

1990  
**MARCH**

# **EAA CHAPTER-690 NAV-COM**



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MEETINGS 2ND FRIDAY EACH MONTH AT STONE MOUNTAIN AIRPORT - 8:00PM

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EDITOR: Henry Warner (404) 449-9775

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## **OFFICERS**

President, Frank Wilcox  
978-2403

Vice President, Duane Huff  
921-4423

Secretary, John Goodman  
972-2405

Treasurer, Mike North  
925-9552

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## PRESIDENT'S MESSAGE

Even the ducks were talking when Chapter 690 last met on February 9th. Unfortunately, the tornados that were accompanied these SEVERE thunderstorms caused considerable property damage for several of our members. Thirty Chapter 690 members and guests braved the elements to attend our meeting. Is that dedication (or foolhardiness)? Of course weather is an aviator's middle name and dealing (successfully) with it is the game.

Development of the Chapter 690 program schedule for 1990 is moving along nicely. At the Executive Committee Meeting held January 24 most of the major events and activities were assigned dates and coordinating chairperson. The first of these, a project visit to see Greg Jannakos' Sonerai II on Saturday February 17th, was well attended. Greg's tube and fabric project with metal wings is ready for engine and systems installation. The next major events are a fly-out pancake breakfast at Winchester, Tennessee on March 3rd and the Blue River Covering Workshops on March 17 & 18 and 21 & 22. A project visit is scheduled for Sunday March 25th with John Goodman to see his RV-6. March will be a busy month for our Chapter. Be sure to check the NAV / COM and mark your calendar for those events that interest you. We hope it will be most of them.

It is not too soon to start your planning for Sun'n Fun at Lakeland. Usually several

planes with extra seats go from Chapter 690. Sharing the cost of fuel may get you a fun trip to one of EAAs most exciting and informative conventions. Check it out by asking around. If you are a plane owner and have an extra seat(s) let it be known. If you are flying, both Brother's Aviation Community near Lake City, Florida and Leeward Air Ranch near Ocala, Florida invite EAAers to drop in whether flying or driving. You may be interested also in the sales pitch each will be more than willing to present. You don't have to invest.

Back to our February meeting. The scheduled speaker Bob Barton as announced in the February NAV /COM graciously deferred to Captain William Bondurant of Eastern Airlines. Bill was the pilot who successfully landed the Boeing 727 at Hartsfield with the right main gear stuck up. Unfortunately, the weather prevented Bill who was an EAL trip from attending so the King Series Video, "Practical Piloting" was viewed. This is a rapid fire presentation of useful "rule of thumb" piloting information. You may be interested in checking it out from our librarian, Barney Barnes. An unusual intermission treat was a birthday cake decorated with an Apache and congratulations from Chapter 690 for President Wilcox. Thanks to all who were responsible, especially my wife, Margaret and a chorus of members singing Happy Birthday. This was a much appreciated surprise.

Frank Wilcox

CHAPTER 690 INDIVIDUAL  
ACHIEVEMENT AWARD FOR 1989

The winners of the Chapter 690 Individual Achievement Award for 1989 are Mac Forbes and Ken Sharp. This is the first time that two winners have been selected the same year for this award. This is most unusual since there is no nomination process; simply each member attending the meeting writes a single selection on a blank ballot.

During 1989 Mac took over the program committee chairmanship when VP Bob Barton found work out of this area. This was a real challenge and Mac did an outstanding job.

Ken, a Certified Flight Instructor, is a behind the scenes person. He helps pilots with their flying problems and upgrading their skills. In addition, Ken is the master pancake baker for chapter pancake breakfasts. Ken also coordinated the production and erection of the attractive sign at the entrance to Stone Mountain Airport. Congratulations to both winners. Their names will be engraved on the Achievement Award Plaque in the lobby of the Stone Mountain Airport Administration Building.

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BLUE RIVER AIRCRAFT  
COVERING WORKSHOP

We have had an excellent response to the planned covering workshop. As of this report we have 33 paid participants. Applications have been received from

Florida, South Carolina, and Kentucky. Two sessions are being scheduled to provide an opportunity for those who cannot participate during a week-day session. The first session will be held on March 17-18th (Saturday and Sunday) and the second session on March 22-23rd (Thursday and Friday). Each session will be 8:00 AM to 5:00 PM each day.

Registration is still open and the cost is \$35. Make check payable to Blue River Aircraft Supply and send to: Duane Huff, 383 Bethesda Church Road, Lawrenceville, Georgia 30244. (Phone: 404 921-4423)

The Workshop will be held at Lenora Airfield at Frank Wilcox's Hanger. His address is: 2995 Centerville-Rosebud Road, Snellville, Georgia

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MARK YOUR CALENDAR

"Looking Ahead". It seems too early, but we are making arrangements for Chapter 690's 1990 Christmas Party !!! It is to take place at the DECATUR ELKS Lodge on Memorial Drive (close to Stone Mountain).

Date: Friday, December 14th

Time: 7:00 PM - 8:15 PM Social

Speaker: 8:15 PM - 8:45 PM

Dinner: Soup and salad bar  
Prime Rib or Snapper  
Potato, coffee, tea,  
rolls, dessert

Cost: \$12.50 per person

The Lodge has a band / dance floor on Friday night and we

are welcome to join in after our party.

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### MARCH PROGRAM: " WHAT DO AERODYNAMICISTS DO?"

Bob Barton will discuss the development of basic performance calculations of aircraft using his Sonerai II L as an example. Areas that will be touched on will include:

- \* Drag estimate
- \* Climb performance
- \* Take-Off Performance
- \* Landing distance calculations

This method of getting performance data is admittedly, not as much fun as doing the actual flight test, but a heck of a lot cheaper and safer !

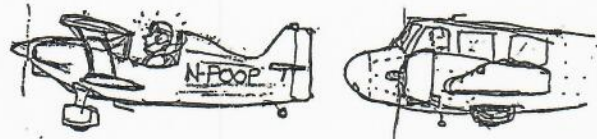
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### REPORTING TALL TOWERS

Tall towers continue to be a problem for all of general aviation. Recently, EAA Headquarters discovered there is a method where we can report tall towers failing to meet the required standards issued by the FAA. In the event you observe a tower which has not been painted in accordance with the obstruction painting requirements or obstruction lights or strobes have ceased to function, you can contact the local flight service weather reporting service at 1-800-WX BRIEF. Note and

report the specific location by picking up the telephone and contacting the flight service station on this toll free number. We may not be able to keep them from building tall towers, but we can make them enforce the rules once they have been built.

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"N-POOP, CENTER --- ABOUT THAT REQUEST FOR FLIGHT FOLLOWING!"

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### TECHNICAL COUNSELOR REPORT

Visits were recently made to review the progress of two projects being constructed by Chapter 690 members. Harry Goetting has been working several years on this KR-2. The KR-2 is an example of a basic wood structure using foam and fiberglass / epoxy skin. All of the primary structure of Harry's KR-2 are complete. Now the big job of mounting a Drone engine and installing the systems (electrical, fuel, instruments, etc.) The workmanship is excellent and illustrates a good mix of structure fabrication from "raw" material and prefabricated sections.

Gregg Jannakos has completed his Sonerai project to the same point as Harry's KR-2. The Sonerai II is a tube and fabric fuselage structure with aluminum structure for the wings. Special "pull rivets"

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are used for the metal joining thus eliminating the need for the usual riveting methods. Stitts method of fabric covering is being used. The workmanship is excellent throughout. Gregg hopes to have his Volkswagen engine powered project flying by mid to late summer.

The purpose of EAA Technical Counselor Program is to provide experienced individuals to advise amateur builders and restorers of aircraft in a technical advisory capacity, free of charge. The Technical Counselor does not sign log books. Advisory Circular 20-27C is explicit in this regard - the builder signs his own log. The Technical Counselor provides another set of eyes and experience in an effort to assure that the amateur built aircraft will be airworthy when presented to the FAA for certification.

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#### C-140 RESTORATION PROJECT

A group of Chapter members are forming an aircraft rebuilding project. A true basket case! John Connelly and Andy Anderson are co-chairing the group. Buy in costs are about \$300 each. Approximately 10 individuals have expressed a desire to be part of this activity. For further information and details contact John at: 294-4050 or 297-9888.

#### CHAPTER TOOLS AND SUPPLIES

All tools and VHS tapes listed below are for use (FREE) by chapter members and are available from Frank Wilcox.

Nicopress/cable cutter  
Tensiometer 1/8" & 3/32" cable  
Magneto timing light  
Cylinder base wrenches  
Tubing bending tool  
Tubing flaring tool  
Spring type tube bender  
Compression tester  
Ring compression set  
Spark plug cleaner set  
High tension cable tester

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EAA Educational Tapes (VHS)  
Welding  
Woodworking  
Composite Construction  
Prescott Pusher Demo  
Prescott Pusher Elevator &  
Trim construction  
Flying Over Water, Wake  
Turbulence, Winter Flying,  
T.O. and Landing, Basic Radio  
Procedures, and Start-up.  
Sport Aviation Index of  
Articles  
NEW TAPES:  
King "take off" library (11  
tapes)  
Fabric covering process (Ray  
Stitts)

#### SUPPLIES

Cheap, but not free.  
Wire: #2, #18, and #22  
Cable: RG50/AU for radios.

## CHAPTER CALENDAR OF EVENTS

3 / 3 Fly-Out Breakfast.  
Winchester Tennessee.

3 / 9 Chapter Meeting. St.  
Mtn. Airport

3 / 17 Blue River Covering  
Workshop. First Session

3 / 22 Blue River Covering  
Workshop, Second  
Session

4 / 8 - 12 Sun' N Fun,  
Lakeland

4 / 28 Air Adventure Day  
(Youth)

5 / 12 Pancake Breakfast.  
8:00 am Stone Mtn.  
Airport

5 / 26 Chili Cook-OFF

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### FLY BUYS

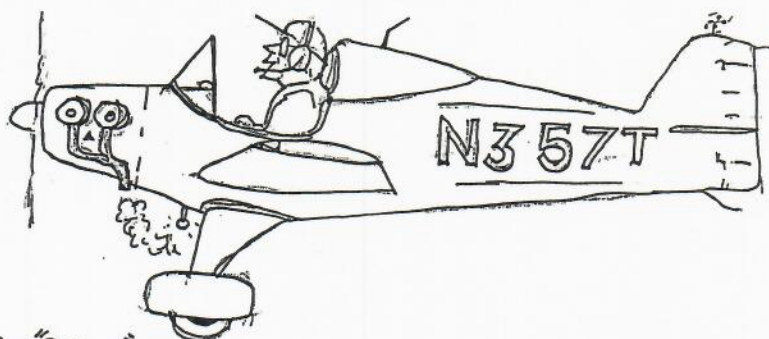
Lark for Sale. Aero Commander  
100-180, 4 place, 180 hp, IFR  
Certified, 1545 TIAFE,  
\$12,500. Trade (?) toward C-  
182 or Piper 235. Contact:  
Henry C. Warner at (404) 449-  
9775.

Vari Viggen project for sale.  
30-35% complete. Almost all  
parts needed to complete  
except engine, canopy, and  
outboard wing. Over \$6000  
invested, make offer. Don  
Alspaugh 981-1291.

New! RST-572, 720 Nav / Com  
builtin OBS / CDI with tray  
(solid state). \$799 Contact  
Forrest Wilson at 292-5613.

RV-3 Kit (less engine) wings  
50% complete. \$3000 Jonesboro,  
Georgia 478-3321.

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FOR "SAFETY" REASONS NO TRANSPONDERS AT SUN'N FUN '90!