

EAA CHAPTER 80 News! NEBRASKA IOWA

Visit Our Web Site
www.EAA80.org

January 2007

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Mountain Flying

I was going to put an article together about mountain flying in order to get everyone in the right mood for our guest speaker at the January meeting. However, after looking at his bio and website, I realized anything I wrote would not compare to what our guest would have to say.

In addition, I googled "mountain flying instruction" and received back about 1.7 million hits. Just going through the first 50 or so sites, I realized there is a lot of good info out there for us "Flatlanders". In fact, this is info we should read and understand before attempting to take on the mountains.

Some of the sites, like the one hosted by our guest speaker, offer courses in Mountain Flying. I found several of these. Most of the courses offered covered the general knowledge you need in addition to flight instruction in the mountains. Some sites specialized in certain mountain ranges. Not that mountain flying is different in these ranges, but they offered to teach pilots the topography of these mountains, the airports available and the safest way to fly in them.

Most sites offered books, quick refresher cards, "bibles", shirt pocket guides and DVDs. Most offered their information for a fee. Others like Mountainflying.com and AOPA offered their information for free. In fact, AOPA has an online Mountain Flying course that is free to all. It is located at: <http://flash.aopa.org/asf/mountainFlying/flash.cfm>.

All of the mountain flying courses I looked at offered pretty much the same information. A list of only 10 of the basic points are:

1. Higher density altitude = lower aircraft performance. Lean the mixture.
2. Preflight planning is a must. Consider the time of day, route selection, alternates, and emergency planning.
3. Maintain airspeed control. Fly indicated speeds.
4. Approach ridges at a 45-degree angle.
5. Always remain in a position where you can turn toward lowering terrain.
6. Airport conditions will vary. Look at the runway surface. Condition, slope and nearby obstacles.
7. Information is power. Get a weather briefing before takeoff and update once airborne.
8. Be on the outlook for clouds that mark turbulent air.
9. Always leave yourself an out. Never fly beyond the point of no return.
10. DON'T plan a cross-country flight into the mountains when the wind at mountaintop level exceeds 30 knots.

There is a lot of good information out there on mountain and back woods flying. I highly recommend anyone considering flying anywhere near mountains to read as much as they can and to take a flying course. If you feel that the 100 - 200 foot change in Iowa bluffs is enough preparation for flying in the mountains, then you are a definite candidate for the next lesson



Even the youngest guest enjoyed the chicken dinner at the December meeting.

learned article for mountain flyers.
Have fun and fly smart.
Will Kroeger

January Meeting Time & Location.

The Chapter 80 monthly meeting will be at 6:30PM on Monday, January 8th at the Tiburon Golf Course Club House at 10302 S. 168th St., Omaha, NE. We are offering a Flat Iron Steak dinner at the Tiburon Golf Course club house for only \$10 a person. The Chapter is picking up the difference between the actual cost and the \$10. Therefore, we are limiting this good deal to yourself and your guest/date/spouse/significant other. You are welcome to invite others, but they will have to pay full price. Sorry, but as of now we do not know the full price. Also, I believe there will be some prizes and gifts. And a cash bar. **Please call or email Dale McClure today to place your reservation so we can get a good head count for the Flat iron Steak meal.**

January Program.

Holiday Event. Besides eating, drinking and having fun with good ole flying friends, fellow aircraft builders, spouses, and significant others, we will have a program. Joe Kuberka, the owner of Blue Goose Aviation, will be entertaining us with an educational presentation on Mountain Flying/Density Altitude. Joe taught the mountain flying course to the Air Force Academy instructor pilots and checked out as a Montana Mountain Search and Rescue Pilot. Visit the Blue Goose Aviation web site at www.bluegooseaviation.com to see their list of "Self Flying Guided Western Adventures". Click "Guide" Joe Kuberka for a bio on Joe..

Welcome Our New Website Manager - Ameet Savant. No pressure, but I did hear Scott say the website is in better hands now! Thanks for volunteering.

Talking about our Web page (www.EAA80.org) - Ameet will be posting all of the Chapter's tools and equipment. We hope to keep track of who has what and where it is. Thanks to Leonard Lawton for agreeing to make this list and keeping it up-to-date. So, please contact Leonard if you have any of the Chapter's tools or equipment. Also, please check the list once it is on the website to see if we have forgotten anything that you may have or know about.

EVENTS: (B) - Breakfast / (L) - Lunch
1st Sat Chapter 1055 (B) York, NE
3rd Sat Chapter 569 (0730-1030) Crete, NE
Jan 24-27 NE Aviation Symposium Kearney, NE
Jan 27 10th Annual Chili feed and Greenfield, IA
Tour of Museum 11:30-2:30

15th Annual Nebraska Aviation Symposium & Maintenance Seminar - January 24-27th

This event starts with a reception on the 24th followed by an AOPA Safety meeting. There are a lot of things

happening on the 25th to include sessions on Angel Flight, Mountain Flying, Airport Officials Meeting, DPE forum, and a Forum with Shane Osborn. The highlight of the day will be the evening banquet featuring Sean Tucker as the quest speaker. Friday the 26th events include the Maintenance Seminar, Pinch Hitters Course for the Non-Pilots and a Pinch Hitters Flight Training. The evening banquet features Greg Feith as the speaker. See Tom Wieduwilt (TW) at the meeting for more info and a registration form.

INTRODUCING REAL PILOT STORIES

If you liked our last meeting or you remember those days at the airport when grizzled veteran pilots would share their hard-won wisdom? If so, or even if not, the AOPA Air Safety Foundation has good news: Those days are back. The foundation is proud to present Real Pilot Stories, the modern-day equivalent of those valuable hangar-flying sessions. Pilots tell in their own words true stories to help the rest of us become better pilots. The first three Real Pilot Stories relate a new instrument pilot's near-fatal first encounter with ice over the Appalachian Mountains; a horrific density altitude crash in the Utah mountains during the summer; and a brief but terrifying dance with a snake in the cockpit over the mountains of West Virginia. I checked these stories out and I liked them. Almost sounds like our last meeting. Go to <http://www.aopa.org/asf/pilotstories/> You do not have to be a member to hear these stories.

AVweb has set up a "**Rebuild the Fleet Fund**" to help Embry-Riddle Aeronautical University's Daytona Beach, Fla. campus get back in the air following its devastation from two F2 tornadoes on Christmas day. The university estimates that the campus suffered between \$50 million and \$60 million in damage. To kick-start the fund, AVweb's parent company donated \$1,000. Those wishing to help can send checks to:

The AVweb Rebuild The Fleet Fund
Embry-Riddle Aeronautical University
Office of Development
600 S. Clyde Morris Blvd.
Daytona Beach, FL 32114
Attn.: Jamie Belongia

In addition, EAA is asking it's members to provide assistance. The university is looking to leaseback, or rent by the flight hour, several late-model Cessna 172s (180 Horsepower G 1000 or conventional equipped aircraft) to replace those lost. The leases/or hourly rentals would last up to four months. The aircraft will be maintained to Embry Riddle exacting maintenance standards and returned to the owner/operator with either a fresh 100-hour or annual inspection. If you can assist, please go to the EAA website. (info from EAA website).

We had a meeting on welding just a few months ago. Now Miller Electric Mfg. Is offering a 2007 full-line catalog. The full-color, 88-page catalog features information on the companies newest welding and plasma cutting equipment, including specifications on Miller MIG welders, TIG welders, stick welders, plasma cutters, welding generators, welding helmets, safety gear and more. The catalog also provides helpful product selection charts, and it describes the additional benefits available through Miller's online welding communities, which are also free. To order the 2007 Miller full-line catalog, visit www.MillerWelds.com, or call 800-426-4553.

EAA Chapter 80 December, 2006 Minutes
December 11, 2006
Official Meeting Minutes

The meeting was called to order by President Ward Combs at 7:00 in the Hanger One facility in Millard, Nebraska. In attendance were 38 members and 2 guests.

Treasurers Report:

- Treasurer Rob Hansen reported expenses of \$118.47, income of \$541.00 and a balance of \$3359.15 in the checking account. Total cash assets were reported to be \$12,216.13. 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:

- Ward Combs reported that we have received the certificates for our 2007 Young Eagles events.

Builder's Reports:

- Ward Combs reported that he is making progress on his shop getting ready to finish his RV4 project.
- Doug Humble brought a set of plans for a new aircraft he intends to build and passed them around.

Tech Counselor / Flight Advisor:

- Tim Hewitt mentioned he needed some advice and Mike Howard said to call him.

Fly-out/Event Schedule:

- Saturday, January 27th is the date for the Greenfield, Iowa fly-in.

Librarian Report:

- Tom Wieduwilt opened up the library for members to peruse. He also obtained a signature from Buck Joyner who was our guest speaker last month.

Old Business:

- Leonard Lawton reported that he is building another chair rack and will have it for the next meeting at Hangar One.
- Bob Cartwright mentioned he had several name badges that have not been picked up by new members. Dick Austin has made all of the new badges for the most recent new members.

New Business:

- Ameet Savant who is taking over the EAA80.org website volunteered to make a page with a list of the chapter tools noting who has them at any given time. Leonard Lawton will keep track of who has what and Ameet will post it on the website.
- The location of the January meeting was announced by Dale McClure to be at the Tiburon country club near Gretna, Nebraska.
- The "Cookie-Raffle" drawing was not held because of the Holiday Dinner next month.
- Food was brought and members paid \$5 for a chicken dinner. Scott Laughlin proposed that we bring food to each meeting and charge \$5.
- The heat is working at the hangar in Wahoo.

Program:

- Mike Howard, Dale McClure, Craig Tylski, Ken Bahr, Ward Combs and Will Kroeger shared flying stories (interesting flying experiences) with the group.

The meeting was adjourned at 8:10 PM.

Scott Laughlin

2007 Chapter 80 membership renewal - Avoid the rush and pay Bob Cartwright your 2007 dues at the January meeting.

FOR SALE: Fractional ownership in a 1941 J-5 Cub. Value of Cub is set at \$20,000, so a 1/4 ownership would be \$5,000 or a 1/5 would be \$4,000. Contact Bob Moser
Home 402-216-4847 / Cell 402-333-4847 / Work 402-554-3842 / email bobmoser@cox.net

FOR SALE: 1974 C 172M N12976, TT2190.9hr Good Compression, Audio switching panel, Avionics Master, Dual RT328D, Dual Nav Com 760 channel, Davtron digital radial ind, Narco AT150 Transponder, ToMorrow 604 Loran, ILS and MK Beacon, ADF, New Speaker, EGT, Hour Meter
No Damage History, Aircraft hangered at MLE \$30,000. Bob Harvey 402 289 2991.

Do you need a motor for a compressor? If so, Tom Wieduwilt (TW) mentioned at the last meeting that he has one. Give him a call at 734-6580 if you are interested.



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



A collection of our speakers from the December meeting.

From upper left are Mike Howard, Ken Bahr, Dale McClure, Craig Tylski, and Ward Combs.

One was shot at while flying strange missions
One crashed on final while trying to make an engine out landing
One was scared by a student who was himself scared of stalls
One had a missing (physically) engine
One unintentionally flew an experimental he was only "taxiing"

If you do not know who goes with each story, then either you were not paying attention or you missed the meeting. If interested, ask someone who was there. Come to the next meeting for another interesting story!