

# WFC Flyer



The Williamson Flying Club visits the Piper Aviation Museum in Lock Haven, PA, July 28, 2018 (Tom Carter)

## Important Dates:

**General Meeting**  
August 9, 2018  
7:00 pm, Clubhouse

**Board Meeting**  
September 6, 2018  
7:00 pm, Clubhouse

**General Meeting**  
September 13, 2018  
7:00 pm, Clubhouse

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## Williamson Flying Club

## August 2018

### From the President's Desk by Mike Malec



### EAA AirVenture Oshkosh 2018

It has been eight years since I last attended EAA AirVenture in Oshkosh, so I went this year to see how the event has changed over the years. The flights, accommodations, and transportation from and to the airport were arranged by Norm Isler from EAA 44. This package made the trip easy considering a large number of people attending the show (601,000), and the limited rooms available in Oshkosh.

As expected, military, GA, and commercial

aircraft were displayed as well as some new and different "air vehicles". A strong emphasis on electric aircraft and helicopters were shown as Personal Aircraft, Passenger Drones, or Flying Taxis to be used as commuter aircraft. The production model of the Terrafugia flying car was present and deliveries will be taken in 2019. Flying car development was not limited to small startup companies, Airbus is developing a short-ranged, urban electric personal drone called Vahana.

A "uniquely different" flying car is a concept called Switchblade that utilizes a motorcycle platform for the car. The wings rotate out of the bottom of the car and the tail slides out of the back. The styling is what sets this flying car away for the rest. With initial test flights taking place in the next month, it will be seen if this idea becomes viable.

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### Williamson Flying Club

Williamson-Sodus Airport (KSDC)  
5502 State Route 104  
Williamson, NY 14589

Find us on the web at:  
[www.williamsonflyingclub.com](http://www.williamsonflyingclub.com)

### Board of Directors

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Medical Advisor: Dr. Pam Tarkington

## From the President's Desk by Mike Malec

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*It appears that the EAA is aware of the airport reclassification issue and Senator Inhofe is willing to get more information about our situation. We now have a contact within Senator Inhofe's office and we will be discussing this issue further.*

### Aviation Quote:

"An airplane stands for freedom, for joy, for the power to understand, and to demonstrate that understanding."

Richard Bach

### Flying Clubs and Airports

AOPA held a flying club meet and greet where members of flying clubs and people who want to start a flying club could get together. I met several people who want to start a flying club and the common thread was that they don't know what is involved. Fortunately, AOPA provides resources to establish a good financial and legal foundation to get a club underway.

A speaker from the AOPA surveyed the audience for the club who has the most members. It turned out that a club in California has over 1800 members! Very impressive and a good source for any club to get information for running a large organization. I spoke with two of the members and they do have some unique diffi-

culties and they are willing to share information with our Club.

I attended a government Town Hall meeting with Jack Pelton (EAA Chairman), Mark Baker (AOPA President), and Senator James Inhofe (R-Oklahoma). During the Q&A portion of the session, I asked about the unfair airport reclassification requirements that inhibit our airport from receiving FAA funding. It appears that the EAA is aware of the airport reclassification issue and Senator Inhofe is willing to get more information about our situation. We now have a contact within Senator Inhofe's office and we will be discussing this issue further.

AirVenture is a great show, with interesting



The "Switchblade" flying car concept

and educational exhibits. However, I find that just talking to the visitors — many are from as far away as New Zealand and China — is a great way to make new friends and improve one's outlook on the future of air travel. I recommend attending at least one year to get a different perspective of aircraft, piloting, and technology within this industry.



## Flight Rx by Dr. Pam Tarkington

### Trapped Gas



There are several cavities in our bodies where air (gas) resides.

Before we go any further, let's review Boyle's Law: if the temperature remains the same, a volume of gas is inversely proportional to the pressure to which it is subject-

ed. This means that as you ascend in altitude, the gas will increase in volume (expand). The opposite is true on descent. These cavities in our bodies have a valve system that permits gas to escape. A problem ensues if that valve is blocked.

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## Flight Rx by Dr. Pam Tarkington

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When this happens, you will have a painful experience.

Let's look at these areas:

1. Sinuses: The frontal sinuses are above the eyebrows and the maxillary sinuses are in the cheek bones. Air trapping can occur during ascent or descent. For example, if you have a cold, the normal escape will at least be partially closed and the result is a sinus block, resulting in pain in the cheeks, upper teeth and under the eyebrows. To correct this, stop the descent and do the Valsalva maneuver. Ascend and again try to clear the sinus.
2. Ear block: This problem occurs on descent. Normally when you ascend, the eustachian tube is the escape valve that equalizes pressure between the middle ear and the reduced external air pressure. As the outside pressure increases on descent, ear block results unless the pressure is equalized. At

first, there will be a fullness in the ear, followed by pain. In this case, stop descent and try to clear the ear (yawn, swallow, Valsalva, etc). Ascend and try ear clearing again. For more details on this particular type of trapped gas, see the Flight Rx article on barotrauma from the [July 2018 WFC Flyer](#).

3. Tooth Block: This is quite rare and occurs on ascent. It can happen if there is a cavity or a new filling. Air becomes trapped between the cavity or filling and the tooth's nerve. The result is pain in that tooth. You should stop your ascent.
4. Gut: Air is naturally found here and is the result of digestion. The problem occurs on ascent. Gas is normally cleared by belching and passing gas. If the gas is not eliminated, abdominal pain ensues. Obviously try to eliminate the gas.

If the above remedies don't work, land ASAP. It goes without saying that it is wise not to fly with a cold or ear infection.

## Cool Places To Fly by Chris Houston

The main goal of this column is to highlight easily-reachable flying destinations as encouragement for WFC members to leave the SDC pattern. For August, let's venture a little farther than usual...this is aviation bucket list kind of stuff.

**Destination:** First Flight Airport (KFFA), Kill Devil Hills, NC

**Distance:** 438 nautical miles (direct)

### Why It's Cool:

On December 17, 1903, Orville Wright took the controls of an underpowered wooden craft with muslin-skinned wings and made a 12 second, 120' baby step into the age of modern aeronautics. Justifiably, the windswept location outside of Kitty Hawk, North Carolina is viewed as hallowed ground by most aviators. Just imagine settling an aircraft onto a runway positioned

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### Contribute to the Newsletter!

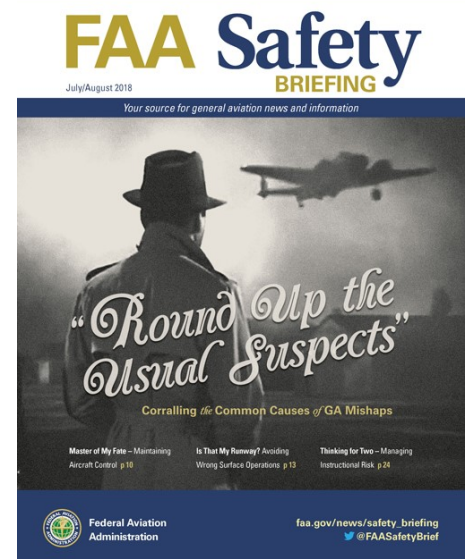
Thanks to all who have already shared their stories, insights, and photographs!

Do you have a favorite photo from the Williamson-Sodus Airport or the Williamson Flying Club? A destination, memory, or trip report to share with the membership?

Submit your photo, story, or trip report to the newsletter by emailing:

[Newsletter](#)  
[@williamsonflyingclub.com](mailto:@williamsonflyingclub.com)

### Recommended Reading



The July/August issue of *FAA Safety Briefing* (Jan/Feb 2018) "rounds up the usual suspects" by focusing on the common causes of general aviation mishaps.

[www.faa.gov/news/safety\\_briefing/](http://www.faa.gov/news/safety_briefing/)

## Cool Places to Fly by Chris Houston

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mere dozens of feet from the very spot where those early flights occurred!

The airport is part of the Wright Brothers National Memorial and administered by the National Park Service. A massive, Art Deco granite monument in the shape of a pylon stands atop the dune where the Wrights conducted their manned glider experiments. In the field north of the dune, stone markers show the start and end points of each of the three flights on December 17. Each successive marker is farther away from the launch rail, visually chronicling the Wrights' gradual mastery of their unstable craft. Nearby buildings contain additional artifacts and information about the site.

I have flown to First Flight twice, in 2011 and 2013. As a pilot, both pilgrimages held a lot of meaning for me. On the first, I crossed the 1000 hour mark in my logbook. On the second, I had the pleasure of sharing the site with my family. Along these lines, First Flight is also a great family destination. Like many of the National Parks, this one has a Junior Ranger program (rebranded as a "Junior Flight Ranger" program for extra cool factor). Junior



Aerial view of the Wright Brothers National Memorial and First Flight Airport (KFFA)

Ranger programs at the National Parks give kids a mission focus to capture their attention while they explore what each park has to offer. At Wright Brothers National Memorial, kids fly makeshift kites, time themselves running the 120' length of the first flight (my daughter averaged about 45% faster than the ground speed of the 1903 Flyer), and scour the site for information in scavenger hunt fashion. My then six-year-old daughter had a blast earning her Junior Flight Ranger badge and we had a lot of fun watching her.

In addition to the appeal of the Wright Brothers National Memorial itself, the scenery of the Outer Banks is beautiful and makes for a unique flying destination. It is worth a flight south along the barrier islands, past Cape Hatteras, to Ocracoke Island (W95). The island can only be reached by boat or airplane. At seventeen miles from the mainland, Ocracoke is considered the most remote island in the Outer Banks. However, from FFA, the entire flight can be made over land. The runway is situated within feet of the beach for a quick dip in the Atlantic. [Howard's Pub](#) will pick up airport arrivals for meals. The pub is owned and operated by the Howard family that traces its roots in the Outer Banks

back to William Howard, quartermaster for notorious pirate Blackbeard.

If you have not done so already, add First Flight and the Outer Banks to your aeronautical bucket list. If you already have added it and have not gone, consider this another nudge to make the journey! I know of several WFC members who have made already made the pilgrimage and I have heard nothing but enthusiasm about the experience from all of them.

### Tips:

- Note that runway 20 at KFFA is right traffic. The airport itself is well maintained, but a bare-bones facility. There are no services (e.g., fuel), no instrument procedures, and night operations are not permitted. Continuous parking



Wright Brothers National Memorial



Stephen Smith's life-sized first flight statue

## Cool Places To Fly by Chris Houston



Aircraft parking area at FFA with Wright Memorial in background



Marker for landing site of the first flight



Bodie Island Lighthouse



Ocracoke Island Airport (W95), conveniently beach-adjacent

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is limited to 24 hours. There is an AOPA-sponsored building adjacent to the airport parking area with nice flight planning facilities and restrooms.

- Dare County Regional (MQI) in Manteo is only six miles away and can provide most amenities you might need, including courtesy or rental cars.
- Currituck County Airport (KONX, 28 miles north) consistently has low prices on 100LL (\$4.25/gal as of this writing).
- There is a lot of walking to do in the park and it can get hot depending on the time of year. There is also no food available in the park. Plan accordingly on both counts. On our family trip, we brought water (not enough) and snacks, then ate a late lunch at Howard's Pub on Ocracoke Island. On an earlier solo trip, I took a courtesy car from Dare County Regional (MQI) into Manteo for food.
- Take note of the airspace over the Outer Banks, particularly if you plan to explore southward toward Ocracoke. Much of the area is designated a national wildlife refuge and flight below 2000' AGL is prohibited. MOAs overlay the area with floors of 8000' MSL. Beyond the lateral boundaries of the barrier islands, special use airspace starts as low as the surface. It is all completely manageable, but requires attention.

- Speaking of airspace, the direct route from Sodus to Kill Devil Hills passes just east of the Washington DC Special Flight Rules Area (SFRA). If VFR, pilots flying within 60 nautical miles of the DCA VOR are required to take the DC Special Flight Rules Area course available at [www.faasafety.gov](http://www.faasafety.gov) whether they plan on flying through the SFRA or not ([ALC-405: DC Special](#)

[Flight Rules Area](#)). While IFR, we've been routed directly through the SFRA east of the Capital with no issues; the airspace was entirely transparent to us.

- If you proceed south to Ocracoke, watch for the iconic black and white lighthouses on Bodie Island and Cape Hatteras. The Hatteras lighthouse is the tallest brick lighthouse in the United States. If you are interested in a ride to [Howard's Pub](#) for food, they claim to monitor the airport's Unicom frequency for requests. If they miss your call (they missed ours), their telephone number is 252-928-4441. Howard's closes for the winter and will be open for business again in mid-March ([www.howardspub.com](http://www.howardspub.com)).

*"In commemoration  
of the conquest of  
the air by the  
brothers Wilbur  
and Orville Wright  
conceived by genius  
achieved by  
dauntless resolution  
and unconquerable  
faith."*



Close up of dedication on the Wright Brothers Memorial

## Activities Committee Update by Chris Houston



WFC members at the Piper Aviation Museum in Lock Haven, PA on 28 July 2018 (Ed Ciolkowski)

### “Hangar Talks” Reminders

Hangar talks are continuing at the conclusion of member meetings, starting at 8:00 pm in the clubhouse.

- August 9: Ron Ward, speaking about flying his Le Roy-based

Twin Comanche to Cuba (see sidebar to the right)

- September 13: John Griebisch with a photojournal of flying in Iceland
- November 8: Craig Wadsworth, National Warplane Museum,

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### Images by John Griebisch



Says John: “Wing walkers ground school at WFC”

## Hangar Talks Announcement



### “Comanche Cuba Caravan”

Ron Ward

August 9, 2018  
8:00 pm, WFC Clubhouse

#### Abstract:

This presentation will detail a trip to Cuba and the Cayman Islands made by Ron and a group of Comanche owners from the International Comanche Society. Topics covered will include:

- Pre-planning for the trip
- Pilot briefing
- The flights
- Touring Cuba and Grand Cayman

#### About our Speaker:

Ron is ATP-rated and a CFII. He currently owns a twin Comanche based at Le Roy (5G0) and has been flying for 50+ years. He is a retired corporate pilot and has owned several airplanes over the years.

## Activities Update by Chris Houston

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speaking about flying the museum's WWII veteran C-47 ("W7") to Normandy in 2014

### Currently Planned Activities

- Movie night on the ramp, August 17 (**updated**, family-friendly movie TBD)
- Burke-Lakefront (Cleveland, BKL), August 18. In addition to being a neat airport to fly into (it is one of the few airports that provides immediate access to the downtown of a major city), there are a number of interesting destinations along the waterfront (see calendar at right). Itinerary to be determined from consensus of interested pilots.
- Scenic Niagara Falls flight and lunch at KIAG, August 26. A pre-flight briefing will be conducted at 10:00 am to familiarize all pilots with the scenic falls procedure. After flying the falls, we will land at KIAG and have lunch at Como. Return ~2:00 pm.
- NYC / Hudson River Fly-Out, moved to Sunday, September 9 (**revised date—fingers crossed for no VIP TFRs**)
- WFC holiday party at the Blue Heron Golf Club with comedian Dan Viola, Dec 1

### Reminder

We encourage pilots to share the flying with other members, especially students and members limited by aircraft availability. Looking for a ride? Contact Chris Houston.

## Upcoming WFC and Local Events

Sunday Aug 5	Fly-in breakfast, Elmira-Corning Regional Airport (KELM), 8:00–11:00 am, EAA 533 ramp.  Fly-in breakfast, Whitford Airport (B16), 7:30 am–noon.
Thursday Aug 9	<b>WFC Hangar Talk: Ron Ward, "Comanche Cuba Caravan"</b> WFC Clubhouse, 8:00 pm after the member meeting.
Sunday Aug 12	Fly-in breakfast, Oswego County Airport (KFZY), 7:30–11:00 am.
Friday Aug 17	<b>WFC Movie Night on the Ramp</b> Movie TBD—stay tuned
Saturday Aug 18	<b>WFC Fly-Out to Burke-Lakefront, Cleveland (KBKL)</b> Please RSVP using the <a href="#">club event calendar</a> . Specific itinerary in Cleveland to be determined from consensus of participating pilots. There are multiple points of interest, including the USS Cod (WWII submarine), the Rock & Roll Hall of Fame, and the William G Mather (a restored early 20th century Great Lakes steamship).  Fly-in breakfast, Cooperstown-Westville Airport (K23), 7:30–11:00 am.
Sunday Aug 19	Fly-in breakfast, Ledgesdale Airport (7G0), 9:00 am–noon.  Fly-in breakfast, Whitford Airport (B16), 7:30 am–noon.
Saturday Aug 25	Fly-in breakfast, Piseco Airport (K09), 8:00–11:00 am.
Sunday Aug 26	<b>WFC Fly-Out, Scenic Niagara Falls Flight w/ landing at KIAG and lunch at Como.</b> Briefing at 10:00 am, return about 2:00 pm. Please RSVP on the <a href="#">club event calendar</a> .
Sunday Sep 2	Fly-in breakfast, Elmira-Corning Regional Airport (KELM), 8:00–11:00 am, EAA 533 ramp.  Fly-in breakfast, Whitford Airport (B16), 7:30 am–noon.
Monday (Labor Day) Sep 3	Fly-in breakfast, Re-Dunn Airfield (17NK), 7:00–11:00 am. Runway 17-35, field elevation 1350' (pattern 2350'), traffic on 122.9.
Sunday Sep 9	<b>WFC Fly-Out to NYC / Hudson River Corridor w/ lunch at Cherry Ridge (N30).</b> Please RSVP on the <a href="#">club event calendar</a> .  Fly-in breakfast, Oswego County Airport (KFZY), 7:30–11:00 am.
Thursday Sep 13	<b>WFC Hangar Talk: John Griebisch, flying in Iceland, 8:00 pm.</b>
Saturday Sep 15	Fly-in breakfast, Cooperstown-Westville Airport (K23), 7:30–11:00 am.
Saturday– Sunday 15-16 Sep	<a href="#">New York Air Show</a> , Stewart International (KSWF). Features USAF Thunderbirds, C-17 Globemaster III, Kent Pietsch, USMA Parachute Team.

Items in **bold** are sponsored by the WFC Activities Committee



Final approach, runway 27R at Burke-Lakefront (KBKL), August 2015 (Chris Houston)