



EAA Chapter 478
COCKPIT CHATTER
Lexington Park, MD June 2002

FROM THE EDITOR

Next Chapter Meeting:
18 June 2002, 7:00 PM
Air Terminal Building
St. Mary's Airport (2W6)

In this issue of *Cockpit Chatter*:

From the Top, Bernie reviews the Young Eagles Fly-In, AOPA Open House, his KR progress, finding dropped objects, and preps us for the chapter meeting.

Chapter Meeting Minutes, one way to increase communication in the chapter is to pass on the minutes from meetings using this newsletter.

Governing Board Meeting Minutes, routine business is handled at the once-a-month governing board. Meetings are usually held at the NAS Patuxent River Test and Evaluation Museum conference room.

Treasure's Report, Lois lists the current balance.

Annual EAA Book and Video Sale, The sale runs

Cockpit Chatter is published monthly by EAA Chapter 478 solely for the dissemination of information and ideas to the membership. Any opinions expressed herein are strictly those of the author and do not necessarily reflect the opinions of the chapter or the Experimental Aircraft Association.

Chapter Officers
President: *Bernie Wunder*
Vice President: *Tom Weiss*
Secretary: *Bernie Wilder*
Treasurer: *Lois Rose*

Committee Chairs and Chapter Advisors
Social Chairman: *Open*
Program Coordinators: *Open*
Librarian: *Paul Gambacorta*
Flight Advisor: *Vacant*
Technical Counselors: *Ed Stewart, Nate Frank,*
and Rich Gill
Newsletter Editor: *Paul Gambacorta*

Internet Address
<http://eaa478.tripod.com/>

until June 30 with only one order per chapter.

June Program, This month we'll have hangar talk, who's been flyin' where, who's building what, there I was And , if you have an airplane, bring to the terminal ramp for "show and tell"

Young Eagles; Greg Stevens reviews the Young Eagles Rally and pancake breakfast held on the 8th of June.

Curtis A1 Triad, Dave Zorychta and Sid Wood are working ribs and spars. Paul Gambacorta is working on the rudder.

Member's Forum, Completed Pulsar for sale.

EAA Network, describes events sponsored by the EAA and its chapters: Recognition for your 1000 flight-hour homebuilt, Kitfox Sport repackaged, and SportAir Workshop in Frederick Maryland.

From the Web, Cessna control columns and TCM magneto impulse couplings, Ercoupe wing spar AD, Hyde Field closure, aviation artifacts auction, Robinson gift to American helicopter Museum, Raytheon emergency exit AD, AVEMCO coverage, and a new GA aircraft from Toyota.

In the Chocks, I missed a great flying day, makeup for Young Eagles, and Crisfield commentary.

Flying Destinations has been included to help us plan flying opportunities.

Calendar of Events has been included to help us all plan and support chapter activities. Initial draft.

Membership Roster has been included to help us communicate with chapter members.

- *Paul Gambacorta, Editor*

FROM THE TOP

Bernie Wunder, Chapter 478 President

Wish I could have been at the Young Eagle's rally on June 8th, but this has been my year for graduations and weddings. So far I have been in New York City, Pittsburgh and Phoenix in the last month....too bad I did not have an airplane to get there quicker. From what I have heard, the fly-in and pancake breakfast was a very successful event and a lot of thanks goes to all those who volunteered, especially Greg Stevens for organizing the flying part and Tom Weiss for the pancake breakfast part. As many of you know, Greg has become somewhat of a geographical bachelor due to job changes and needs a relief as the Young Eagles' coordinator. Greg has this job so well organized, it would be real easy for someone to step in and run the next one. If interested, please see me.

I didn't get any offers to fly anywhere this month for lunch, but Bernie Wilder gave me a ride to the AOPA open house at Frederick airport on June 1st. It was another beautiful day and we got to see a lot of airplanes, hear a forum, have a nice lunch, and see the exhibitors. I think it is definitely worthwhile to go to this one day event and we even picked up a couple of offers for chapter programs. The first one will be next month on air traffic control communications simulators /simulations that you can use on your home PC to sharpen up your skills. More information to follow.

Not much else is new this month. I got my KR to the boat stage and can now see the initial form of an airplane. One of the tips I picked up off the KR net this month is how to find a small object that you drop on the workshop floor. When looking for a small item on the floor, use a bright flashlight to cause a shadow. Hold the flashlight close to and parallel to the floor. Also, get your eyes close to the floor, i.e. one ear on the floor, and the item jumps right out of the mess (I haven't tried this yet, but thought it sounded good!).

For our meeting this month, we will finish up on showing the videos and slides on Sun 'n fun we had left over from last month's meeting. We would also like anyone that has an airplane (or pieces of) to fly, tow or bring it to the meeting so that we can see and feel those flying machines. There will be plenty of

daylight so we can take a long break and have a look-see on what folks are building and flying.

C U at the meeting on the 18th

Bernie

CHAPTER MEETING MINUTES

General meeting Minutes for 21 May 2002

Meeting opened by the president at 7:00.

Guest in attendance ; John Lawson and Jim Kelly. ((The latter had received a card sent out by our membership chairman.))

Minutes of last meeting and the Treasurer's report were approved as submitted.

Committee Reports:

A-1 CONSTRUCTION

Detailed work plan has been prepared. Bamboo has been donated and it was determined that Poplar is OK to use in construction.

YOUNG EAGLES

Plans are complete - Pilot labels will be prepared ahead of time. Posters were given to members to distribute. Civil Air Patrol have again agreed to help. Insurance papers are complete.

LIBRARY

EAA is having another half price sale. Members can purchase at this price if the orders go in from the chapter. Anyone interested in buying should get orders to Paul Gambacorta.

FLY-IN 2002

Advertisements on several web sites. Planning on track.

AIR EXPO

Navy being contacted. Any one want to display anything ? ? ?

MEMBERSHIP COMMITTEE

Chairman sent out 160 invitations to EAA national members in area who

are not chapter members. One attended the meeting.

CORRESPONDENCE

EAA National seeking nominations from for chapter major achiever. President described conversations with Oshkosh on subject that indicates that their process is less than sterling.

Nominations were sought for a newsletter editor and a web master. A program chairman would also be helpful.

OLD BUSINESS

2002 Sweepstake Contest - ends this month. Seems to be little enthusiasm.

NEW BUSINESS

Motion was made, seconded and unanimously passed that Sid Wood be nominated to receive a Major Achiever Award. President will prepare the documentation.

Noted that chapter lacks a Flight Counselor. Anyone interested ? ?

PROGRAM

Sid Wood demonstrated the process of molding a control surface counter weight. A video tape on sea planes was shown.

- B. Wilder, Secretary

GOVERNING BOARD MEETING MINUTES

No board meeting this month [Ed.]

TREASURER'S REPORT

<u>ACCOUNT BALANCE (as of 6/6/02)</u>	
ASSETS	
Cash and Bank Accounts	
Checking	\$600.77
Savings	\$836.99
Fly-Ins	\$0.00
Pancake Breakfasts	\$0.00

Petty Cash	\$91.00
TOTAL	\$1,528.76
TOTAL ASSETS	\$1,528.76
LIABILITIES	\$0.00
OVERALL TOTAL	\$1,528.76

Reminder - If your 2002 Chapter Dues are due, send a \$12 check payable to EAA Chapter 478 to Lois Rose.

- Lois Rose, Treasurer

8th ANNUAL EAA BOOK AND VIDEO SALE

8th Annual EAA Chapter Book and Video Sale May 1, 2002 - June 30, 2002. 50 % Off Any Item in the EAA Book/Video Catalog (Excluding the SportAir Workshop Fabric & Compo-site Videos. 20% discount applies to these videos). This is an exclusive offer for EAA Chapters (Including EAA Divisional Chapters).

Hurry Offer Ends June 30, 2002.

ONE ORDER PER CHAPTER

JUNE PROGRAM

Bring in a piece of your project, your favorite tool or some "show and tell" things for an interesting segment of the meeting when we ask for builder's reports.

Bernie [Ed.]

YOUNG EAGLES

We flew 30 Young Eagles, and we have 10 registered that did not get flown, and some that just left. Bernie Wilder flew 6, Sid Wood flew 9, Skip flew 8, and I flew 7.

I am sending the package of registered but unflown to school with Gail to give to Dee to give to you to give to someone who will coordinate getting them flown at a later date.

I would like to write each unflown person a letter, but I just do not have time and no computer yet in Salisbury.

- Greg

CURTISS AI TRIAD

Sid Wood and I cut up about \$500 worth of aspen wood purchased by the Navy. We planed these down to make lamination components for ribs and spars. I have made 20 ribs and 4 spars in the last week; and expect to have a total of 39 ribs and 12 spars laminated (epoxy) by our next EAA Chapter meeting.

Still need to make diagonals, intercostals; then plane these down to their final widths. Next cut these to fit in the wing jig, then epoxy together. I decided to make all the "pieces" first before constructing anymore of the remaining 7 wing panels.

- Dave Zorychta

All the wood is cut for the basic rudder. Purchased sheet steel and brass for rudder brackets.

- Ed.

MEMBER's FORUM

I ferried a Pulsar, N5CT, from Williamsburg airport to Dogwood airpark on Friday evening. N5CT is up for sale, it has around 135 hours on the airframe and Rotax 912 engine with a cruise speed of 140mph on 4.5gph. It has a cockpit adjustable prop with Warp Drive blades. It has a very nice Coast Guard paint scheme, a complete complement of instruments, a Bendix King KLV135A GPS Com plus a second NavCom, a micro encoder and more things than I can remember. The asking price is in the mid \$30k range which is less than the cost of the kit and engine. The owner has lost his medical and is having to move to Canada to be near family. If anyone is interested in this plane, contact me and I will get you all the exact information about the instruments.

- Mike Logan

EAA NETWORK

EAA e-HOTLINE Volume 1, Number 63

Congratulations in Order For 1,000-Hour Homebuilts If you've flown your amateur-built aircraft for more than 1,000 hours, EAA's Aviation

web page: eaa478.tripod.com

Information Services wants to hear from you so it can properly recognize the accomplishment. Your important contribution to recreational aviation and the homebuilt movement will be commemorated with a special Certificate of Accomplishment signed by EAA President Tom Poberezny. To receive your 1000-Hour Homebuilt certificate, send your name, complete mailing address, and aircraft make, model and N number to info@eaa.org, or mail to: EAA Aviation Information Services P.O. Box 3086, Oshkosh, WI 54903-3086.

EAA e-HOTLINE Volume 1, Number 64

Kitfox Sport Repackaged for Cost-Conscious Builders Anticipating the new sport pilot flying category, SkyStar Aircraft Corp. has repackaged its new Kitfox Sport Plane into smaller pieces to make it more affordable to budget-conscious sport pilots wannabes. "When we introduced the Kitfox Sport at Sun 'n Fun earlier this year, it was packaged as a very complete kit at an excellent price (\$18,995 for the complete airframe)," said SkyStar's Ed Downs. By breaking the package down into smaller bites, those who wish to take advantage of the new category can have a high-performance, low-price option available—today.

Estimated build times are as low as 500 hours, and factory help, including flight training is available. SkyStar will bring a completed Sport to the Northwest EAA Fly-In at Arlington, Washington, July 10-14. To learn more about the Kitfox Sport Plane, visit www.skystar.com

EAA e-HOTLINE Volume 1, Number 64

EAA SportAir Workshops:

JUNE 21-23, 2002, FREDERICK, MD

Topics: [RV Assembly](#)

FROM THE WEB

AOPA ePilot -- Vol. 4, Issue 23

FAA CONCERNS COVER CESSNA CONTROLS, TCM MAGNETOS: The FAA has issued Airworthiness Concern Sheets asking for GA

community feedback on potential airworthiness problems with Cessna control columns and Teledyne Continental Motors (TCM) magneto impulse couplings. Airworthiness concerns are issued as a way to solicit input before proposing or issuing an airworthiness directive (AD). The FAA suspects that control columns on Cessna 172, 180, and 185 airplanes may corrode and ultimately fail and has asked AOPA and aircraft type clubs to obtain data from the field regarding this condition. On the issue of the TCM magneto impulse couplings, the FAA says an existing magneto impulse coupling AD (96-12-07) may mandate engine inspections that are no longer necessary, and is requesting service information regarding magneto model, type of impulse coupling flyweight retention, engine make/model, and impulse coupling time in service.

AOPA OPPOSES ERCOUE WING SPAR

AD: AOPA, in close coordination with the Ercoupe Owners Club (EOC), submitted comments to the FAA recommending several changes to a proposed AD on Ercoupe wingspars. The proposed AD (2001-CE-45-AD) recommends inspection of the wing center section for corrosion visually or via a borescope and repair or replacement of corroded or damaged parts. AOPA and the EOC opposed the proposed inspection procedures, recommending a faster, less expensive, and more effective inspection method. AOPA and EOC urged the FAA to include the alternative inspection procedure in the final AD, and asked that the FAA extend the 100-hour/annual repetitive inspection intervals to a longer period more representative of the actual time necessary for corrosion to develop in Ercoupe wing center sections. See (<http://www.aopa.org/whatsnew/regulatory/regercoupe.html>).

AVflash 8.21b

ONE OF "DC-THREE" CLOSED, MAYBE

FOR GOOD: It took months for Washington, D.C.-area pilots to get three of their local airports reopened in the aftermath of the September 11 terrorist attacks -- and now one of them is closed again. The three GA airports closest to the capital -- Potomac Airfield, College Park Airport and Washington Executive/Hyde Field -- were allowed to conduct operations only after

pilots based there complied with numerous security steps. Now, however, the FAA has closed Hyde Field, citing security concerns. Local pilots told AVweb that the closure may be related to personality clashes at the facility rather than real security lapses. As of now, no plan or timeline is in place for reopening the field.

AVIATION ARTIFACTS AUCTION: Here's your chance to own or wear a piece of history. An auction of vintage aviation collectibles, including photographs, propellers, books, an Eddie Rickenbacker flight suit, artifacts from the Enola Gay, and more, is slated for June 11 at Butterfields Auction House in San Francisco. Thanks to the Internet, you don't even have to trek out west to participate -- you can bid online. About 75 original flight jackets from WWI, WWII, Vietnam and the Korean War are for sale, including a rare US 23rd Fighter Group "Flying Tigers" A-2 jacket and an exceptional "Hump Pilot" jacket that could go for up to \$10,000 each. A scarce 1950s woman's B-17B flight jacket will be offered, as will rare modified jackets.

NOTE: For the scoop on how to register for the auction and view the lots, go to AVweb's NewsWire at <http://avweb.com/n/?21b>.

AVflash 8.22a

ROBINSON GIFTS HELI-MUSEUM: Frank Robinson, founder and president of Robinson Helicopter Company, has given a \$1 million contribution to the American Helicopter Museum -- by far the largest contribution ever received by the museum. The funds are slated for the purchase of the museum's leased facilities on five acres of the Brandywine Airport in West Chester, Pa. Opening ceremonies are tentatively set for October 2004 and coincide with the 75th anniversary of the first successful rotary-wing flight in the United States.

RAYTHEON AD: A new Airworthiness Directive (AD) has been issued via final rule for some of Raytheon's piston aircraft. This AD, which applies to certain Model 58P, 60, A60, B60, and 65-88 airplanes, requires owners/operators to install new exterior operating instruction placards for the exit

doors. The FAA claims that this action was done as a result of difficulty opening the emergency exits of a similar type design airplane, although specific head-bonkings weren't cited. NOTE: If this means you, see AVweb's NewsWire at <<http://avweb.com/n/?22a>> for more.

AVEMCO RESUMES HULL COVERAGE FOR ENTIRE RV SERIES: In March, Avweb reported Avemco Insurance Company's seeming moratorium on new hull policies for many homebuilt models, including the RV series of aircraft kits. EAA now tells us that the insurance company May 23 announced it has resumed writing new hull coverage policies for the entire Van's RV series of aircraft -- they're also taking point on the issue. If you experience any troubles with your insurance coverage, EAA wants to hear from you at 888-EAA-INFO (322-4636).

AVflash 8.24b

NEW GA AIRPLANES TAKE FLIGHT: A single-engine four-seat aircraft built by Toyota made its first flight on May 31 in Mojave, Calif. Watch for more news soon from AVweb about this aircraft, which Scaled Composites is testing for Toyota. In related news, Denver-based Adam Aircraft recently announced it is within weeks of finishing the first of four aircraft built to test their centerline-thrust, twin-engine design, the A500. One aircraft will be on public display in July at EAA's AirVenture 2002 in Oshkosh, Wisc. CarterCopter -- that thing that looks like a George Jetson whirlybird with straight-wing tendencies -- will also make its Oshkosh flying debut (having flown previously, elsewhere).

IN THE CHOCKS

I know, I'm always asking about flying and when the right day comes along, Young Eagles Rally and a trip to Crisfield, I go to work. I heard the Young Eagle pilots were kept busy and we need to reschedule to fly some more. Give me names and phone numbers and I'll work down the list, anybody else? Don Byrne went to Crisfield and said the grass strip was filled with airplanes and the good food was running out around noon. I hope I don't miss the next super fly day. At least I got my late Sunday afternoon flight in.

FLYING DESTINATIONS

Event	Date	Location
Short Wing Piper Fly-In Cookout	15 June	Chesapeake Ranch (MD50)
Ch 1070 Old Aeroplane Fly-In	15 June	Cooperstown, NY, (K23)
Sentimental Journey	19-23 June	Lock Haven PA, (KLHV)
Ch 240 Pancake Breakfast	13 July	Toughkenemon, PA
1941 Aircraft Group Air Show	13-14 July	Geneseo, NY
EAA Summer Fly In	13-14 July	Hagerstown, MD, (HGR)
EAA Airventure	23-29 July	Oshkosh WI (OSH)
Wildewood Museum Annual Airfest / Breakfast	10 August	Cape May, NJ,
Ch 240 Pancake Breakfast	10 August	Toughkenemon, PA
CAF Wings Over Frederick	17-18 August	Frederick, MD
Virginia State Fly In	7-8 September	Petersburg, VA (PTB)
48 th Annual Fly In Breakfast	8 September	Limerick, PA (PTW)
EAA East Coast Fly-In	13-15 September	Toughkenamon, PA
Annual Airfest	21 September	Ocean City, NJ
Fly In Breakfast	21 September	St Mary's, MD
Pax River Airshow	28-29 September	NAS Patuxent River, MD (KNHK)
Fly In Breakfast	12 October	Toughkenamon, PA
Aerobatic competition	26-27 October	Farmville, VA

CALENDAR OF EVENTS

Event	Date	Location
Chapter Meeting	18 Jun	St Mary's Air Terminal Refreshments - P. Gambacorta
Chapter Meeting	16 July	St Mary's Air Terminal Refreshments - G. Stevens
EAA Air Venture	23-30 Jul	Oshkosh, Wisconsin
Board Meeting	2 Aug	T&E Museum
Chapter Mtg/Picnic	20 Aug	Chesapeake Ranch
Mid Eastern Fly-In	6-8 Sep	Marion, Ohio
Virginia State Fly-In	7-8 Sep	Dinwiddie Cty, VA
East Coast Fly-In	13-15 Sep	Toughkenamon, PA
Chapter Meeting	17 Sep	St Mary's Air Terminal Refreshments - S. Lewis & J. Johnson
Fly-In/Open House	21 Sep	St Mary's Co., MD (2W6) Duke Regional Airport
Air Expo	28-29 Sep	NAS Patuxent River, MD
Board Meeting	11 Oct	T&E Museum
Chapter Meeting	15 Oct	St Mary's Air Terminal Refreshments - P. Gambacorta
Board Meeting	8 Nov	T&E Museum
Chapter Mtg/Election	19 Nov	St Mary's Air Terminal Refreshments - B. Wilder
Board Meeting	6 Dec	T&E Museum
Chapter Meeting & Christmas Party	17 Dec	St Mary's Air Terminal