

Purdue Pilots Inc. meeting

Nov 10, 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.

Elections

They were not held due to a lack of a quorum of members. We plan to have them at the next meeting, Tuesday Dec. 7, 2010.

Events

ASOR will be showing "Home Alone" as the "hanger movie" on Dec 9th, 7:00 PM during Dead Week. The movie will actually be shown in a classroom in the new aviation building and not in a hanger.

As a fund raiser, the Aviation student council will be selling hot chocolate around the airport all throughout Dead Week.

Maintenance report

As of 10-Nov, the top latch in 862 is broken. This will be fixed soon.

Seating problems continue in '862; as usual the problem is intermittent. In 394 the pilot seat is having problems with sinking during longer flights. Some suggestions were made with the chief idea being one of making sure that the knob that activates the seat raising/lowering is firmly tightened.

We are still looking into getting 862 reupholstered (about \$800-\$1000); this could also fix the seat problem.

The DG in 862 continues to travel about 1 degree a minute. We need to get this replaced.

In 862 the panel lights around the attitude indicator do not work. Obviously this is only a problem at night. The use of other lights is advised.

There was an unneeded squawk concerning looking into the charging system at low RPMs. No problems were found and LafAv billed us \$36. While problems should always be reported as squawks please use some common sense. The plane's charging system never works at low (800-1000) RPMs. If you are flying at this low of an RPM for an long enough time for the lack of battery charging to be a problem, well, you actually have a much bigger problem (e.g., falling out of the sky.)

Treasurer's report

October was our best month in a long time. We flew 96 hours in the Warrior and 54 hours in the Archer for a total of 150.9 hours for the month. The checking account is robust with \$74,500 of with \$19,600 is available for upgrades. The Archer is still on track for an engine replacement during Christmas at a cost of around \$21,000.

As we have been discussing during the last couple of months, LafAv is planning to raise our rates for hanger fees and inspections. We are now thinking that this will increase our hourly fees by \$3.00. S

GPS in 394

See last meeting's notes for some general discussion in regards to a GPS upgrade.

Grayson reported that he spoke with Indy Aero. A working plan from them would be to purchase an user-friendly Garmin 430 WAAS (\$9,300) and change out the current audio panel for a PM8000 panel (\$1600) . The PM8000 features playback of the last ATC transmission and priority of channels so that you can be dialed into various channels without being concern that you might miss out on an important conversation. We would rip out the ADF and sell off the antenna for about \$300. Leave the glideslope. There would be about \$3800 in labor for a total cost of about \$15,000. The Archer's audio panel could be sold or put into the Warrior.

The 430 is approach certified and thus useful to IFR. The handheld units we talked about last meeting, while capable of doing much (e.g, direct flights, knowledge about airports), are not approach certified and thus they can only help in getting close to the airport but not to the airport itself. Since many airports are becoming GPS approach certified (even those which were not IFR certified before since GPS approaches are cheap) then the 430 could be quite useful for a variety of airports. The yearly subscription for IFR is \$200/year.

However the 430 does not have any weather reporting capability. A discussion ensued on if weather can just be obtained from Flight Services instead of a GPS as well as other alternatives and costs. Eventually we decided to explore the option of putting a handheld GPS into the plane in addition to the 430. Grayson, Peter and other interested people will report back next meeting.

Next meeting is Tuesday, Dec. 7, 2010 at the usual 7:00 PM in Physics 333. It is our second stab at an annual business meeting, which we are required to hold in order to keep our legal status.

At the meeting we will 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 9 months. All positions are open.

PPI attendance list

Date: ___10 – Nov – 2010 _____

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

Note: Phillipe sent his regrets that he could not make the meeting due to a Spanish test. Ole!