



# Experimental Aircraft Association

## CHAPTER 393

P.O. BOX 2269, Walnut Creek, CA 94595

### Concord, California

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CHAPTER MEETING - WEDNESDAY EVENING, 7:30 P.M.  
March 25, 1987

The program this month is a talk by Jack Allison, an officer of Moshier Technologies Corporation. Jack will tell us about vertical take-off, mostly as it relates to their new plane, which will cruise with 2 people at 250 M.P.H. for 1,000 miles. That is high speed cruise, for sure!! They have a full scale prototype flying on a tether right now. The plane has eight motors. This new design is a spin-off from the Remotely Piloted Vehicles (RPV's), for military reconnaissance, that the company has been working on. This should be a fascinating presentation. Don't miss it!!

I'd like to use this spot to thank Hal Wight for a very enlightening talk last month on the status of the airport and the future of flying in Contra Costa County. It was well received, Hal. Thank you.

While we're on the subject of our airport, I heard the other day one of our members had the occasion to fly his homebuilt to Southern Cal. recently, and was appalled about the condition of many airports down there, and reaffirmed about how nice we have it at Buchanan. Pilot's lounges and waiting areas were filthy, and there was discrimination against homebuilts (waiting in the runup area for the signal from the tower, while they gave the go ahead to several spam cans that started up after he did). Think about how good we have it here.

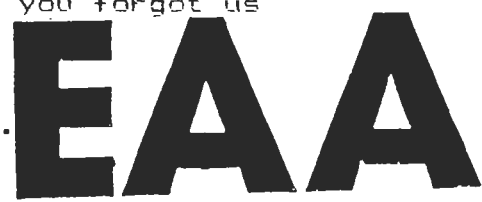
Welcome to our new members:  
Gerry Greth, 890 Hawthorne Drive, Walnut Creek, CA 94596.  
Maurice McEvoy, 1212 Queens Road, Berkeley, CA 94708.  
Craig R. Ponnequin, 2975 Applewood Court, Napa, CA 94558.

#### PRESIDENT'S MESSAGE

Dues is a four letter word but in our case, a necessary evil! Our \$15 per year covers the cost of our newsletter - more than worth it at many times the \$15 each (Oh, so true -- Ed.). A thru K were due in January and L thru Z are due in July.

No doubt some of you passed out cold when you opened this issue - your membership card (my typewriter is still on sick leave) was enclosed! Those who did not find a card enclosed were either due in January (cards will be in the next newsletter) or you forgot us some time back. While we enjoy your smiling faces, we'd sure like to have you as 'card carrying' members - see "Deep Pockets" if you have any problems/questions. Happy (and lots of) CAVU.

KAY





# EAA CHAPTER

NUMBER 393 OF CONCORD, CA ZIP           

● A LOCAL CHAPTER OF THE EXPERIMENTAL AIRCRAFT ASSOCIATION, INC. ●

## GENERAL MEMBERSHIP MEETING February 25, 1987

President Kay Smith called the meeting to order at 7:35. Approximately 45 people attended. Minutes from previous meeting were read and approved. Treasurer's Report was given and approved.

Dues for members with names beginning with A - K are now due. We are having some timing trouble with dues, and the Board will take up the possibility of having one mass January dues collection, or go back to individual months, as was done for years.

Reminder that Aviation Advisory Committee meets on the third Tuesday of every month, and the public is invited to attend and participate.

Kay reminded us that the GADO office of the FAA in Oakland can give information on regaining your medical after by-pass surgery, or if using hypertension medications.

The Fope Valley Fly-In is tentatively on for late May - early June. Details and dates later.

Airport Day at Buchanan Field is scheduled for June 21 - mark your calendars! One feature promised by the organizing committee that met in January is better protection for aircraft on display.

Kay mentioned several proposed programs, and called for further input from members.

Lou Goodell offered his services and video camera for whomever needs to record anything, such as a first flight event.

Introductions were followed by a presentation by Hal Wight, Buchanan Field Airport Manager. Hal was very informative, detailing what is in store for physical improvements of the airport, as well as the "big picture", the attitude and direction of aviation in Contra Costa County. Thanks Hal!

Respectfully submitted,  
Rich Powell, V.P.

## CHAPTER 393 MINI-MART

- For Sale: Glasair kit. \$10,750. Norm Alumbaugh, P.O. Box 200, Pope Valley, CA 94567. 707+965-2709. 4
- For Sale: Glasair RB. Much work done. Price negotiable. Tom Pinckard, 415+933-0280. 4
- For Sale: Rob Cook's VE. O-235L2C. 500 hours new. Minimum time to finish. Full panel/stereo, 1,000 mile range. 36 gal. electric starter. LE gear, landing light & trim. Day: 800+772-2590, Eve: 415+372-8125. 4
- Service Offer: Precision welding (TIG), aluminum, stainless, 4130. Eric Schuldt, 1820 Baldwin Dr., Concord CA 94519, 415+827-0259 2
- Wanted: Hangar needed at Buchanan for at least a year. Call Ron Robinson, 415+283-7365, or 283-1971. 2

## EXPERIMENTAL AIRCRAFT ASSOCIATION

## CHAPTER 393

## 1987 CALENDAR

CHAPTER MEETINGS - The 4th Wednesday of every month - 7:30 P.M. at Buchanan Field Terminal Building EVERYONE IS WELCOME! Bring Chairs!

BOARD MEETINGS - On the dates listed below (usually the 2nd Tuesday each month) - 7:30 P.M. at Navajo Aviation. Chapter members are welcome.

## MARCH

Board - March 10th.

Chapter - March 25th - A presentation by Jack Allison of Moshier Technologies, on their VTOL aircraft that cruises at 250 for 1,000 miles with 2 people on eight engines!!

April sometime - I have no date - Hamilton Field Army Air Show.

April 2-5 - Phoenix Aerobatic Contest, Eloy, Ariz. Barbara Mikus 602+892-6207.

April 24-25 - Basic and Sportsman Aerobatic Contest. California site to be announced. Mike Winslow 916+894-5858.

April 26-27 - Glider Aerobatics Workshop Seminar, Reno. Soar Minder 702+782-7627, or Steve Powell 901+722-2276.

May 1-3 - Gold Cup Regional Aerobatic Contest, Taft, CA. John Gilbertson 714+750-4426.

June 18-21 - No. Calif. Aerobatic Championships, Paso Robles, CA. Drew Detsch 415+826-7187 or 415+648-6900.

June 21 - Buchanan Field Airport Day.

September 4-7 - Delano Aerobatic Contest, Delano Airport.

Chapter members are receiving a questionnaire blank with this issue. It is pre-stamped to facilitate your filling it in and sending it back. We need input from you on the direction you want the Chapter to take, and to help infuse added interest and vitality. This is true for the newsletter as well. It is your paper, and needs items you provide to me, too.

PROCEDURES.

a. Notwithstanding the certification requirements contained in Order 8130-2B, Airworthiness Certification of Aircraft and Related Approvals, and Advisory Circular 20-27C, Certification and Operation of Amateur-Built Aircraft, an FAA Inspector or Designated Airworthiness Representative (DAR) may elect to process amateur-built programs on a one-time certification basis; i.e., via the issuance of only one experimental certificate of unlimited duration. In these instances, when issuing the experimental certificate, the operating limitations will be prescribed in two phases in the same document.

b. For the Phase I limitations, the certificating inspector or DAR will prescribe all those operating limitations (reference Order 8130.2B), as appropriate, for the applicant to demonstrate compliance with FAR section 91.42(b) in the assigned test area. This would further include a limitation requiring the owner/operator to endorse the aircraft log book with a statement certifying that the the prescribed flight hours have been completed and that the aircraft has been shown to comply with FAR 91.42(b). The owner/operator may then go directly into the second phase operation.

c. For the Phase II limitations, the certificating inspector or DAR will prescribe all those operating limitations (reference Order 8130.2B), as appropriate, to the issuance of an unlimited experimental certificate for the operation of an amateur-built aircraft.

d. In accordance with existing procedures, the certificating inspector or DAR may prescribe any additional limitations (in Phase I or II) deemed necessary in the interest of safety.

WHEELIN' N DEALIN'

For Rent: Several "T" and 50x40 hangars available at Nutree Airport. "T" hangars rent for \$150 per month and 50x40 rent for \$300. Please call Bob Aaspegren (707)422\_3473.

Wanted: 1834 or 2100 VW for KR-2; engine instruments. Call or write with prices. Jerry Pryce, 549 Tipperary Dr., Vacaville, CA 95688. (707)447-4349

Free: The following issues of SPORT AVIATION are available for anyone wanting to complete their collection: 1976 - Apr, May, Jul; 1978 - Feb; 1981 - Dec; 1982 - all except Aug; 1983 - all; 1984 - all; 1985 - all. Call Jerry Pryce (707)447-4349.

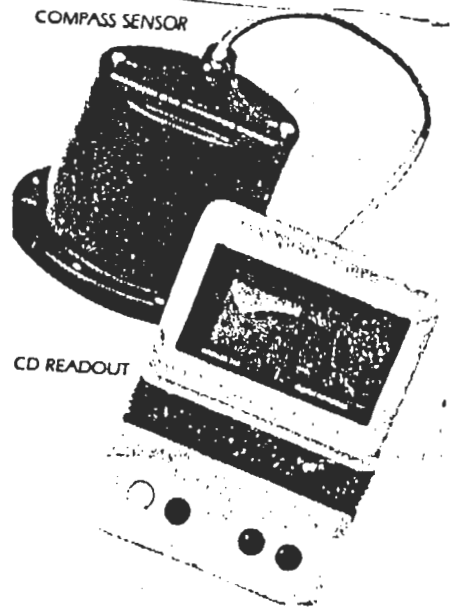
FOR SALE: Hovey Delta Hawk Biplane. Rotax 277. TT 22 hours. Superior construction and appearance. Excellent condition for only \$6000.00. Call or write to Brian Carpenter, Route 1 Box 303-D, Oroville, Calif. 95965. Phone (916) 532-9249 home and 916-896-3065 work.

WANTED: A set of Cleveland Wheels for my Luscombe. Size 600 x 6" with the mechanical brake drums. Please call Chuck Jarrett at (916) 872-2626 (Paradise, Calif.)

1948 CESSNA 140 PROJECT 4-SALE BOB ZEIHNER (408) 374-0158  
1948 Cessna 140 project. All components disassembled, about 1500 hours on airframe. C85-12F engine apart, rag wing.

FOR SALE: "VARIEZE" PROJECT, GLASS WORK  
80% COMPLETE, \$4500, J. PRYOR, GRASS VALLEY.  
272-5560

LYCOMING, O-235-C2C, W/ACCESS, ) HRS SMOH,  
RICH LELANGE, GRASS VALLEY, \$5500,  
272-5560



## FOR SALE

B&T 56 X 73 PROPELLER, FACTORY REFINISHED, URETHANE LEADING EDGE FOR VARI-EZE 90-100 H.P. FAST CRUISE. \$195  
 CRICKET MC12 PLANS AND MF6 MANUAL, UNUSED \$140

CONTACT ALAN MCPHERSON 707-762-2744

**Azimuth relies on solid-state electronics to produce +/- 1° of accuracy in its new nonmagnetic compass. Its unique articulating LCD readout can be mounted anywhere. A remote sensor in the bilge is connected to the LCD panel. Contact Azimuth, KVH Industries, 850 Aquidneck Ave., Middletown, RI 02840. PM**

POPULAR MECHANICS • MARCH 1987

Comments from Rex Taylor, President of NASAD, c/o HAPI, Eloy Municipal Airport, RR #1, Box 1000, Eloy, AZ 85231, telephone (602) 466-9244, - edited for brevity:

"The most glaring safety problem that we have with Posa carburetors is a two-fold one. The first problem is that people believe that because it is a non-certified carburetor, it requires no periodic maintenance and they simply won't replace the parts that we have told them repeatedly in various publications - SPORT AVIATION included - that need to be inspected and repaired on a timely basis. Probably all the plastic parts need to be replaced every year or two, and we're talking about \$2.00 or \$3.00 worth of parts. The builders simply won't do that.

"I believe one of the best services we could do for the homebuilder is to establish some sort of a means of disseminating the equivalent of AD's on non-certified parts and assemblies that find their way into homebuilts so that people can be made aware that these things do require service, maintenance, adjustment or whatever to assure safe operation.

"The other big thing that causes lots of problems relating to Posa carburetors, which is believed by the largest part of Posa users now, is that the Posa is immune to carburetor icing. Nothing could be further from the truth.

"A Posa carburetor is not particularly bad about carburetor icing in itself; as a matter of fact, it is probably less prone to carburetor icing than a Venturi type carburetor. But we take a Posa, put it on an intake manifold on a Volkswagon engine that hangs entirely below the engine, super cool the manifold, and the result is manifold ice immediately behind the Posa. John Monnett as been able to avoid this for the most part because he's sucking heated air out of the inside of his cowling for intake air. Ken Rand did the same. I know several Sonerai builders that I have talked to have experienced icing and made some dead stick landings because of it. One builder called me recently and had just made three forced landings in a row - every time he turned from base to final, the engine quit. A few minutes later, it would fire up and run just fine. He couldn't figure out what was wrong. Carburetor ice! He went ahead and put a carburetor heat box and heat muff on it, got some heated air to the carburetor, and his problem was solved."

### SEAHAWK KIT FOR SALE

Complete kit less Engine Radio and Instruments. Very little work done so you can build it the way you want. Complete set of updated plans and all newsletters. New kit cost \$14000.00 asking \$11000.00. Call Jack Currie (408)353-2549

FOR SALE - C.H.T. Rochester gauge 2.25" (catalog list \$51.60), E.G.T. 2.25" (list \$28.90), wheel fairings (LIST \$108), clear plastic cone for Vari-Eze. Prices 50% off list. Dick Link 395-5351. \*\*\*\*

FOR SALE - Membership in Frazier Lake Airpark. Best offer over \$10,000. J.C. White - Redwood City (415) 594-9300. \*\*\*\*

AMSOIL SYNTHETIC LUBRICANTS, FILTERS, AND APPEARANCE PRODUCTS. WHOLESALE, RETAIL  
 Bob Kaytes (408) 985-0444. \*\*\*\*

BOOKBINDING SERVICE "Sport Aviation" in yearly volumes, cloth covered, gold colored EAA insignia, heavy construction. \$14.00 plus tax. Other bookbinding service available. Warren Burnham, 18991 Lynbrook Ct., saratoga 95070. (408) 252-3406

FRED W. EGLI  
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**DUES ARE DUE**

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