

Originated February 26, 1948 – Incorporated January 15, 1960

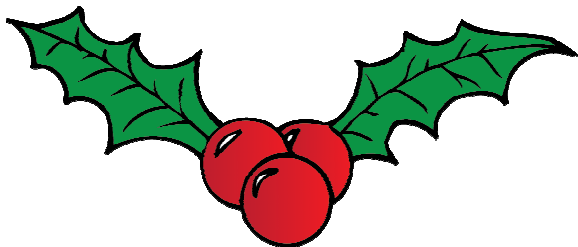
3310 W. Ridge Pike, Pottstown, Pa. 19464

## Regular Monthly Meeting

The December Holiday meeting was held at on Saturday December 10, 2016. Dinner and Drinks at 6:00, followed by Dinner at 7:00 and the meeting immediately following.

## Flyout

The December 18th flyout was weathered out, but stay tuned for the January 31 flyout to KMIV for breakfast and the air museum.



## Amendments to PAOP Constitution and Bylaws

A few amendments have been proposed and agreed to by the Executive Committee. According to our Constitution, these need to be presented in writing to the Executive Committee at least thirty days prior to the regular meeting at which they will be voted on. The following proposed amendments were presented at the August Executive Committee meeting. The Executive Committee has decided to present them for approval at the Annual Meeting on January 26, 2017. Approval requires a two-thirds vote of those present.

Here are the proposed amendments, along with a brief explanation.

### Types of Membership

Several years ago, we stopped using the four classifications that were then in place, but never updated the Constitution accordingly. This amendment updates the document to match our current practice.

### Revise Article 3, Section 1 to read:

#### Section 1. Types of membership

- A. Regular Member
- B. Life Member
  - 1. Voted upon by the general membership.
  - 2. No annual dues required.
  - 3. The President automatically becomes a Life Member upon leaving office.

### Flexibility of Scheduling the Executive Committee Meeting

Instead of the specific wording calling for the Executive Committee to meet on the Wednesday following the regular meeting, the amendment allows the Committee to select a date, still within the same week, convenient to the members.

### Revise Article 4, Section 2 to read:

Section 2. The Executive Committee will meet generally on the first Wednesday after each month's regular membership meeting, or another date agreed to by the members of the Executive Committee or compatible with holidays, etc.

### Number of Directors

At times, it has been difficult to get enough volunteers to fill the six seats on the Executive Committee mandated by the Constitution. This amendment recognizes that at times there may be fewer than six.

### Revise Article 5, Section 2 to read:

- F. Up to Six Directors

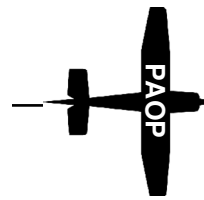
President:  
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Vice President:  
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Secretary:  
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Treasurer:  
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Directors: Dennis Galvin, Barb Zeigler, Eric Forde, Tom Kozel, Mike Sehl (President Ex-Officio)



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### Correct Succession Procedure

Article 5 explains what must be done in the event an officer resigns or is otherwise unable to serve. However, it specifies reference to a rule that doesn't actually exist. This amendment deletes the reference and renumbers the following sections.

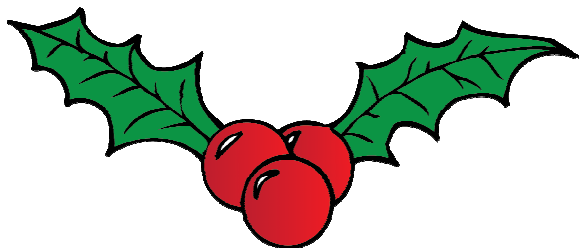
Delete Article 5, Section 4 and Renumber following Sections Accordingly (There is no such thing as "Roberts' Rules of Succession.")

### Change Bylaws Regarding Number of Directors

This changes the Bylaws to agree with the change to number of directors discussed above.

Modify Bylaws, Article VII, Section 5 to read:

### Section 5. Directors



### From the Prez

Those Winter Flying Days

by Tim Drager

12/12/2016

"The weather outside is frightening," so the song goes, but there are some days that make winter flying glorious. A CAVU (Ceiling And Visibility Unlimited) day in the winter is a sight to behold. The details revealed by the clear air and bare trees is awe-inspiring.

Here are the positives to winter flying:

- aircraft climb rates are increased due to the denser air flowing across the prop and wing
- there is less traffic
- the air is often quite clear and beautiful

The negatives are:

- more time spent de-frosting and pre-heating engine. Possible hard starting.
- more turbulence due to high wind speeds and diurnal ground heating
- aircraft seals and tires can sag, requiring more attention

If you are willing to invest a little more time in preparing and pre-flying your aircraft, you will be rewarded with truly memorable flights. Join us on December 18 for one of those flights for our fly-out:

FLY-OUT - December 18 - 10AM to Frederick for Brunch and see AOPA's headquarters. Meet at the KPTW Penn Airways hangar.

### Board Minutes

PAOP Executive Board  
Dec. 1, 2016



Attendees: Tim Drager, John Green, Barry Kerchner, Mike Sehl

President:  
Tim Drager

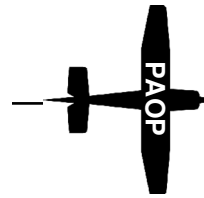
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# Pottstown Aircraft Owners & Pilots, Inc.



December 2016

www.paop.org

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**Secretary Report:** Minutes from the Nov. 2016 meeting were read.

Motion made and carried to approve the minutes.

## **Treasurer Report:** Nov. 2016

Starting balance \$5,331.59

Income \$ \$ 0.00

Expenses \$ \$806.53

Ending Balance \$ \$4625.06

Gain (Loss) \$ (806.53)

## Old Business:

- Changing Constitution and By-Laws: Gene will publish the amendments in the newsletter so that the general membership can read them. We expect to vote on the amendments at the January 2017 Dinner Meeting.
- Erik has the membership booklet at Staples for printing. Gene to make financial arrangements.
- Nominations for Officers:
  - Tim Drager for President, Gene Poppel for Treasurer, John Green for Secretary.
  - Directors: Erik Forde, Barry Kerchner, Laura Poppel, Dennis Galvin...2 director positions remain OPEN.
- Holiday Party: Sat. Dec. 10th @ Sunnybrook Ballroom with menu as provided to the Board. The price includes one complimentary cocktail.
- Motion made and carried to donate 1 PAOP Tee Shirt and a logo magnet for a raffle at the Holiday Dinner. We are looking for a donation of bottle(s) of wine to also raffle.

Contact Tim Drager if you have any items to donate.

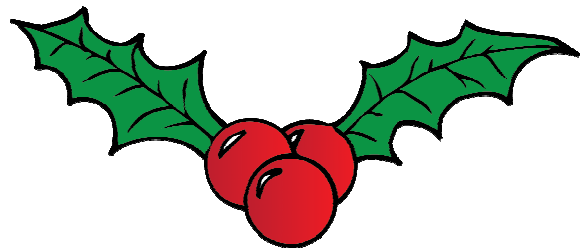
- Mike brought up the possibility of doing a Fly-out to College Park, MD. He discussed what is required to get the necessary permissions for entry into the FRZ surrounding Washington, D.C.

## **New Business:**

- Calendar of events for 2017:
  - January 27th Nominations and Election of Officers
  - April 1st and 8th for Roost cleanup/repairs
  - June 2nd-4th Aviation Camporee
  - Sept. 10th PAOP Fly-In Drive-In Breakfast
- Looking to organize a meet up at Oshkosh July 25th-31st

Motion made and carried to adjourn at 8:00 PM

Respectfully submitted,  
John Green



## **From Mike**

All my life's a circle;  
Sunrise and sundown;  
Moon rolls thru the nighttime;  
Till the daybreak comes around.  
Harry Chapin

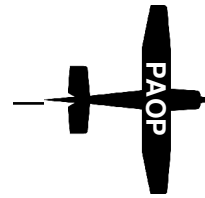
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The earth, the moon, tennis balls, these things are all round, in profile, they are circles. We have traffic circles, and circles of friends. One thing important to those of us who fly small planes in general aviation rely on many things in many shapes. One of the most important of these is the propeller (that's the spinny thing) usually up front.

We check them for nicks and scratches. We look down the tip towards the center and look for the twist. One side is smooth and one side is curvy (technical aeronautical term). To be technical – you can look up things like leading edge, trailing edge, camber and chord, blade angle and the like. But the one thing we count on mostly is when the engine starts and the propeller starts to spin, it goes round and round in a circle.

For being such a simple looking thing, propellers in aircraft are very complex. I am not educated enough in Engineering and Physics to explain all of the forces and dynamics of a modern aviation propeller, but one area is of interest to me, and it is something that tests the understanding of many people, pilots and non pilots alike.

We pilots know our horsepower, our best climb speed, our glide ratio, and our stall speed. We know a lot about our plane, but I wonder how many of us can tell you how fast your propeller is? Sure you say that's easy, our top engine speed is 2800 revolutions per minute so the fastest my propeller will go is two thousand eight hundred revolutions per minute. Partially correct, but how fast will that make the propeller, maybe fly through the air at 115 miles per hour?, Well that's partially true – that's how fast the propeller may be moving forward at the front of the airplane. But, how fast is the tip of the wing going out there at the end of your propeller. It might not surprise you

pilots, but the next time you are taking a non pilot along, ask: “how fast do you think the propeller is?”

Here's an example from my research: to calculate how fast the tip of your propeller is travelling: Multiply Pi (3.14159) times the diameter of the propeller in meters (for example 72 inches = 1.83m) by n (or the angular velocity (rpm) of 2600. You get  $1.83 \times 2600 = 14947.7$  meters per minute (896.9 kilometers per hour) kph. That's fast, even if you have to do the conversion to 'Merican numbers. According to one author the tip speed is between .88 and .92 MACH (The speed of sound). So the next time you are hanging around and someone asks how fast your plane is, you can tell them it approaches Mach 1.

You engineers are invited to write in and clarify or correct this article.... It is appreciated

Mike Sky-Hawk Sehl

President:  
**Tim Drager**

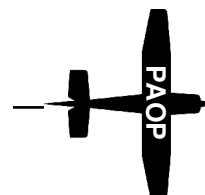
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## Tentative 2016 PAOP Event Calendar

Date	Event	Comment
1/6/16	Board Meeting	
<b>1/28/16</b>	<b>ANNUAL Meeting (Including Elections &amp; Speaker)</b>	<b>Copperfield Inn at Lakeside</b>
1/31/16	Flyout— Millville (KMIV) Brunch	
2/3/16	Board Meeting	
<b>2/25/16</b>	<b>Monthly Meeting</b>	<b>Copperfield Inn at Lakeside</b>
2/28/16	Flyout— Sky Manor, Pittstown.NJ (N40)	Brunch
3/2/16	Board Meeting	
3/20/16	Flyout—Smoketown, PA (S37)	Breakfast and Old Plane Collection
<b>3/31/16</b>	<b>Monthly Meeting</b>	<b>Copperfield Inn at Lakeside</b>
4/6/16	Board Meeting	
4/??/16	Cleanup	Roost 9AM
4/24/16	Flyout— Sky Acres Millbrook, NJ (44N)	Brunch
<b>4/23/16</b>	<b>Monthly Meeting</b>	<b>AOPA Presentation</b>
5/4/16	Board Meeting	
<b>5/13-15/16</b>	<b>Scouts at PTW</b>	<b>Roost</b>
<b>5/14-15/16</b>	<b>99's Pennies a Pound at PTW</b>	
<b>5/26/16</b>	<b>Monthly Meeting @ The Roost</b>	<b>Steak</b>
5/21/16 (Sat)	Flyout— Grimes, Bethel, PA (8N1)	Golden Age Museum
6/1/16	Board Meeting	
6/26/16	Flyout— Kentmorr Marina, Stevensville, MD (3W3)	Crabs!
<b>6/30/16</b>	<b>Monthly Meeting @ The Roost</b>	<b>Chicken*</b>
7/6/16	Board Meeting	
<b>7/28/16</b>	<b>Monthly Meeting @ The Roost</b>	<b>Steak</b>
7/31/16	Flyout— St. Michaels, MD (Fly to Easton, MD)	Lunch and Maritime Museum
8/3/16	Board Meeting	
8/25/16	Monthly Meeting @ The Roost	
8/28/16	Flyout— Massey Aerodrome, Massey, MD (MD1)	Massey Air Museum
9/7/16	Board Meeting	
<b>9/11/16*</b>	<b>Annual Fly-In/Drive-In Breakfast</b>	
9/25/16	Flyout—Sullivan County, Monticello, NY (KMSV)	Brunch at the New Restaurant
<b>9/29/16</b>	<b>Monthly Meeting @ The Roost</b>	<b>Lobster (and optional steak)</b>
10/5/16	Board Meeting	
<b>10/27/16</b>	<b>Monthly Meeting</b>	<b>Copperfield's, Limerick</b>
10/29/16 (Sat)	Flyout— Cherry Ridge, Honesdale, PA (N30)	Brunch
11/2/16	Board Meeting	
11/27/16	Flyout— South Jersey Regional, Mt. Holly, NJ (KVAY)	Brunch and Air Victory Museum
<b>11/17/16</b>	<b>Monthly Meeting</b>	<b>Copperfield's, Limerick</b>
12/7/16	Board Meeting	New Slate of Officers
<b>12/10/16</b>	<b>Monthly Meeting – Christmas Party</b>	<b>Sunnybrook Ballroom, Pottstown</b>
12/18/16	Flyout— Frederick, MD (KFDK)	
1/4/17	Board Meeting	New Slate of Officers
<b>1/26/17</b>	<b>ANNUAL MEETING and Election of Officers</b>	<b>Copperfield Inn at Lakeside</b>
1/29/17	Flyout— Greenwood Lake, West Milford, NJ (4N1)	Brunch and a visit to a Constellation

\* Steak is also available at these meeting

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