

Originated February 26, 1948 – Incorporated January 15, 1960

3310 W. Ridge Pike, Pottstown, Pa. 19464

Regular Monthly Meeting

DOGS AND BURGERS—AND MORE DOGS

Yes, this month PAOP is going to the dogs. Our August 31 dinner meeting features summer outdoor fare—hamburgers and hot dogs, cooked over our expansive charcoal grill. We'll bring the food, you do the cooking. There will be fresh, sweet corn on the cob, too. And it's all for only \$10.

But wait, there's more. Paul Steklenski will be joining us to talk about his work in rescuing dogs from euthanasia, and transporting them by plane to places where they can be adopted. Paul is founder (and many other things) of Flying Fur Animal Rescue.

As always, we appreciate any appetizers, sides, or desserts you would like to bring. Generally we enjoy a refreshing beverage and fellowship as we gather, starting around 1800, with dinner starting about 1900.

Reservations are important, so we can buy the food we'll need. Please R.S.V.P. to Gene Poppel (610-647-1332) or genepoppel@comcast.net by Tuesday, August 29.

Flyout

BRUNCH AND MAYBE A MUSEUM

It's a lovely flight to the Delaware Coastal Airport in Georgetown, DE (KGED), home of the Delaware Aviation Museum. It's not that near the coast, but they're entitled to call it what they wish; it was formerly Sussex County Airport. This late summer trip will take us down the heart of Delaware, even affording a

look at some very big, grey planes at Dover AFB.

On Sunday, August 27, we'll fly for brunch at Arena's Deli and Bar. In addition to their regular menu, they have an all-you-can-eat brunch buffet. We should be there in under an hour from Heritage Field. After brunch, we can enjoy a visit to the museum, home of many WW-II aviation artifacts, memorabilia, and displays. See www.delawareaviationmuseum.org for more info.

We'll gather at Penn Airways at 0930 for 1000 takeoff. Take a non-pilot or a student along, for an introduction to the world of general aviation—the fun and camaraderie. Contact Gene Poppel (610-647-1332 or genepoppel@comast.net) and let him know if you'll need a ride or have seats available in your plane.

From the Prez

Corrosion, the Hidden Enemy by Tim Drager August 14, 2017

Corrosion is caused by movement of electrons. It makes no differentiation between a 1957 Cessna 182 or a 2003 Beechcraft. Why, you ask? This article will highlight some ideas you may want to apply to your aircraft.

The key factors in aircraft corrosion are:

- Design
- Environment
- Maintenance

DESIGN

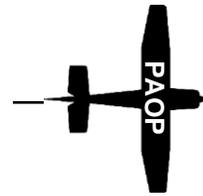
President:
Tim Drager

Vice President:
Mike McNamara

Secretary:
John Green

Treasurer:
Gene Poppel

Directors: Dennis Galvin, Andy Landis, Bob Nesspor, Eric Forde, Tom Kozel, Mike Sehl (President Ex-Officio)



Originated February 26, 1948 – Incorporated January 15, 1960

3310 W. Ridge Pike, Pottstown, Pa. 19464

At the factory, aircraft manufacturers design with three key factors related to corrosion:

- Materials
- Moisture prevention and removal
- Interior design

Alclad: The vendor may have chosen Alclad (a thin pure aluminum coating on top of aluminum), which quickly corrodes, leaving aluminum oxide, a highly corrosion-resistant layer. Or, they may have sprayed Zinc Chromate, A highly corrosion-resistant paint. Or they may have chosen to provide no corrosion protection.

Smoking rivets. Stress and corrosion can cause rivets to "smoke" or move. A black residue around a rivet is a tell-tale sign that you need to address this bad habit.

Bolts: A steel bolt through aluminum can cause "dissimilar metal" corrosion. If the cadmium coating of the bolt gets scratched through the torquing process, corrosion will follow. Spars need to be carefully inspected for this issue.

Interior Design:

Bad things: Moisture-trapping materials like cardboard, used in Piper Cherokee floorboards, absorbs moisture. Tar, glue, foam and fiberglass will eventually be penetrated, flake and trap moisture, holding it against aluminum skins, causing inside-out holes to appear.

Avoid bromate, a fire-retardant salt, in interior panels. If it contacts metal, it will corrode.

Good things: Drain holes will allow for water and vapor to escape. They can be legally added to your aircraft. Well-designed door and window seals will keep the water out. The Piper door seals are sometimes directly exposed to weather, so a double-lip seal was

designed to aid in diverting the water down and away from the door frame.

ENVIRONMENT

Ocean chloride and acid contained in rain, dew, condensation, or high relative humidity (RH) air can contribute to atmospheric corrosion. When the air is moist, all aircraft, hangared or not, may be coated inside and out with water molecules. The key is to seal and de-humidify (almost impossible) or ventilate your aircraft. I recently decided to always keep my vents open. Your engine is subject to corrosion. Phillips sells a low-cost anti-rust oil that, when mixed at 10% ratio, will reduce engine corrosion in infrequently-flown engines. Cam Guard is a corrosion-reducing engine additive, but costs \$20/pint vs \$25/gallon for the Phillips anti-rust oil. The down-side of the Phillips oil is that it is not ashless, which may increase engine deposits.

MAINTENANCE

Inspect the nooks and crannies, remove dirt lying in the fuselage nether-regions. Dirt traps moisture and residue, both of which cause corrosion. Address corrosion in a timely manner. If an aircraft part is serviceable and non-structural, a corrosion preventative oil like ACF-50 can be sprayed. It neutralizes corrosion for a couple of years.

As mentioned previously, drain holes need to be checked and cleared of debris. New holes can be drilled at low points where water can accumulate. This takes me back to my Cessna T210 pre-buy inspection. When we pulled it out of the hangar, a gallon of water came gushing out of the wheel wells. I should have passed on that aircraft because it had some

President:
Tim Drager

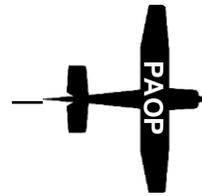
Vice President:
Mike McNamara

Secretary:
John Green

Treasurer:
Gene Poppel

Directors: *Dennis Galvin, Andy Landis, Bob Nesspor, Eric Forde, Tom Kozel, Mike Sehl (President Ex-Officio)*

Pottstown Aircraft Owners & Pilots, Inc.



August 2017

www.paop.org

Originated February 26, 1948 – Incorporated January 15, 1960

3310 W. Ridge Pike, Pottstown, Pa. 19464

significant corrosion. I spent \$4,000 on a corrosion repair, with more on the horizon before I sold it.

Door and window seals must be replaced, or they will harden and leak. An added benefit of tight door seals is lower wind noise.

What's next? I propose that PAOP aircraft owners pitch in buy an ACF-50 fogging equipment and fog their aircraft every couple of years. It's fairly easy to remove wing tips, inspection panels and rear bulkheads and prevent corrosion in your aircraft. ACF-50 is Mil-Spec approved for use in GA aircraft and will not harm existing lubricants, electrical connectors or plastics.

Tim

Board Minutes

PAOP Executive Board Meeting

Aug 3, 2017



Attendees: Tim Drager, Mike Sehl, Gene Poppel, Laura Poppel, Barry Kerchner, John Green

Secretary Report: Minutes from the July 2017 meeting were read. Motion made and carried to approve the minutes.

Treasurer Report:	July 2017
Starting Balance	\$ 4,892.81
Income	\$ 258.00
Expenses	\$ <u>-1,693.83</u>
Ending Balance	\$ 3,456.98
Gain (Loss)	\$(1,435.83)

Motion made and carried to accept the treasurer's report.

Dinner meeting hosted 15 members, netted \$131.72.

Old Business:

- Flyer's Roost lease: Letter from executors read. Mike covered the discussions with the attorney and reviewed the proposed lease agreement. There remains some language that needs discussion with the owners, but overall looks agreeable to the board, with minor modifications and clarifications.
- Discussion on ways to increase membership, including a new Director of Marketing, Sponsorship, and Media. Tim Drager to start making contacts to try and get this moving forward. We discussed asking the flight instructors to mention PAOP and hand out the newsletter, also discussed free one-year membership for students. Tim made a small response card to hand out to students and tenants. Tim will discuss with James Rouiller to ask Fly Elite instructors to mention possible memberships and benefits of joining PAOP. Mike has drafted a letter to be sent to local schools as an invitation to STEM teachers to either come visit us or for us to meet with them. **OPEN**

President:
Tim Drager

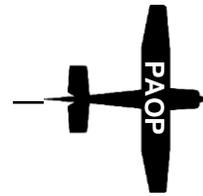
Vice President:
Mike McNamara

Secretary:
John Green

Treasurer:
Gene Poppel

Directors: Dennis Galvin, Andy Landis, Bob Nesspor, Eric Forde, Tom Kozel, Mike Sehl (President Ex-Officio)

Pottstown Aircraft Owners & Pilots, Inc.



August 2017

www.paop.org

Originated February 26, 1948 – Incorporated January 15, 1960

3310 W. Ridge Pike, Pottstown, Pa. 19464

- Discussion on creating a new Director of Youth Outreach, to make connections through Vo-Tech schools, community colleges, and the Hill School. **OPEN**
- Discussion on expanding PAOP presence on Facebook to improve our social media exposure. **OPEN**
- Flyers Roost task list:
 - New roof on the shed-Erik and John-plywood and corrugated steel roofing. \$300 approved expense. **OPEN - Need more time**
 - Power wash the pavilion to remove the loose paint **completed**, plan to organize a painting party on Friday, August 4, 2017. Have Pizza and beverage. RSVP to Mike Sehl. Put in newsletter and Yahoo groups. **OPEN**
 - Open windows (2 more downstairs) and Barry is installing window latches. **OPEN**
 - Add lettering to PAOP sign for our web address-Mike Sehl. By Sept 10, 2017 **OPEN**
 - Flooring in the Roost-Barry has priced it at about \$400 for laminate flooring. **Postponed**.
 - Pavers around food prep area-John Green to donate leftover pavers from his yard. **OPEN**
- Fly-In Breakfast: Laura covered past year's numbers. She ordered enough for 500 from Benjamin foods. 8 football hams, 5 cases of eggs, 7 cases of OJ, 24 bags of pancake mix, 2 cases of butter cups, 4 gallons syrup, 2 cases of creamers.
- Jayne Taylor joined us from Quakertown Pilots Association. Spoke about working with Young Eagles and trying to get assistance from PAOP to help with flights. Also spoke about having Young Eagles alternate between QPA and PAOP.
- Looking to schedule a painting party for after the breakfast, time frame of September 16.

Motion made and carried to adjourn at 8:35 PM

Respectfully submitted,

John Green

From Mike

The Pancake Breakfast

“The first Fly-in Breakfast took place on July 26, 1953. From all directions they came, old planes, new planes, self-made planes, swooping down from the skies onto the airport landing strip.”(1.) I was only seven years old at the time and lived in Vineland New Jersey and not thinking about airplanes, aviation or even a far off place called Pottstown.

They hosted 42 airplanes and fed 130 customers on that auspicious day. Since then, it has been a successful event that many in the community look forward to driving to and many in the aviation community look forward to enjoying while at the same time showing off

President:
Tim Drager

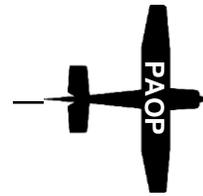
Vice President:
Mike McNamara

Secretary:
John Green

Treasurer:
Gene Poppel

Directors: Dennis Galvin, Andy Landis, Bob Nesspor, Eric Forde, Tom Kozel, Mike Sehl (President Ex-Officio)

Pottstown Aircraft Owners & Pilots, Inc.



August 2017

www.paop.org

Originated February 26, 1948 – Incorporated January 15, 1960

3310 W. Ridge Pike, Pottstown, Pa. 19464

their airplanes. ‘The 1981 even set the record never equaled in local fly-in breakfasts. There were 1,461 persons served. The greatest number of planes coming in to the Pottstown-Limerick (now Heritage Field) Airport for a fly-in was 415 in 1980.’ (2.)

In 2017 the popularity of fly-in and drive-in Breakfasts at airports has grown to the point that from springtime to late fall you can usually find an airport to fly to for breakfast, airplanes and good people. Each organization tries to make their breakfast distinctive and appetizing, while at the same time supporting aviation or other community interests. The PAOP breakfast is a major fundraiser for the not-for-profit Pilots Association to support its activities for the year.

In the early years of the Breakfast, Amy Renninger, wife of President Gabby Renninger led the members with serving Home Fries at the breakfasts. Her secret was parboiling the potatoes the day before, then the volunteers had to skin and cut them up for frying. They were reported to be the best home fries anywhere.

My lovely wife, Suzanne and I have only been around the organization since about 1990. In fact our first exposure to the Pilots Association and the Breakfast was before I was a licensed pilot and we had such a good time, we came back, again and again. I have served on the Executive Committee with many other people who have dedicated a lot of personal time to the organization and aviation. I had a three-year run as President, which was fun and rewarding. But I think the most fun of all comes with working and helping out at the Breakfast. Cooking Pancakes, Serving Guests, Parking Airplanes, Parking Cars, watching the people, - it’s all just rewarding to be a part of.

And it’s all done with volunteers. That’s where you come in, and your family, and your close friends. We need you to help set up on Saturday September 9th, We need you to arrive at the Roost early Sunday morning September 10th, and take whatever job is necessary until the last Guest has eaten and the last plane takes off. Then we just have to break it down and put everything away. So – there’s a job for everyone.

There should be some old time pictures to go along with this article in the newsletter, so enjoy and mark your calendar. We want to be sure all of our guests have as much fun as we do.

Mike “Sky-hawk” Sehl

Note: The quotes above (1) and (2) as well as the pictures are lifted from the History of PAOP, and the story of the Flyers Roost which you can read in full on the website “www.POAP.ORG”

President:
Tim Drager

Vice President:
Mike McNamara

Secretary:
John Green

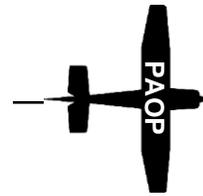
Treasurer:
Gene Poppel

Directors: Dennis Galvin, Andy Landis, Bob Nesspor, Eric Forde, Tom Kozel, Mike Sehl (President Ex-Officio)

Pottstown Aircraft Owners & Pilots, Inc.

Originated February 26, 1948 – Incorporated January 15, 1960

3310 W. Ridge Pike, Pottstown, Pa. 19464



August 2017

www.paop.org

PAOP Clothing for Sale

The club has tee shirts and hats for sale.

Tee shirts:

Front



Back



Hats:



Contact Dennis Galvin if you're interested in obtaining any of these items

President:
Tim Drager

Vice President:
Mike McNamara

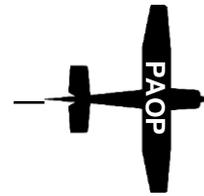
Secretary:
John Green

Treasurer:
Gene Poppel

Directors: Dennis Galvin, Andy Landis, Bob Nesspor, Eric Forde, Tom Kozel, Mike Sehl (President Ex-Officio)

Pottstown Aircraft Owners & Pilots, Inc.

August 2017



www.paop.org

Originated February 26, 1948 – Incorporated January 15, 1960

3310 W. Ridge Pike, Pottstown, Pa. 19464

Tentative 2017 PAOP Event Calendar

Date	Event	Comment
1/4/17	Board Meeting	New Slate of Officers
1/26/17	ANNUAL MEETING and Election of Officers	Copperfield Inn at Lakeside
1/29/17	Flyout— Frederick Md. KFDK	Brunch
2/2/17	Board Meeting	
2/23/17	Monthly Meeting	
2/26/17	Flyout—Sky Manor, Pittstown, NJ	Brunch
3/2/17	Board Meeting	
3/26/17	Flyout—Smoketown, PA	Breakfast and Old Plane Collection
3/30/17	Monthly Meeting	Copperfield Inn at Lakeside
4/6/17	Board Meeting	
4/??/17	Cleanup	Roost 9AM
4/27/17	Monthly Meeting	AOPA Presentation
4/30/17	Flyout— South Jersey Regional, Mt. Holly, NJ (KVAJ)	Brunch and Air Victory Museum
5/4/17	Board Meeting	
5/6-7/17	99's Pennies a Pound at PTW	
5/25/17	Monthly Meeting @ The Roost	Steak
5/27/17 (Sat)	Flyout— Sky Acres, Lagrangeville, NY (44N)	Brunch
6/1/17	Board Meeting	
6/25/17	Flyout— Kentmorr Marina, Stevensville, MD (3W3)	Crabs Feast!
6/29/17	Monthly Meeting @ The Roost	Chicken*
7/6/17	Board Meeting	
7/27/17	Monthly Meeting @ The Roost	Steak
7/30/17	Flyout— Cape May, NJ (KWWD)	Lunch, NAS Wildwood Museum
8/3/17	Board Meeting	
8/27/17	Flyout—St.Michaels, MD (Fly to Easton, MD)	Lunch and Maritime Museum
8/31/17	Monthly Meeting @ The Roost	
9/7/17	Board Meeting	
9/10/17*	Annual Fly-In/Drive-In Breakfast	
9/23/17	Flyout— Sullivan County, Monticello, NY (KMSV)	Brunch
9/28/17	Monthly Meeting @ The Roost	Lobster (and optional steak)
10/5/17	Board Meeting	
10/26/17	Monthly Meeting	Copperfield's, Limerick
10/28/17 (Sat)	Flyout— Cherry Ridge, Honesdale, NY	Brunch
11/2/17	Board Meeting	
11/26/17	Flyout— Wyoming Valley, PA (WBN)	Brunch
11/30/17	Monthly Meeting	Copperfield's, Limerick
12/7/17	Board Meeting	New Slate of Officers
12/9/17	Monthly Meeting – Christmas Party	Sunnybrook Ballroom, Pottstown
12/17/17	Flyout— Ocean City, NJ (26N)	Brunch
1/4/18	Board Meeting	New Slate of Officers
1/26/18	ANNUAL MEETING and Election of Officers	Copperfield Inn at Lakeside
1/28/18	Flyout— Millville, NJ (KMIV)	Brunch

* Steak is also available at these meeting

President:
Tim Drager

Vice President:
Mike McNamara

Secretary:
John Green

Treasurer:
Gene Poppel

Directors: Dennis Galvin, Andy Landis, Bob Nesspor, Eric Forde, Tom Kozel, Mike Sehl (President Ex-Officio)