airventure.org/2007/flying/notam07.pdf>. Ask a member to print one for you if you do not have internet.

The next YE Event will support the Air and Space Museum summer camp. 16 June at 0800 Millard Airport with a rain day on the 17th; same time and place. Contact Jim Ratte if you can help.

"New! WINGS - Pilot Proficiency Program"

Topic: "Taxi Instructions" & Details on New WINGS - Pilot Proficiency Program"

Date: Wednesday, June 13, 2007 at 7:00 PM

Location: University of Omaha Aviation Institute
6001 Dodge Street
Eppley Auditorium, Rm 102

Or

Date: Saturday, June 16, 2007 at 7:00 PM

Location: Silverhawk Aviation
1751 West Kearney
Lincoln, NE

Aviation Supplies & Academics, Inc. (ASA) has two new titles in the Sport Pilot "Freedom to Fly" series. The DVDs provide pilots with information on operating a fixed wing light-sport aircraft (LSA), supported by in-flight footage, interactive menus, and a booklet with worksheets and checklists for interactive learning. "Preflight a Fixed Wing Light-Sport Aircraft for Sport Pilots" shows the proper way to ensure a safe flight. "Be a Sport Pilot: Learn to Fly a Fixed Wing Light-Sport Aircraft" shows what it takes to get a sport pilot certificate, the concepts needed to earn the sport pilot certificate, and basic learn-to-fly principles that can be used for ultralights or fixed-wing LSAs. Available separately at www.asa2fly.com for \$49.95, or as part of a Student Pilot Kit that also includes "Weather to Fly for Sport Pilots" and the Sport Pilot Logbook for \$99.95. From AVWEB.

EAA Chapter 80
May 14, 2007
Official Meeting Minutes

The meeting was called to order by President Scott Laughlin at 7:00 at Hanger One, MLE, Omaha, NE.

- Hamburgers and other goodies were served for dinner.
- Introduction of guest.
- No raffle

Treasurers Report:

- Treasurer Rob Hansen reported expenses of \$115.69, income of \$322.00 and a balance of \$1,666.81 in the checking account. Total cash assets were reported to be \$10,572.01. A motion was made and passed to accept the treasurer's report.

Meeting Minutes:

- A motion was made and passed to accept the previous month's minutes.

Young Eagles:

- \$500.00 was given by Bob Streba's wife to the YE program.
- \$500.00 will be provided for Jack Jacobsen's grandson to attend the Air Academy.
- Please check the web site for YE dates.

Builder's Reports:

- Scott Laughlin, Dave Miller, Kevin Faris, Ward Combs, Doug Humble and Tim Hewett reported on their projects.

Tech Counselor / Flight Advisor:

- Mike Howard reported that Dale McClure suffered a golf injury!!
- Mike reported that 7 airplanes and 13 individuals participated in the poker run and 30 members and guest enjoyed lunch at the Wahoo Hanger.

Fly-out/Event Schedule:

- YE on June 16th, rain date June 17th.
- Check NE Pireps and Iowa DOT for lots of fly-in events for June.

Librarian Report:

- Leonard reported he has established a property list of all equipment
- He requested that tools be returned or he be notified if you have items.

Old Business:

- None

New Business:

- Tom Sires and Ron McKay reported on new rules and requirements for hanger and aircraft at Blair Airport. Something we all need to be aware of.
- Pat Houlihan presented an idea to purchase a fiber optic scope.
- Mike Howard has a borescope.

Web Site:

- www.eaa80.org Ameeet would like to visit with anyone who can provide history of chapter also please forward any items, articles or news to him so he can place on the web site.

Program:

- Mike Howard demonstrated non-structural fiber glass work.

Meeting adjourned

Don Meyer

Wanted: Anyone flying in the 2007 "Fly'N for Make-A-Wish" that needs a copilot. Chapter member Nicole Boettger is interested in learning about air races/rallies and feels she would learn a lot by acting as a copilot in the August 11-12 event. So, any members out there need a copilot or extra crewmember.

The York EAA Chapter 1055 and the York Airport will be hosting a Fuel Stop/BBQ for the travelers to Oshkosh on July 21 from 11:00 am till the sun don't shine.....They are firing up their big cooker and will be serving BBQ pork loin sandwiches, baked beans, potato salad and cold drinks all day long. So, stop by if you are not going to Oshkosh.

The first inaugural North Dakota **Roughrider Air Rally** will be held August 31 – September 2, 2007. Space is limited, so register early! If you register by June 15, cost is \$200. After that date the cost is \$250. If you would like to learn more, visit their website at www.ndcpd.org/roughrider or call 800-233-1737 and ask for Rich.



Experimental Aircraft Association -
Chapter 80 C/O Hangar One
12916 Millard Airport Plz.
Omaha, NE 68137-4280



Ken Bahr, Bill Stromenger (behind Tom) and Tom Wieduwilt got the hamburgers done just before the rain. A big Thank You to them and the others who helped in preparing the food at the May meeting..



At least it was sunny while we waited to give kids their Young Eagle flights on May 19th. Thanks to all those who helped.