

EAA - MILE HIGH CHAPTER 43

Volume 19, Number 4

APRIL 1996

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Our Next Meeting:

The next regular Chapter 43 meeting will take place at 7 PM on April 13th, at the Jeffco Airport Terminal building (our normal meeting time and place). Cliff Olson from Freedom Avionics will talk about radios and navigation equipment.

Minutes From the March Meeting:

The meeting was held on March 9th at the Jeffco Airport Terminal building; president Gene Milligan presiding. Minutes from the February meeting were approved as published in the March newsletter. **New Member:** See April newsletter.

Visitors:

- Brad Gossett
- Edward Lambert
- Ron Holzem
- Brien Norton

Old Business

→ The price for new patches of 300 will be \$1.55 (4 colors) total: \$500. Three hundred patches have been ordered. Price to members will be \$5.00 for two patches.



→ Both Toyota and Honda are playing with aircraft engines. A 360 hp Toyota was certificated for aviation use in December by Hamilton Standard of Windsor Locks, Connecticut. It is a water cooled V-8. No production planned at the moment. It was tested to 30,000 on a Cessna 340 during a 50 hour test program but is intended for a more typical cruise altitude of 18,000ft. It features full authority digital and engine controls (FADEC). No production planned.

Honda has completed two flights on a 485 pound turbofan rated at 1,800 pound thrust. It has a 4.3:1 bypass ratio, a takeoff fuel burn of 810 pounds/hour and is 46.3 inches long. No production planned.

Aircraft Spruce and Specialty is offering plans and kits for Steve Wettman's tailwind design.

Cessna lost their bid to overturn the JPATS (Joint Primary aircraft Training system) award. The Air Force, promptly awarded the first \$4 billion dollar contract for the Beech/Pilatus MKII trainer on February 5. It will replace the AF T-37B and the Navy T-34C aircraft which are 37 and 22 years old respectively. Contract calls for a total of 711 aircraft: 372 for Air Force and 339 for the Navy.

Brad's Safety Corner:

- Mixture bolt worn through on Marvel Shevler carb.
- Instance reported of homemade prop turning into a paintbrush after 47 minutes of rotax time. Probable cause: was bad/improper adhesive.
- Gear bolt half sheared due to hard landing and failure to perform proper post flight inspection.

Editor's Notes:

- Please send "For Sale" and "Wanted" advertisements to Dwight Cresap, P. O. Box 572, Niwot, CO 80544 for inclusion in the next newsletter by the 28th of the month.
- Send project information with photos and a brief description to above address.

FOR SALE:

- Ray Jefferson Model L-100 Loran C receiver with mid-continent chip installed; Ron Denight fabricated preamp; 25 feet of RG58AU Coax Cable. All items are new. \$275. Dean E. Smith 421-4810
- Used Stainless Steel bent whip VHF communication antenna with insulator and mounting hardware. \$20,000 or best offer. Dean E. Smith, 421-4810.
- SPORT AVIATION magazine, all issues, May 1983 through December 1995, and one copy of April 1978; SPORTSMAN PILOT magazine Fall issue 1984; all quarterly issues for years 1985 through 1991 and Spring issue for 1992. \$75. for the lot or best offer. Dean E. Smith, 421-4810.
- KMA-12 Audio Panel with 3 lite marker receiver and antenna. Please make offer. Bob Green, 659-5829.
- One pair 8.00 x 4.0 Cub Wheels and Brakes. Don Coleman, 666-8870.
- Tail dragger Skybolt Project (2 place). Fuselage on gear. Wings and tail feathers built. Lycoming O-360 180 hp, needs overhaul. Wings: wood; fuselage/tail, welded tube. \$6,500. Warren Roebuck, 665-0716.
- **REDUCED:** SONERAI IIL (2 place, low wing) Experimental, N423ST, built in 1984 with 400 total time and 200 since top end on Continental A65. New wing, sliding canopy, 20 gal. fuel, Maule tail wheel, wheel pants, Nav/Strobe lights, new interior ---a solid, special a/c hangered at VanAire. Cruise at 135 mph on 20 foot wing span, 20 foot length, 616 lbs. empty wgt. All metal wing with tube/fabric aft of cockpit. **\$10,900** firm. No trades. Call Larry Church at 303-972-0690--leave message.
- SCORPION II Helicopter, 95% completed project started in 1980. This project has a water cooled 132 hp V.W. Rotor blades still in box. Full set of gauges. \$7,000, OBO. Call Bruce Russell at 443-7836, leave message.
- Parts of two Lycoming engines.....0235 and 029G, call Bob Johnson at 303-494-4998.

FROM THE RIGHT SEAT:

Steve Beach



Thanks and our appreciation go to Phil Ecklund and Bill Ray for their presentation at last month's meeting. Bill talked about getting his first soaring experiences while on duty in Germany. The instructor had a great command of the English language that consisted of 'N Now Ve Go Down'. Bill also talked about the Soaring Society of Boulder and invited everyone to join them at the boulder airport any Saturday or Sunday. Speaking from experience I know that their invitation is a genuine one and whenever possible they will try to get you up in one of the two place ships. Bill perked my interest in October of last year and in December I added a glider rating to my ticket. If you haven't tried soaring come out and join in the fun. The Soaring Society is located on the North side of the field just West of Bruce Miller's Cloud Base operation.

Phil followed Bill with a talk on 'Mountain Wave'. Phil's soaring experiences started when he was in college. He did wave exploration for a course project and has developed a vast knowledge of how to work the wave over his many years of flying. On one of his wave flights he ran out of lift close to Loveland Pass and successfully landed in the parking lot at the Loveland Ski Area. The first questions from people at the area were 'where did he store his ski's' and 'how was he going to take-off to go home'.

He is now a captain for United and manages to use the wave in the big birds to gain altitude a little faster and save the company valuable dollars on fuel. He pointed out that with a little knowledge on how the wave works all pilots can take advantage of the natural lift. He also added that with that same wave knowledge GA pilots can avoid some of the perils of getting caught in a 1000+ fpm downdraft that can ruin your Sunday afternoon flight. I think everyone in attendance got something out of this meeting.

And now to back up a couple of months. I want to thank Charlie, Mas, and Dean for the excellent program on sheet metal at our January meeting. If anyone needs advice on a sheet metal project these three guys are the ones with the knowledge.

A very valuable piece of information that they gave out was 'ask before buying'. If you need a specific piece of equipment for your project, and are having trouble justifying the cost, ask around the chapter first. Someone probably has what you need and would be more than happy to loan it to you for a short period of time. Just make sure that it gets returned in a reasonable time frame.

APRIL MEETING:

April's meeting will be at the usual place and time. (Jeffco @ 7:00pm) Cliff Olson from Freedom Avionics has graciously accepted our invitation to talk about radios and navigation equipment. Obviously GPS will be highlighted and what the future may bring. He has worked with a number of homebuilders and knows about the problems that are faced by each of them when it comes to installing 'The Stack'. Come prepared with your questions on particular issues and maybe you can go home with a good answer.

In case you are wondering about the DIA tour that should have taken place in April, it has been pushed out to May. The office that takes care of tours did not have enough guides in April to take care of a group as large as ours. However she promised that May will work. Watch for the next newsletter for details.

Below is the latest program schedule. But if the first three months are any indication of how well I will stick to it you better check out the latest newsletter for the current month.

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| April | 'Back To Basics' Avionics |
| May | Tour of The Back Scenes At DIA (Day Meeting) |
| June | Tri-County Hanger Open House and Annual Chapter Auction. We are hoping Marvin will bring his English Wheel for a demonstration. (Day Meeting) |
| July | Lowry Museum Tour |
| August | Annual Oshkosh Review 'What Was New and What Wasn't |
| September | Project Visit - Would anyone like to volunteer to host this one? |
| October | How To License Your Homebuilt. |
| November | Modeling |
| December | United Training Center Visit (Additional contacts have been made. We might have a chance at putting this one together!) |

What is This ??



Come to
Meeting 4-13
& Find Out!!

COMING EVENTS:

- April 14-20 Sun & Fun '96, Lakeland, FL 941-644-2431.
- May 4-5 CPA Fly-In to Monument Valley, overnight fly-in, gravel landing strip, guided tour to Indian ruins. Info: Mary and Bart Jones, 719-488-0653.
- May 11 Centennial Airport Annual Open House. Free admission, bring your own food or purchase on site. Info: Kenneth Maenpa, 303-790-0598.
- May 18 Spring Fly-In, Platte Valley Airport. Info: Marilyn Taylor, 303-659-7265.
- May 18-19 Navajo Lake, Colorado, Fly-In. Joint CPA and EAA weekend fly-in camping trip. Grass strip. Fishing, boating, group potluck barbecue at night. Info: Mary and Bart Jones, 719-488-0653.
- May 25-26 Great Western Air show, Durango, Co. U.S. Thunderbirds. Info: Michael Cooney, 970-259-3381.
- June 8-9 Airline and Aviation Expo. Denver International Holiday Inn. Info: Phil Martin 310-434-6701.
- June 8-9 CPA Fly-In to Creede, CO. Fishing or biking, underground mining museum, Wheeler Geological Area, camp or stay at Creede Hotel, attend Repertory Theater performance. Info: Mary and Bart Jones, 719-488-0653.
- June 8-9 Rocky Mountain Air Show, Loveland, CO. Info: Mary Hammack, 303-469-7479.
- June 8-9 14th Annual Stearman Fly-In, Cheyenne County Municipal airport, St. Francis, KS. Info: Richard Grace, 913-332-2251.
- June 8-13 1996 U.S. Air Race, Durango-Roswell-Liberal-Beatrice-Bronson-Marshall, ending in Kenner (New Orleans). Info: 817-491-4055.
- June 15 Gunnison County Air Show, Gunnison, CO. Info: Jo Ann Stone, 970-641-2481.
- June 21-23 12th plus 1, Annual Luscombe Assn. Reunion, Moraine Airpark, Dayton, Ohio.
- June 22-23 Rocky Mountain Thunder - Colorado Salute to the Mile High Community at Buckley ANG Base, Aurora, CO. Tactical demo of F16 by Colorado ANG, Navy Leep Frogs, several civilian airshow acts, static displays. Gates open at 7:00 a.m., free admission, no coolers, no pets. Info: John Spann, 303-340-9430.
- June 28-30 18th Annual Rocky Mountain Sport Aviation Fly-In, Longmont, CO. Info: Carol Leyner, 303-442-5002.
- June 30 Aspen Air Show '96. Aspen, CO. Info: Kim Bracher, 970-920-4379.
- July 24 Cheyenne Air Show and U.S. Thunderbirds. Info: Stephen Hafner, 307-775-2260.
- Aug. 1-7 Oshkosh '96 - Make plans now for the 44th annual convention. 414-426-4800.
- Aug. 17 Summer Fly-In, Platte Valley Airport. Info: Marilyn Taylor, 303-659-7265.
- Aug. 31-Sept. 2 Steamboat Vintage Aircraft Fly-In, Steamboat Springs, CO. Info: Jim Fuller, 970-879-1204.
- Sept. 12-15 Reno Air Races and Canadian Snowbirds, Reno-Stead Airport, Reno, NV. Info: 702-972-6663.
- Sept. 14 Mile High Air Derby. Non-mountainous route departing Centennial via Limon, Wray, Akron, Sterling, Sidney, Pine Bluff, Fort Morgan, Platte Valley and return to Centennial. Ideal race for local and first time racers. Info and or race packets: Linda Horn, 303-278-4435.
- Sept. 14-15 Air Show and U.S. Navy Blue Angels, Grand Junction, CO. Info: Wayne or Mary Hammack, 303-469-7479.
- Oct. 28 Air Festival '96, Pueblo, CO. Info: 719-948-3355.

Call the Flying Activities Hotline at 766-3596 at any time for current listed flying activities.

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