

February 1982

EAA CHAPTER - 690 gwinnett county, georgia NEWS - COMM

MEETINGS 2ND FRIDAY EACH MONTH AT STONE MOUNTAIN AIRPORT-8:00 P.M.

NO DUES, NO NEWS!

Because of the high cost of mailing the news-letter, this will be the last issue sent to individuals that are on the mailing list but have not paid their Chapter dues for 1982 by the February Chapter meeting. Dues are \$12.00 and can be paid at the Chapter meeting this month or make your check payable to E.A.A. Chapter 690 and mail it to the Chapter

Treasurer: Ed Booth
1505 Black Spruce Road
Lilburn, GA 30247

The following members paid their dues by the January Chapter meeting:

Dennis Balsam	Joel Levine
Larry Bishop	Timothy McNeil
Ed Booth	Michael Peredney
Jim Crunkleton	John Popps
Rex Davis	Ken Sharp
Bill Denis	Harold Stalcup
Jerry Feist	Henry Warner
Craig Gottschang	Matt Willprecht
Delburt Griffin	Gerald Collins
Reinhart Kuntz	William A. Kemper

In addition, the Chapter would like to extend a warm welcome to new members joining the Chapter in January: John M. Henderson, Jr., and John Howe. Welcome gentlemen!

AND THE WINNER IS

Larry Bishop won the EAA "HOW-TO" Sheet Metal vol. 2 manual at the January meeting in a special drawing for those members having paid their Chapter dues by the January meeting.

chapter officers

John Popps, President
939-6610

Dennis Balsam, Vice-President
923-5259

Joel Levine, Secretary
394-5466

Ed Booth, Treasurer
921-2907

EAA INSURANCE PROGRAMS

EAA AIRCRAFT HULL & LIABILITY INSURANCE

Individuals, who are current members of EAA International, are eligible to participate in the EAA Aircraft Hull & Liability Insurance program. For detailed information and/or premium quotes contact:

Kevin Urbine
AVIATION INSURANCE UNLIMITED
P.O. Box 19277
Greensboro, NC 27410
TOLL FREE TELEPHONE 1 (800) 334-0061

ULTRALIGHT INSURANCE

Members of the EAA Ultralight Association are eligible for the following coverages. Please contact the agencies directly for details and premium quotes:

Aviation Insurance Unlimited (Toll-free number (800) 334-0061), Kevin Urbine. Ultralight liability and Flying Site Insurance.

Lightwing Insurance (514) 882-2196, John Robbins. Ultralight Hull & Liability Insurance.

Transport Insurance Agency (214) 526-3876, Frank Ramsey. Ultralight Liability Insurance.

EAA GROUP TERM LIFE INSURANCE

This term life insurance program was designed with you, the aviation enthusiast, in mind. Details can be obtained by calling the program administrator, P.B.A. Inc., at their toll free number, 1 (800) 328-0725. This program has an open enrollment, any current EAA member may apply.

BE AN AUTHOR

If you have any articles or information that you would like to write and pass on to the membership send them to the Chapter Editor:

Rex Davis
3416-B Water Vistas Pkwy
Lawrenceville, GA 30245

This is your newsletter, please use it to distribute information, make known items for sale or wanted, etc.

Sport Aviation Calendars are available through the Chapter for \$3.50. See Ken Sharp to purchase your calendar.

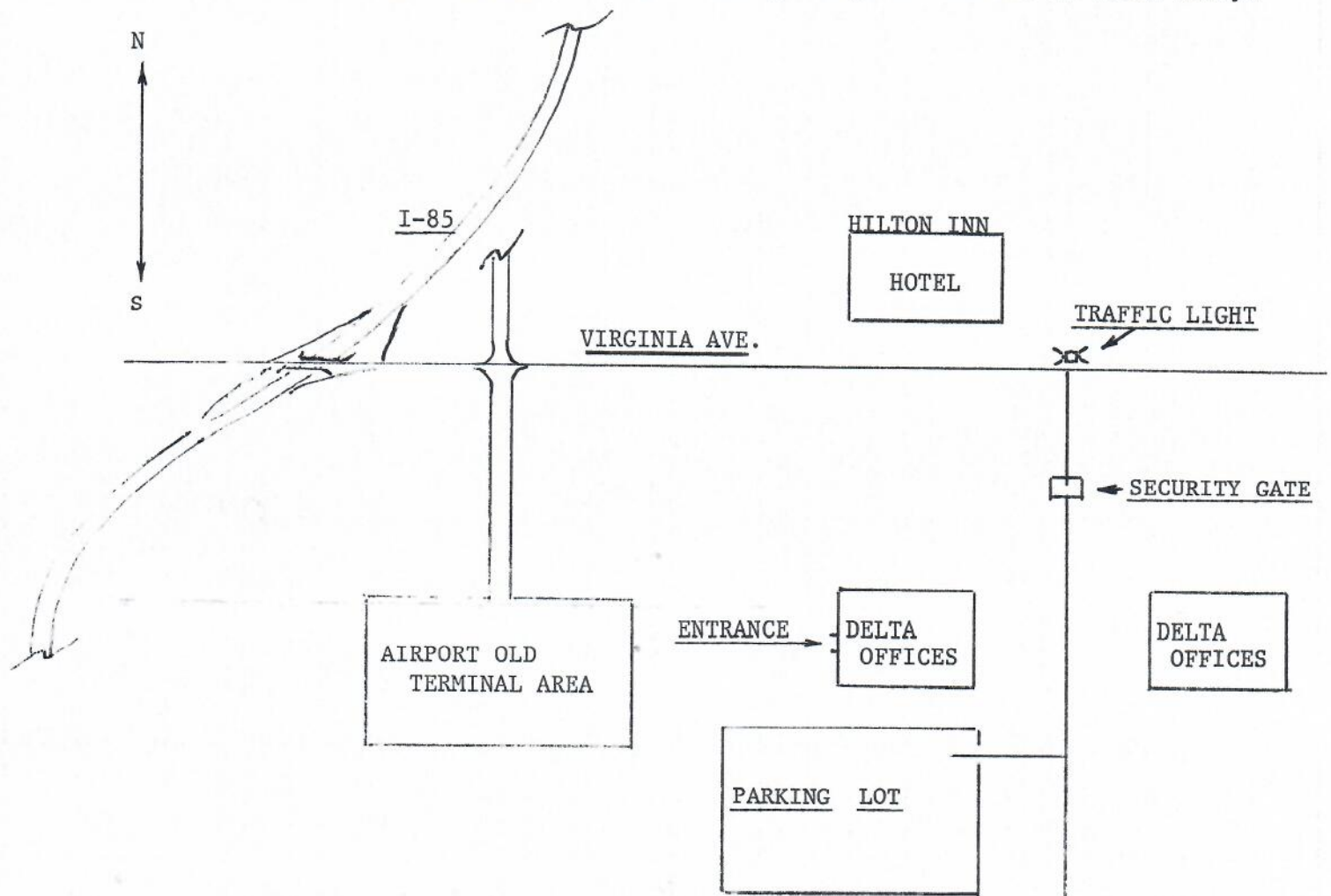
FEBRUARY CHAPTER MEETING

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The February Chapter meeting date has been changed to Saturday February 13, 1982, due to the nature of this months program. This meeting will be at 10:30 a.m. at Delta Airlines. The program will be actual demonstrations in Delta Airline simulators. It has been requested that only Chapter members be participants. Please, no guests or children.

DIRECTIONS and MAP

Take I-85 to Virginia Avenue. Go East on Virginia Avenue to the traffic light near the Hilton Inn. Turn right and go to Delta's security gate. Inform the security officer that you are visiting Mr. George Duncan in the training facility. Go to the parking lot as indicated on the map. Enter the west end of the training building and go to the second floor lobby.



*MEET IN THE PARKING LOT
BETWEEN 10:15 a.m. and
10:30 a.m.

HEADQUARTERS UPDATE

PLANE SENSE

The FAA has updated its excellent publication, **PLANE SENSE**, that was last published in 1976. It deals with subjects such as Buying An Aircraft and describes the paperwork involved such as titles. Other subjects are Aircraft Owner Responsibilities, Aircraft Registration, Airworthiness Certificates, Aircraft Maintenance, Aircraft Maintenance Records, Special Flight Permits, Airworthiness Directives, The Service Difficulty Program, Airworthiness Alerts, Obtaining FAA Publications and Records and a listing of FAA District Offices.

This is an authoritative digest of information for aircraft owners, potential owners, builders, and restorers. Every Chapter should have a copy or copies for members reference.

PLANE SENSE, U.S. Department of Transportation-Federal Aviation Administration publication AC 20-5E (revised 1981) should be available from local FAA offices.

NEW MUSEUM GUIDEBOOK

PUTTING WINGS ON DREAMS is an appropriate name for the EAA Aviation Foundation Museum guidebook because it depicts aircraft that are the realization of the hopes, dreams and labors of past and present day enthusiasts. This colorful publication illustrates the aircraft of the collection with photos specifications and a brief description. It is ideal as preparation for a Museum visit, a souvenir or for the reading enjoyment of those unable to visit in person.

PUTTING WINGS ON DREAMS is available by mail for \$4.95 post paid. Please allow 2-4 weeks for delivery. Wisconsin residents must add 4% sales tax.

CALIFORNIA FLIGHT INSTRUCTORS

EAA Director Bob Puryear has called our attention to a directive by the California Board of Education that would prohibit flight instruction by FAA certificated flight instructors unless they were a part of the faculty of a California approved flight school. The California Department of Education says that 163 flight schools are licensed in the state and 64 of them have gone out of business in the past 3½ years. They cite the competition of independent individual flight instructors as causing these business failures.

According to FAA records there are some 10,000 FAA certificated flight instructors in California. If the Department of Education is successful with their plan to rule that non-approved flight school instructors are "illegal", even though they hold an FAA flight instructors certificate, it will have a very harmful effect on flight instructors in California.

One of the worst aspects of the California Department of Education action is that they are soliciting reports *even anonymously* from those who are willing to report on their friends or acquaintances.

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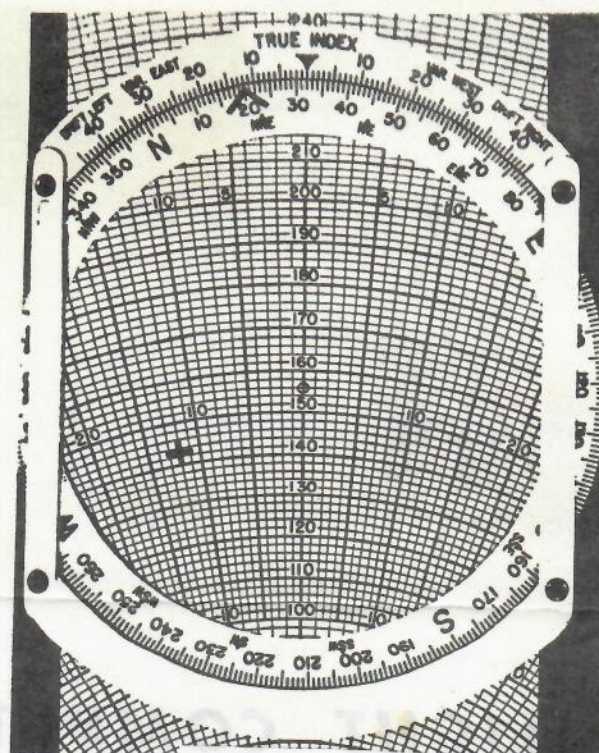


Fig. 22-A

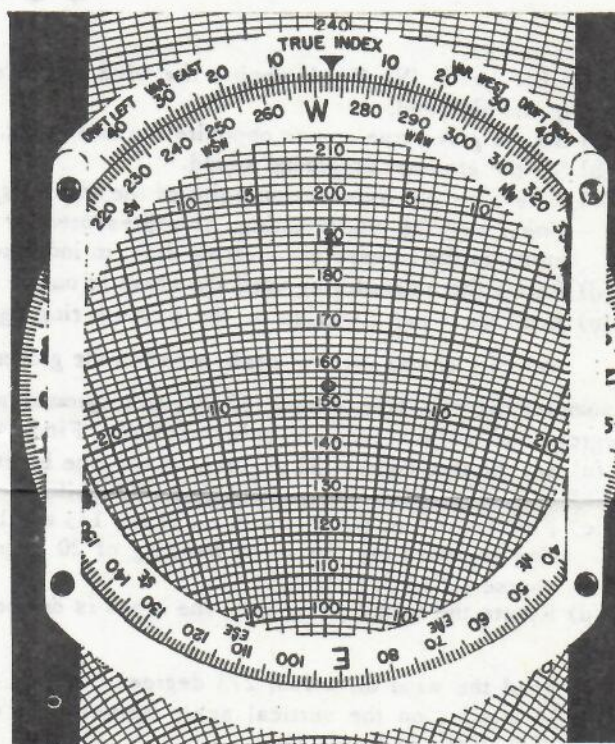


Fig. 22-B

HAVE YOU VOLUNTEERED YET?

The following members have volunteered to present programs at future Chapter meetings: Ken Sharp - BFR Review; Craig Gottschang - Preparation For Flight Testing; Mike Peredney on Ultralights.

Topics tentatively selected for future meetings are: Metal Construction; Self Plane Maintenance; Lockheed Tour; Aviation Medicine;

F.A.A. Films; Accident Prevention/F.A.A.

Volunteers are needed to host and to present these programs or if you have another program which you would like to present please contact Program Chairman, Dennis Balsam at 923-5259.

John Popp
3508 Bowling Green Way
Doraville, Ga. 30340

EAA CHAPTER 690
3416-B Water Vistas Pkwy
Lawrenceville, GA 30245



FLIGHT COMPUTER EXERCISE

see fig. A & B on page 3

PROBLEM TYPE IV: To determine the wind, given true course and ground speed, true heading and airspeed.

- Set the given true course opposite the true index.
- Set the grommet on ground speed.
- Determine the intersection point of the true airspeed, as represented by the curved lines, and the true heading, as represented by the radiating lines. Plot a small cross on the transparent plotting disk, to indicate this point.
- Rotate the azimuth ring until the cross is on the center line, above the grommet.
- Read the wind direction on the azimuth ring against the true index, and the wind velocity on the vertical scale between the grommet and the cross.

Example: Given: True course 32 degrees, ground speed 156 m.p.h., true heading 20 degrees and true airspeed 143 miles per hour. Find: Wind direction and velocity.

- Set the true course, 32 degrees, at the true index.
- Set the grommet over ground speed, 156 miles per hour.
- Plot a cross at the intersection of the 143 m.p.h. air speed circle and the radiating line representing the given heading of 20 degrees. (Heading 12 degrees left of course.) See Fig. 22-A.)
- Rotate the azimuth ring until the cross is on the center line above the grommet.
- Read the wind direction, 273 degrees, against the true index, and the wind force, 34 m.p.h., on the vertical scale between the cross and the grommet. (See Fig. 22-B, Page 3.)

Examples for practice:

- Given a true heading of 203 degrees, true airspeed of 160 knots, true course 210 degrees and ground speed 160 knots. What is the wind direction and velocity?
- Given a true heading of 315 degrees, true airspeed 126 m.p.h., true course 311 degrees and ground speed 126 m.p.h. Find wind direction and velocity.
- The true heading is 100 degrees, true airspeed 150 knots, true course 93 degrees and ground speed 132 knots. What is the wind direction and velocity?
- With a true heading of 180 degrees, true airspeed 140 knots, true course 190 degrees and ground speed 160 knots, what is the wind direction and velocity?