



EAA Chapter 21 **NEWSLETTER**

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March 2006

The Official Newsletter of
EAA Chapter 21
Evansville IN

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Chapter 21 Tentative Schedule of 2006 Events

March 8—Kevin Wilkerson's Rans 6 project - Henderson, KY airport

SHARE A FLIGHT

For those who haven't heard I proposed a new program for our chapter just recently. It is called Share a Flight. We already have quite a list going that represents pilots in our chapter that are interested in this program. My concern is, we have not yet been able to get a list of members interested in flying when the opportunity is presented.

I hope that after I explain how the program works, those members who would like to participate will contact me so we can have a list to work from.

Although I originally thought this list should be for those members that, for whatever reason, were not able to fly, would get a chance to experience flight again. I have decided to expand the list to include any member interested in flying with another member, for such things as being a check pilot for someone if needed for IFR practice. When you contact me, I will need your telephone number and if you are a current pilot.

This program will work by my giving all the pilots who have signed up, a list of those members interested in sharing a ride. It will be the pilot's choice to contact members from the riders list and determine whether a flight can be shared. Some things that may be discussed are weight and balance, flight duration, etc. Those riders who have recently gotten rides may want to inform the pilot of that so others on the list might get a chance to ride. In order for this program to work, it is all about communicating so that everyone interested can experience the wonderful world of flight.

Please don't be shy. Remember you don't have to feel awkward about asking someone for a ride anymore. **THEY ARE GOING TO ASK YOU!**

Contact me at my e-mail address: kschlag67@sigeecom.net or 812-483-0281 Leave a message if I am out. I will return your call.

Keith Schlageter, President EAA Chapter 21

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Question:

All the different instruments with ever so slightly different names that give ever so slightly different information. What I need is a cheat sheet that clearly and concisely explains which is which that I can keep in my wallet.

Answer:

Altimeter: ALT: Displays altitude based on outside air pressure. Must be corrected for barometric pressure and temperature differences to indicate correctly.

Vertical Speed Indicator: VSI: Displays the rate of climb or descent based on the rate of change in air pressure. This instrument lags the actual rate of climb or descent.

Air speed indicator: ASI: This instrument displays the dynamic pressure on the airframe. What it displays is the "speed" at which the airframe "thinks" it is advancing through the air.

Turn Coordinator: TC, turn-and-bank, turn-indicator: This instrument usually has a small aircraft whose wingtip indicates a standard-rate turn. This instrument responds to both yaw (rate of turn) and rate of bank change. It therefore responds more quickly than a Turn-and-Slip Indicator but is "twitchier" in turbulence. These are usually found in newer Spam cans.

Turn-and-Slip Indicator: T&SI, needle-ball, turn-and-bank, turn-indicator:

This is the older rate-of-turn instrument with a vertical needle that indicates rate of turn. Two needle-widths has the pointer under one of the "doghouse" symbols and indicates a standard rate turn. Old timers and ex-military pilots tend to prefer this instrument to the TC even tho' both instruments perform the same function. Perhaps that is because this instrument is more stable in turbulence than a TC.

Inclinometer: "ball":

The inclinometer is found in both the TC and T&SI. Some attitude indicators also have an inclinometer, especially those intended to replace the TC/T&SI. The inclinometer is used to indicate whether or not a turn is coordinated (skid or slip).

Attitude Indicator: AI, artificial horizon, gyro horizon, vertical gyro:

This instrument directly displays pitch and bank angle.

Heading Indicator: HI, DG, directional gyro, gyro compass, horizontal gyro:

Provides stable heading information even in a turn. If not slaved (locked to a magnetic heading source), must be periodically reset as it drifts or "precesses".

That is it for the "six pack". I tried to relate all the names by which the different instruments are known.
Brian Lloyd [AeroElectric-List Email Forum contributor] Article contributed by Earl Schroeder

Minutes of EAA Chapter 21 meeting of members February 9, 2006 held at John Bizal's hangar at Evansville Regional Airport.. About 24 members and guests attended. President Keith Schlageter called the meeting to order at 7:02.

Treasurer Phil Dawes had a report published in the Feb. issue of EAA 21 Newsletter. The ending 1-25-06 balance reported was \$3,406.50. This report was approved by those present. The secretary's minutes of the January meeting was approved as published in the newsletter. One guest was introduced and welcomed.

Old Business: Mike Zeller reported on tools owned by the chapter. These are stored in the chapter room at Skylane Airport. There is a list of the tools at the storage room. A key is kept in the west room of the airport building. Sign the take out sheet when borrowing.

Share-a-flight signup sheet was made available to anyone wishing to participate. Eleven pilots with planes have signed up. Next month we will sign up riders. Pilots will contact riders when opportunities come available.

Daytona trip must be rescheduled to June because all available passes to the behind the scenes tours are filled. April 1 is first opportunity to sign up for these passes. First or second Friday in June is targeted date for this. More later.

Brochures were available and a brief discussion on Winter Flying was made by Larry Helming who attended the FAA Safety seminar at Madisonville, KY. Piloting in our area has more winter weather related flying incidents than those farther north or south. It is wise to fly with caution when conditions are present for icing.

We have heard nothing new about Freedom Festival involvement.

New Business: Share-a-ride to a monthly chapter meeting. Most of our members are growing in age with each month and night driving becomes more of a challenge. Those challenged are encouraged to flag a ride with someone else.

Coming meeting plans: March will visit Kevin Wilkerson's Rans 6 project at Henderson, KY airport.

April will be after SNF to have reports and reviews of what members want to discuss of interest about SNF.

May - undecided.

June – Dayton, OH Air Museum. Freedom Festival involvement. More on these when details become available.

July – Young Eagles according to Greg McMichaels and Bill Casey on new Oshkosh rules.

Aug. – Post Oshkosh reports and discussions.

Sept. – Navion Fly In with picnic at Skylane. 9/29/06 is the date.

A motion was made and approved to close the formal meeting at 7:40. Larry Helming, secretary

Chapter 21 Monthly Balance Sheet
Feb 2006

| | | |
|-------------------|---------------------|------------|
| January 25, 2006 | Beginning Balance | \$3,406.50 |
| | Receipts | |
| | Interest Feb | \$0.67 |
| | Dues – 11X\$15 | \$120.00 |
| | Disbursements | |
| | Dec Newspaper print | -\$51.15 |
| | Feb Office Rent | -\$10.00 |
| | Stamps | -\$39.00 |
| February 25, 2006 | | \$3,426.35 |

Phillip Dawes, Treasurer

Note: \$40.50 in reserve for Bud Starnes Fund

Notice: Dues are now past due.
Please send your dues to

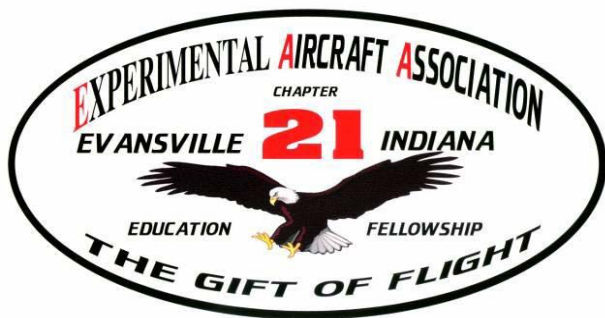
Phillip L Dawes
10505 Hillside Rd.
Evansville, Indiana 47720

You can tell if your dues are due by looking at the label and seeing the four digit number and seeing that is 2006 or higher. Unfortunately we will have to discontinue your newsletter if not received by Mar. 20, 2006.

EAA Chapter 21

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Address Service Requested



Upcoming Chapter 21 Events

**March 8 — Kevin Wilkerson's Rans 6 project
Henderson, KY airport.
7:00 pm**

**Directions from Evansville: Take Hwy 41 South to Hwy 60
West thru Henderson to Hwy 136 West to last stop light.
Airport on left side of road. Project is on north side
of north hanger.**