

April 1987

**EAA  
690**

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

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

EDITOR: Charles Sego Phone: 404-923-9549

**STONE MOUNTAIN  
GEORGIA**

## **OFFICERS**

John Popp, President  
939-6610

John Henderson, Vice-President  
449-1946

Roy Stoutenburg, Secretary  
981-6041

Frank Wilcox, Treasurer  
469-9323

## **TECHNICAL COUNSELORS**

Ed Booth 921-2907  
Tom Ferraro 923-1849  
Frank Wilcox 469-9323

## **CHAPTER TOOLS & MATERIALS**

Frank Wilcox  
2996 Nappa Trail  
Stone Mountain, Ga. 30087

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

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**TO:**

## SECRETARY'S REPORT OF THE MARCH MEETING

The meeting was called to order by Pres. John Popps. All present were reminded that the dues for renewing members is \$12.00 per year. New members can join for \$1.00 per month; those who joined at the March meeting need pay only \$10.00 for the rest of the year. The secretary's minutes as published in the Nav-Com were approved as written. The Treasurer's report shows a March 1, balance of \$1,571.54.

John Popps briefly discussed the many fly-ins and other events brought to the Chapter's attention via USPS and phone. The publicity releases were placed on the table for all to read. Charles Sego gave us a list of all 1984, 1985, and 1986 Chapter members through Feb. 1987. There are 47 current members plus 4 that signed up during the March meeting for a total of 51 Chapter 690 members. John Henderson and Roy Stoutenburg will take the 1986 list and call those who have not yet renewed to see if they wish to continue their membership. They will report back at the April meeting.

John Kytile mentioned the "NPRM" on the Aeronica Champion model 7 & 8 aircraft. He had copies available for us to read and hopes that all interested will write to the FAA to get this NPRM changed. It affects Aeronica (Champion and Balannca) aircraft with wood spars; how long will it be before the FAA extrapolates this to cover ALL wood spar wings!

Harold Stalcup, AirFair comm. chairman gave a report on the progress to date. We will need 8 large folding tables (or more) plus an EAA publicity booth and a video booth to show the Chapter's many tapes. The JARRS group will be there and the Georgia National Guard. Volunteers will be needed all through the day all are requested to sign up to help.

The Stone Mountain Airport has now been re-zoned to heavy industrial. There is a good chance that the Chapter will be able to fix up the existing old house (on the left as you come in to the parking area) for a meeting and storage area. John Popps will discuss this with the Stone Mountain Airport Board of Directors at their next meeting and report back.

There will be a "Neighbor Day" at PDK June 6th. We are invited to attend, static displays only.

Tom Ferraro, one of our 3 Technical Counselors gave a report on his inspection of Mr. Don Alspaugh's Vari-viggen.

After the break at 9 p.m., Forrest Wilson and Sylvia Cantinella gave a slide show on the "Defiant" project which is well along; a lot of work so far on a really big homebuilt aircraft; 4 place and 2 engines!

There were 44 guests and members in attendance.

Respectfully Submitted,  
Roy Stoutenburg, Secretary

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Thanks to O.V. Scott Jr., for the donation of a complete set of spring type tube benders for our tool bin.



TECHNICAL TIP  
by Ed Booth, Technical Counselor

This months Tech Tip, borrowed from library of the 170 Association parts and maintenance coordinator.

WD-40

For those of you who use WD-40: KNOCK IT OFF! When WD-40 came out, everyone (military and airlines included) thought it was the greatest thing since canned Budweiser.

Time has proven that this is NOT the case and WD-40 is actually corrosive. It builds up, gets gummy and holds moisture over a period of time.

The military and airlines now prohibit its use.

A much better product without the corrosive side-effects is CRC 5-56. This is a great lubricant, a good penetrating oil and is great to wipe on a polished prop to protect it from corrosion. You can also use it on your throttle, carb heat, mixture control cables, etc... another good product for the same purpose, although more expensive is Breakfree CLP.

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AirFair Planning Committee Report

We met at the Gwinnett Co. Airport Saturday Feb. 28. The committee looked through the large hanger to determine best placement for Static Displays and the Breakfast serving area.

Earl Evans (921-3403) plans to use a ground transmitter to guide and control incoming aircraft. We will need a chapter member to man the airport unicom during the morning hours.

Ed Booth (921-2907) is planning to serve 300 breakfasts. He will need the help of all the "Breakfast Experts", who have done so well in the past.

Mac & Donna Forbes (993-3411) are handling the hot dog/drink stand. We have a problem because as yet we don't have a firm count on the expected crowd, and are not sure how much to buy.

We need:

"8 tables"-- if you know of any we can borrow let us know.

EAA Display-- would welcome someone making up a booth or display table for EAA literature and brochures.

Some pickup trucks to haul supplies to & from the airport

THE HELP OF EVERY MEMBER. SIGN UP WITH COMMITTEE  
CHAIRMAN !

Harold Stalcup



## SONERAI IIL N26CS

by Donna Forbes

"A real fun airplane to fly", was the way Clyde Schnars described his Sonerai IIL (low wing).

Clyde began the project in December of 1981, in Bettendorf Iowa. Even though he figures he lost a year due to moving to Atlanta, he logged approximately 1300 hours building time and flew it first on December 28, 1985.

"The Sonerai is an excellent learning project", says Clyde, "since it incorporates welding, sheet metal, fabric and fiberglass techniques and yet, the cost is reasonable".

N26CS features a 60 hp, 1835cc, Hapi engine and a Warnke Almost Constant Speed Prop. Solo performance stats reveal cruise at 75% power is 140-145 mph, while burning 3 to 3 1/2 gph of fuel. Stall speed is approximately 55 mph with rate of climb being 800 fpm. Along with an intercom, the plane also has Terra Nav/Com.

Clyde did 100% of the work himself from fabricating and welding the fuselage to final finish, using the Stitts process totally. His biggest helper was his son John, who is logging dual time with his CFI father.

Modifications made include an enlarged baggage compartment, a complete electrical system with gel cell battery and rear seat instrument panel that hinges with the canopy. Clyde also made the wing mods as suggested by the designer, John Monnett, to stress the wings for aerobatics.

Clyde finds his plane has a solid, stable feel, yet the control response is good. He has a sleek, meticulously built plane, good for many hours of flying enjoyment.





engine oil packaged in the new plastic containers - this also is true for all motor vehicle oil so packaged.

"Several reports have been received (by the FAA) from field personnel, citing foreign material in aircraft engines, entering through the oil system. This material ranges from aluminum foil to plastic. It appears that when oil is added to aircraft engines, occasionally proper care is not taken to insure that the seal material from the cap on the plastic oil container has been completely removed. When not completely removed from the container, this material can enter the oil system during servicing. Extreme caution MUST be taken when servicing aircraft engine oil systems to prevent this contamination by foreign material."

It is also a good policy to wipe off the metal lids of the "old" canned oil before use for the same reason.

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#### CHAPTER 690 CHILI COOK OFF

A roaring success - we counted 35 adults, 8 children and 9 pots of chili at our 1987 gathering.

Judges John Henderson, Ken Sharpe, and Charles Sego, had a difficult time choosing the best entry. a couple of the entants (names not to be mentioned) offered payoa, but our 3 judges were true blue and refused to be bribed. They chose HARRIET STRAND'S as the best chili.

During the festival we "engineered" counters for our EAA stand so it will be more

convenient as a hot dog and drink stand.

Harold Stalcup

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#### REPORT FROM AIRFAIR COMMITTEE

We are moving toward another successful airfair. At this time we still are not sure of crowd size.

I talked with Mike Wall the 1st week in April. He still has not firmed up his mini air show. He also could not estimate the expected crowd size.

We plan to have our last committee meeting Friday April 24th to be sure we have everything covered. At that time we will decide how many people to expect (I will call members to remind of the meeting).

#### Some other Items:

We all need to be thinking about signs and descriptions for the static displays.

After breakfast the tables will be available to use in the display area if needed.

Friday May 8th will be a work date at airport. We Will begin setting up that afternoon around 2:00 p.m.

We need help ! sign up for the areas below;

Breakfast---Ed Booth  
Hot Dog and --Mac & Donna  
Drink Stand Forbes  
Aircraft parking--Earl Evans

Those who are planning on displaying during the airfair may need help with setup transportaion and disassembly. Lets ALL join in and help.



## PROGRAM PRESENTATION

APRIL: Tom Ferraro will speak on Covering and Painting an aircraft. Demonstrate different techniques and equipment.

MAY: AIRFAIR--Lawrenceville airport.

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### SWAP SHOP

Items for sale. send description of items you have for sale or trade for publication in next news letter.

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### FOR SALE

(1.) BORG Electric clock, brand new, Asking \$25.00  
Contact Joel Levine 394-5466.

(2.) GLASAIR TD, 28 TTAF&E, 150 HP, Loran, glideslope, 2 Navs, 2 Coms, transponder, full nite lights and IFR. Walnut burl instrument panel. \$40,000 or best offer, trade, owner will finance with \$10,000 down. Call Gerald Collins (288-7090 or 921-2955)

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### EVENTS // FLY-INS

MAY 9-- Chapter 690 Fly-in event at Lawrenceville Airport. 8 a.m.--4 p.m. for more info. call Harold Stalcup.

MAY 15--17 2nd Annual "May Fly-in" Florence S.C., Display Airshow, Overnite Camping, for more info. call 803-669-5001.

JUNE 6 Neighbor Day at PDK, Airshow, Displays.

SEPT. Labor day--Ole South Fly-in, Rome, Georgia

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## CHAPTER TOOLS AND SUPPLIES

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

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- (1) Nicopress/cable cutter
- (2) Tensiometer 1/8 & 3/32" cable.
- (3) Magneto timing light
- (4) Cylinder base wrenches
- (5) Tubing flaring tool
- (6) Tubing bending tool
- (7) Spring type tube bender
- (8) Compression tester
- (9) Ring compression set
- (10) Spark plug cleaner set
- (11) High tension cable tester

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### EAA Educational Tapes (VHS)

- (1) Welding
- (2) Woodworking
- (3) Composite construction
- (4) Prescott Pusher Demo
- (5) Prescott Pusher Elevator & Trim construction
- (6) Flying over water, Wake turbulence, Winter flying, T.O. & Landing, Basic radio procedure; and Start Up.

\*\* The index to Sport Aviation articles is in and available to the member.

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### TECHNICAL TIP

by Frank Wilcox  
Technical Counselor

This months Tech Tip, borrowed from the International Aviation Mechanics Journal.

### PLASTIC OIL CONTAINERS

Service difficulty reports compiled by the FAA indicate that aircraft owners, operators and mechanics must use extreme care when using (continued on next page)