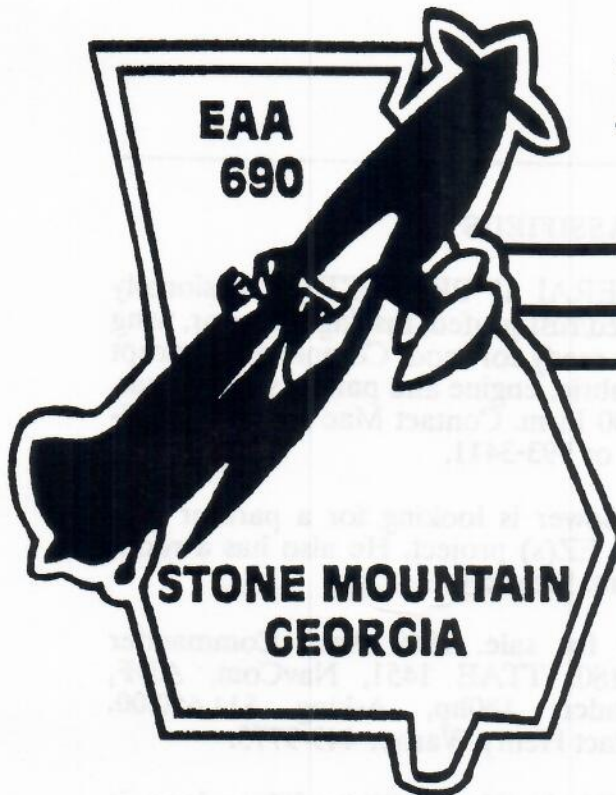


SEPTEMBER 1988

# EAA CHAPTER-690 NAV-COM



---

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

---

EDITOR: Forrest Wilson Phone: (404) 292-5613

---

#### OFFICERS

President, Harold Stalcup  
921-9468

Vice President, Bob Barton  
938-7271

Secretary, Earl Evans  
469-2546

Treasurer, Donna Forbes  
993-3411

#### TECHNICAL COUNSELORS

Ed Booth 921-2907  
Frank Wilcox 469-9323

#### CHAPTER TOOLS & MATERIALS

Frank Wilcox 469-9323  
2996 Nappa Trail  
Stone Mountain, GA 30087

---

# EAA CHAPTER-690 NAV-COM

---

EDITOR: Forrest Wilson  
2832 Concord Dr.

Phone: (404) 292-5613  
Decatur, GA 30033

---

## PRESIDENTS MESSAGE

Chapter 690 did it again!

The Winder air fair August 13 was a great success and everything went very smoothly. The Winder/Bartow county airport authority said that without our participation their 40th celebration would have been a flop. Particularly gratifying were the EAA aircraft which came and participated in the fly-by.

We sold 224 breakfasts, 200 hotdogs and 500 drinks. In addition "Frack" sold iced tea in our small booth and reported good sales. We parked Reinhardt's Der Kriket near the booth and it drew the people in, most of them seemed thirsty!

John Popp organized and led a good EAA fly-by. If my memory is right he had 16 planes participating. It was safe and no one had any problem.

Frank Flessel's video theater again was a success. I saw crowds around it all the time it was playing. We located it so people would have to pass by our hot dog and drink stand to get to it.

My thanks go to all who helped to make this a success. Several people were there early and stayed late. To them a special word of thanks. To all, good work!! We added approximately \$500 to 690's treasury.

Look forward to seeing all of you at the September meeting, Donna will have a full report on the Winder air fair.

Our home airport, Stone Mountain, has requested our participation in a joint air fair October 22nd so we are beginning to work toward that date.

Harold Stalcup

---

## "CLASSIFIEDS"

SONERAI II PROJECT Professionally welded/rust prufed, fuselage on gear, wing spars ready for mod. Complete kit except for fabric, engine and paint - some extras. \$3,700 Firm. Contact Mac Forbes @ 257-1511 or 993-3411.

Jim Sower is looking for a partner in a Long EZ(s) project. He also has a room to rent. 938-8286.

Lark for sale. 1969 Aero Commander 100-180. TTAE 1451, NavCom, ADF, Xponder, 180hp, Asking \$11,650.00. Contact Henry Warner 449-9775.

The World War II Glider Pilots Assn. is looking for WWII glider pilots. If you have any leads, contact Bob Barton 938-7271

Looking to buy / or buy into (partnership) either a C-152 or Piper J3 or equivalent. Contact Roger C. Beyer 662-0579

---

## EVENTS // FLYINS

September 9, Meeting at St. Mt. airport, featuring Hess Bomburger of P51 fame.

October 14, Meeting, featuring Pat Epps and the Greenland P38 recovery project.

October 22, Air Fair at Stone Mountain airport.

December 16, Christmas party.

---

## NOTICE

The 1989 EAA calendars will be for sale at the September meeting.



Clyde Schnars, a resident of Roswell, received the coveted Wright Brothers Award in Dayton Ohio July 22nd. Clyde was one of ten recipients of the award, which is presented each year at the Dayton International Air and Trade Show, for constructing an outstanding homebuilt aircraft.

The 1988 Wright Brothers Award displayed the finest examples of ten different types of homebuilt aircraft. These flying machines gave the Dayton Air Show and spectators a broad cross-section of sport aircraft ranging from the 80 mph Kitfox to the 250 mph Glassair.

Clyde received the award for his SONERAI-III which is a two passenger, low wing design powered by a highly modified VW Engine producing 60 hp. The plane can reach speeds of up to 165 mph, and cruises at 135 mph. The SONERAI is also stressed for aerobatic maneuvers, and has a communication and navigation system. Clyde spent approximately 1300 hours over a 4 year period constructing his airplane and has already started building another high performance aircraft. Besides building airplanes, Clyde has accumulated over 3000 hours of flying time. He holds both an Airline Transport Pilot and Flight Instructor Certificate with Instrument, Multi-Engine, Sea Plane, Glider, and Helicopter ratings.

The award selection process for these aircraft begins in the spring with 100 selected chapters of the Experimental Aircraft Association voting on what they consider the 10 most popular homebuilt aircraft designs. The original designers of these aircraft are asked to select the best example of each respective model. The builder of that aircraft is then invited to attend the Dayton International Air and Trade Show for the all the world to see the product of their craftsmanship.

On the Friday before the air show, the winners attended an awards ceremony at Hawthorne Hill, the Wright Brothers' mansion. Presenting the trophies and Wright Brothers Invitational blue blazers were Ivonette Wright Miller, niece of Orville and Wilbur Wright and Dr. Hans vom O'Hain, the inventor of the gas turbine engine. A tour of Carillon Park was conducted followed by a dinner at the Patterson Homestead. On Saturday and Sunday the builders flew demonstration flights in the air show, and had their aircraft on display.

Homebuilt sport aircraft are generally constructed from plans or a kit. Many of these aircraft incorporate the latest design and technology of systems and materials. Many new advances in aircraft design and systems are the results of innovative homebuilders. After all, the Kitty Hawk, designed and built by the Wright Brothers, was the first homebuilt. Its first successful flight was on December 17, 1903. As you may recall, the Voyager that recently flew around the world non-stop was also a homebuilt aircraft. With the decline of the commercially built aircraft industry the homebuilt movement is becoming a very popular alternative. During construction, periodic inspections by the FAA monitor the construction process to ensure the aircraft's safety and airworthiness. Construction time-frames range from months to years depending on the design and the time the builder has to work on the project. Over the past 30 years the Experimental Aircraft Association has provided thousands of homebuilders with support, education, and assistance in this fascinating hobby.

---

## CHAPTER TOOLS AND SUPPLIES

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

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

=====  
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

---

## DEADLINE

The deadline for material to be included in an issue of the 690 NAV-COM is the 20th of the month before the issue is dated.

---

## Indexes to Light Plane Maintenance (available at Stone Mountain airport)

Squawk Talk  
Prop Survey Results  
Picks and Pans  
Cessna 180 Tails  
Wing Damage Repair Guidelines

Letters - Mobile Oil  
Spark Plug Basics  
Electrode Gap  
Rotation Rules  
Beyond Chrome  
Engine Clinic