



# Illinois Valley Beacon

November

Chapter 563 Chartered in 1976

Volume 20 Issue 11

## It's About Time

The Chapter finally has some recognition on the Mt. Hawaley Airport. One of our Directors has a friend that graciously agreed to create this sign for us. It has been many years since the old Chapter sign blew off in a storm. Let's take one more step and get one made for the front door.



## EAA Chapter 563

### April 11th, 2013 Chapter Meeting Minutes

President Sam Sisk called the meeting to order at 7:04

Secretary Report: Since the minutes from the last meeting was printed in the newsletter and in wanting to save as much time for the speaker for the evening the reading of the minutes was dispensed with.

#### Treasurers report:

Jerry Pilon presented the treasures report showing both month to date and year to date numbers. We are running fairly close to the projected budget for the year.

#### Donations committee:

Greg LePine reported that the Vari EZ sold for \$5,100 on eBay. A round of applause was given to Ron Wright for handling the taking of pictures of the project putting the advertisement for the auction on Ebay and the subsequent sale.

Nominating committee report.

Dick Barthel presented the nominations for officers and directors for 2014. Dick Barthel, Chris Tate and Bill Larson served as the nomination committee. The nomination are as follows:

President	Sam Sisk	Vice
President	Steve Bonfoey	
Secretary	Donald Wolcott	
Treasurer	Jerry Pilon	

Class II Directors Morrie Caudill, Bob Young, Rob Meyer, Jeff Meyer and Greg LePine

Additional nominations will be taken from the floor before voting on the nominations at the November 14<sup>th</sup> Chapter meeting.

Jeff Meyer introduced our speaker for the evening, Captain Brian Rezac.

Captain Rezac is a C130 pilot with the 182nd Airlift Wing at the Peoria Air National guard. Brian was introduced to aviation at a young age. His father was also a pilot with the Air National Guard and Brian got to hang around some neat planes when he was a child. Brian gave us some insight into his experiences in flight training, both civilian and in the military and the different planes that were used for training. Brian also talked about some of his experiences during his deployment to Iraq. His presentation was very entertaining and informative. Brian hung around after his presentation to answer the many questions the members had.

Respectively Submitted;

Your Secretary  
Donald Wolcott

MINUTES OF EAA 563 BOARD MEETING

October 17<sup>th</sup>, 2013 at the Chapter Hanger

Meeting called to order by President Sam Sisk at 6:56 pm

Those Board Members in attendance were Sam Sisk, Jerry Pilon, Al Phipps, Morrie Caudill, Jeff Meyer and Donald Wolcott with one chapter member in attendance.

Secretary report:  
The September Board Meeting minutes were read, motion made to accept by Jerry, seconded by Al Phipps and approved by voice vote.

Treasurer's report: Jerry Pilon provided a report on month to date and year to date income and expenses. Motion to accept by Don, seconded by Al and approved by voice vote

Membership Committee: no report

Publications: No report  
Program Chairman Jeff Meyer stated that he will provide some type of video to show after the voting for officers and directors and the 2014 budget at the November Chapter meeting. It was decided to provide some type of food for this meeting with the intent to entice more members to attend this very important meeting.

Property and safety chair: No report

Public Relations: no report

Old Business: Sam brought attention to the fact that we made an error at the last board meeting. When the motion was made to rent project space to Greg and Ron, the amount of the rent was stated incorrectly. The number included in the motion was \$85 per month but the standing rules state that it is \$90. A motion was made by Jerry Pilon to amend this previous motion to read \$90 instead of \$85, seconded by Al Phipps and approved by voice vote. A member in attendance, Kent Lynch, stated that he was unable to make contact before the meeting with the person that might be able to fill the position of Explorer Post leader but would continue to try and make the contact.  
Jerry Pilon stated that the Chapter Christmas Party

will be the evening of Dec 6<sup>th</sup> at Sazani's. A discussion ensued around how do we get more members to attend this Chapter function. We may need to make phone calls to members to determine how many will attend.

The Financial Audit Committee has been formed. This committee is made up of Dave Cook, Kent Lynch and Dick Barthel. Jerry Pilon will help with providing transaction information from the checking and savings accounts and the computer documents.

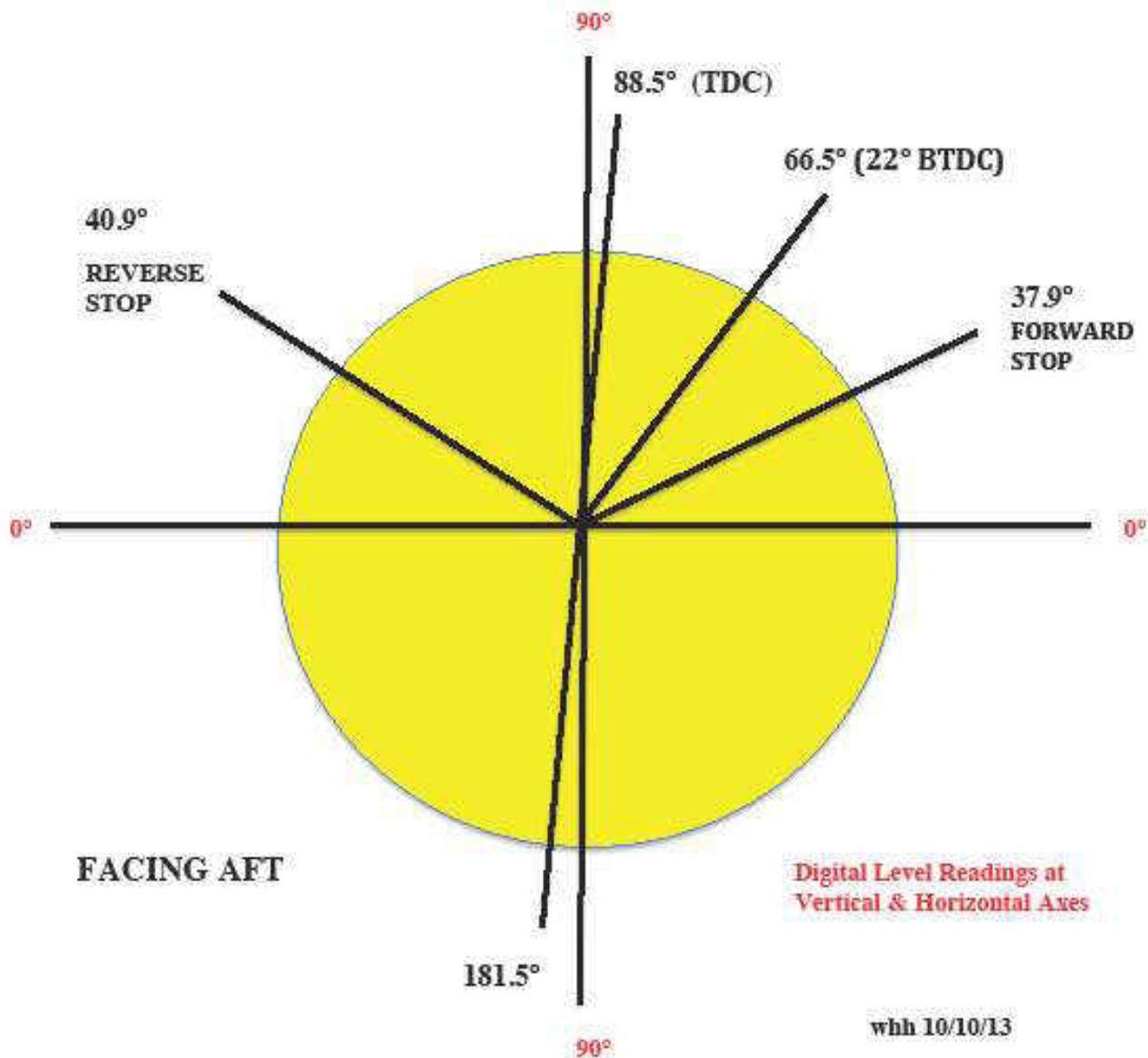
New Business:  
Sam and Jerry had worked hard to provide a framework for the 2014 Chapter budget. After discussion of each of the Budget items a final proposed budget was constructed to be presented to the Chapter members for approval at the November Chapter meeting.  
Meeting adjourned at 8:00

Respectfully submitted:  
Your Secretary Donald Wolcott

## Digital Timing

The digital timing information, on the next page, comes from an old chapter member Bill Hounshall, who owns the most beautiful C-180 in the State of Illinois. There are several ways to time magnetos and this is just one that uses a digital level. Digital levels are very accurate, to a .01 of a degree, and you just have to look at the numbers as you turn the prop. Magneto timing is black magic to some of you but really, it is not. If you help during an annual inspection or if you do your own maintenance work, the digital approach to timing the mags is pretty straight forward and probably more accurate than trying to line up the timing mark with the crack in the case on the bottom of the engine. It is a parallel approach to using the angle card on the spinner with a needle pointing to the angles. With the digital level, you don't have to tap on the needle to be sure it isn't stuck.

Digital is better. Just look at the instrument panel in my OneX. The analog instruments are simulated on the EFIS glass panel, but they only do that for us that can't read numbers.



#### DIGITAL LEVEL TIMING PROCEDURE FOR MY TCM O470R ENGINE

Calibrate Digital Level. Remove six top spark plugs. Position #1 cylinder piston near TDC on compression stroke. Rotate propeller in REVERSE direction to position #1 piston about 90° BTDC. Tape Digital Level on port side propeller blade. Install piston stop plug in #1 cylinder. Gently rotate prop in FORWARD direction until #1 piston contacts stop plug. Record Level reading. Rotate prop gently in REVERSE direction until #1 piston again contacts stop plug. Record Level reading. Note that prop blade with Level mounted will be AT the stop positions.

Total Rotation Arc =  $37.9^\circ + 180^\circ + 40.9^\circ = 258.8^\circ$        $258.8^\circ \div 2 = 129.4^\circ$

**Remove stop plug.** Rotate prop in FORWARD direction until blade with Level mounted is at 88.5° (TDC). This positions OPPOSITE blade at 181.5° - exactly half the arc between 37.9° and 40.9° (129.4°). Rotate prop in REVERSE direction so that blade with Level mounted is positioned about 90° BTDC. Set up Magneto Timing Box and turn Mag Switch **ON**. Gently rotate prop in FORWARD direction. Both Mags should fire at 66.5° (22° BTDC).

Adjust Magneto position/s if necessary and re-check timing. Turn Mag Switch **OFF**.

Guys and Gals,

I am happy to say that we have our Christmas Party booked. See the info below this E-Mail which is a new page on our Web Site. Simply go to our Web Site and notice the temporary Christmas Party Link (flashing).

On that document is a link to the Restaurant's Web site as well. I am looking forward to the party and the great Restaurant.

Jerry Pilon

Well it's time again for our annual **Christmas Party**. We are particularly excited about the event this year because of the choice of restaurant.

The following is what we know as of this date Sept. 26.

**Place:** SAZANI'S Steak and Pasta House 7327 N Galena Road (Old Jill's)  
Peoria, IL 61615 PH: (309) 691-3416 [www.sazanis.com](http://www.sazanis.com)

**Date:** Friday December 6, 2013

**Time:** 6:30 Cocktails, Dinner at 7:00-7:15

**Menu:** We will be eating in the fireplace room which is very nice. The food choices will be from a great buffet which will include RIBS, CHICKEN, FISH, GREEN BEANS WITH BACON, POTATOES, PASTA, DESERT, AND SOFT DRINKS. (more items as well)

**Price:** \$10.99 per person. with tax and tip it will be around \$15.00. (Alcohol Bar drinks not included)

I have eaten at this great restaurant on more than one occasion. Other Chapter members have eaten there as well. We can assure all of our members that the food is nothing short of excellent. Check out their web site. [www.sazanis.com](http://www.sazanis.com)

Jerry Pilon



NOVEMBER 2013  
NOVEMBER | NOVISEM

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
27	28	29	30	31	1	2 First Breakfast
3	4	5	6	7	8	9
10	11	12	13	14 Membership Meeting	15	16 Second Breakfast
17	18	19	20	21 Directors Meeting	22	23
24	25	26	27	28	29	30

The Regular Chapter 563 meetings will be held at the Chapter Hangar at 7:00pm on the second Thursday of each month.

All Chapter 563 breakfasts will be held at the Chapter Hangar from 8:00 am to 10:00 am on the first and third Saturday mornings.

The Chapter 563 Directors meetings will be held at the Chapter Hangar on the third Thursday of each month at 7:00pm.