

Purdue Pilots Inc. meeting
Oct 26, 2010. 7:00 PM. Physics 333

Attendance list is below. Please send corrections to Rick at westerman@purdue.edu

Peter Schumann presided.

Rick Westerman took the notes.

Pre-meeting

We had showed some "Chicken Wings" cartoons. I actually heard a laugh or two.

New certificates/ratings

We had one new member in attendance.

Events

No ASOR meetings lately. The "hanger movies" are coming up, either during Dead Week or the week before. Last year the movie "Polar Express" was shown. ASOR is open to suggestions for this year's movie.

The corn maize called "Exploration Acres" which is south of Lafayette near 65 and Frankfort is fun to fly over.

Maintenance report by Hannis

In the right tank of '862 "fireflies" (aka, rust) have been reported. The LafAv truck had some problems in this regard but we may also be having seal problems. Cost to repair would be \$300-\$500. So we need to keep an eye on it. Pre-flight sump as always and if you find rust then please report it. Water we expect. Rust we do not.

The engine replacement for '394 is still scheduled for around Christmas. We are about 185 hours over but everything continues to look fine. After we replace the engine it will light flying for a while -- mineral oil, 75% power, etc. The cost will be about \$21,500 and will take 3-4 days.

We have a new headset at LafAv. So ask for it the next time you take a friend up.

The DG ijn '862 is traveling again. LafAv suggests replacing the DG. In the meantime use the compass. While we can do without the DG (it is not required equipment) in the officers' meeting after the regular meeting we decided to replace the DG since we would prefer to keep our planes in tip-top shape as much as possible.

Speaking of tip-top shape, in the officers' meeting we talked about replacing the upholstery in the Warrior since it is getting tacky looking. Cost would be, we think, around \$800. Hannis and Grayson will look into this.

Treasurer's report

There were no updates for the regular meeting. In the officers' meeting information was reiterated from a couple of months ago that LafAv is planning to raise our hanger rates from \$150/plane/month to \$200 and our annual inspections by \$150/plane/year. Thus we will probably have to raise our rates by about \$2/hour.

GPS

A large part of the regular meeting and the officers' meeting revolved around the idea of getting a GPS for the Archer. There was lots of discussion and I hope that the following covers the salient points:

WHY GET A GPS?

- (a) Many other planes have them and thus it would be a good experience for us.
- (b) For a monthly fee (about \$30) we can get real-time weather. This would be useful for everyone -- both IFR as well as VFR.
- (c) We could request 'direct' flights from ATC. In other words there would be no need to hop from nav point to nav point when the GPS can give you a direct line to your destination.
- (d) Other navigation aids, albeit potentially out of date, such as runway charts would be available.
- (e) Could make IFR flights better after paying the update fee for the IFR information (about \$30)

IFR VS. VFR CERTIFIED?

Obviously it would be nice to have an IFR certified GPS. In addition to helping out the current IFR pilots it might help more people become IFR pilots and might attract more people to the club. On the other hand an IFR GPS is a lot more expensive. Not only is there an extra monthly expense to keep the IFR information up-to-date but the GPS has to be mounted so that it is guaranteed not to have any interference. That adds to the unit's initial cost in addition to the installation fee. We can get a lot of the benefits of an IFR certified GPS simply by having an IFR capable GPS but not making it the main IFR instrument in the plane. In other words such a GPS could not be used for approaches.

HANDHELD OR NOT?

A handheld GPS would be cheaper and could be moved, albeit with some difficulty, between planes if we ever decide to upgrade. Hannis might be willing to sell us his handheld GPS at a discount. On the other hand a handheld cannot be IFR-certified -- or at least not easily. Handheld units are very nice when they can be yoke-mounted because the screen and controls are directly in front of you. But we can not do this. We need to mount the unit on the panel so that it can not be stolen or lost. However if the unit is mounted too far off to the side then it becomes no longer visible nor useful.

SUMMARY

Peter, Hannis and Grayson will do more research. Other members are welcome to chime in.

Next meeting is Wednesday November 10, 2010 at the usual 7:00 PM in Physics 333. It is our annual business meeting, which we are required to hold in order to keep our legal status.

We need at least 50% of the active (e.g., dues-paying) members to be at the meeting.

Otherwise we will have to keep scheduling meetings until we get 50%. Last year I recall us holding our breath until Old Bob Zink walked through the door and put us over the 50% level. A round of applause! This year I expect Bob to be the first through the door.

At the meeting we will also elect officers for the 2011 year. In order to be eligible you need to be an active dues-paying member. In order to run for President you need to have been a member for at least a year. All positions are open. Don't worry, we won't elect you just because you attend the meeting. But as Peter says, holding an office looks good on a resume. Personally it can be a lot of fun. You get to be on the "inside" making important decisions and making the club strong.

President (runs the meetings)

Vice-president (goes to ASOR, takes over when President can not attend)

Treasurer

Maintenance officer (our liaison to LafAv)

Public relations

Secretary (you too can write up the notes in the style you like!)

Two faculty advisors

PPI attendance list

Date: ___26 – Oct – 2010 ___

___	Adams, George	___	Perry, Sean
___	Ali, Hadi	<u>X</u>	Pomeroy, Brian
___	Beeby, Todd	___	Poudel, Ujjwal
___	Bongrain, Phillipe	___	Schirmann, Michael
___	Budiman, Lynda	<u>X</u>	Schumann, Peter
___	Chan, Spencer	<u>X</u>	Sharp, Scott
___	Clifton, Chris (Bingham)	<u>X</u>	Spivey, Daniel
<u>X</u>	Cooper, James	___	Steding, Grayson
<u>X</u>	Delisio, Luke	___	Tchatchouang, Christelle
<u>X</u>	DeRosa, James	<u>X</u>	Temitope, Toriola
___	Hadimioglu, Eren	<u>X</u>	Thompson, Hannis
<u>X</u>	Huang, Rosemary	___	Turkstra, Jeffrey
___	Jacobson, Sara	___	Visharia, Chintan
___	Juliano, Thomas	___	Wada, Naoki
<u>X</u>	Kulakhmetov, Marat	<u>X</u>	Westerman, Rick
___	Lamont, Warren	___	Wilmes, Adam
<u>X</u>	Leverenz, Larry	___	Zhou, Diany
___	Mallard, John	___	Zink, Bob
<u>X</u>	Makowski, Matthew		
___	Mane, Muharrem		<i>Other people</i>
___	Marlin, Dan		
___	Martinez, Christopher		Russell, Tim
___	Mukundan, Ashish		Magiro, Eric
___	Park, Hwun		Edwards, Bryce
___	Pena, James		