

**WPS Member Field Trip to Stewart Airport Airshow
Sunday, July 2, 2017**

Stewart International Airport (SWF),
1180 1st St,
New Windsor, NY 12553, USA

<http://airshowny.com/events/event/airshow-open-sun/>

Meeting time: Gates open at 9:00am

- Whoever gets there early will stake out a place for us to sit as close to the front as possible.
- Make sure to give Deborah your cell number if she doesn't have it so we can keep in touch.
- By getting there when the gates open avoids the mad crowds and rush as it get closer to show time as well as a closer walk to the field.
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Ending time: 5:pm

Event Schedule: 9:00am- noon: exhibits are open
noon - 4pm: the airshow is in progress

Admission fees: LOOK AT THE DATES – PLEASE!!

June 6: *last date for group rate for 10 people or more* (I deeply apologize for the late notice)

\$36.59: \$24.59 admission (and processing fees)+ \$12 parking

June 7 – entry date: no group rate

\$42.31 online fee: \$27.31 entry + \$25 parking

July 2 – gate fee: **\$50** \$30 entry _\$12 parking

Food during the day: Only one liter bottle of water is allowed. All other food must be purchased on site.

Dinner: 5:30pm (they know we'll be coming from the airshow)

The Temple Hill Tavern

171 Temple Hill Road

New Windsor, NY 12553

(845) 563-9044

<http://www.templehillcatering.com/contact/>

What gear to bring: No restrictions on gear but keep in mind that it will be crowded so it may be difficult to set up a tripod.

Misc. Information:

- Bring folding chairs or a blanket.
- Do not bring a canopy for your area. You might want to bring a hat.
- Carefully read Lewis' tips for photographing the airshow below.

Carpooling: Let Deborah know if you want to car pool.

Please let Deborah know ASAP if you will be coming!

A Few Basic Tips For Photographing The New York Airshow Lewis Bogaty

Here are some practical tips for shooting at the airshow this July. It's quite a spectacular show, but a somewhat challenging environment.

You can view a selection of the kinds of shots possible at the airshow on my website: **LewisBogatyPhotography.com/Scenes Places Events/Air Shows**, or click here: <https://goo.gl/Q2onPh>

What To Bring:

Although many photographers bring multiple cameras and a rolling bag full of lenses, I have gone minimalist with no regrets. Here's why. It is a very long walk from the parking area to the heart of the viewing area. Moreover, the airshow is very, very - let me add many more verys - crowded. For your further comfort, there is no shade. Food lines (not as much of a problem with porta-potty lines) can be long and feel longer if you are dragging your stuff on line with you. In short, it is best to travel light.

I bring no rolling camera bag, no backpack, no tripod, no monopod.

Here's what I do bring:

- My Canon camera and one lens - the 100-400. With anything shorter you will at times wish you had more reach. Anything longer is overkill. (If you plan to shoot the static exhibits or the crowd, you will also need a wide-angle zoom lens.)
- a chair (very important unless you like sitting on asphalt)
- extra battery and cards
- a hat, water, and sunscreen

Shooting Airplanes In Flight:

Shutter speed is the crucial parameter for planes in flight. What follows are the settings that I have found work well, though I am sure other photographers have their own preferences.

1. For jets, I shoot somewhere between 1/1000th of a second and 1/1600th. I may go lower if I need to keep the ISO down on a cloudy day, or higher simply because I can. But for the most part, you should be able to capture a fair percentage of sharp images at 1000, 1200, 1600.

Note: Panning will give a sense of motion with jets if you are shooting against a background such as trees. Slower shutter speeds will increase the sense of motion. However, for the most part you will be photographing the jets against sky only, perhaps a cloudless blue sky. In that case, background motion blur won't be possible.

2. Prop planes present the greatest challenge. It is a delicate balance to keep the body of the plane sharp, but the propeller blurred to show motion. To do this you must radically

lower your shutter speed. I find that 1/80th of a second is about right. But I also find that my number of keepers drops dramatically. Panning has to be very good to keep the airplane sharp at that shutter speed. Increasing your shutter speed toward 1/250th of a second, you should still see some blur in the propellers and you have a better chance of keeping the plane sharp. But when there is a shot I really really really don't want to miss, as when an old World War II prop plane was flying only one pass side by side with an F-22 Raptor stealth bomber, I said damn the propellers, and cranked the shutter up to 1/1600 of a second.

Here are some of my actual settings from captures at the New York Airshow:

- For a fast moving jet, an F-18 Super Hornet: 400 mm, 1/1250, f5.6, ISO 200
- For an Air Force Thunderbird group of 3 planes: 235 mm, 1/2000, f5.6, ISO 400
- B-25 prop plane: Here I got a perfect circular blur of the propellers but kept the body of the plane sharp. 135 mm, 1/80, f22, ISO 100
- Hovering helicopter: perfect circular blur 330 mm, 1/80, f14, ISO100. But when a soldier was climbing down a rope from the helicopter and I only had one chance to get the shot: 260 mm, 1/1000, f5.6, ISO 200 very slight propeller blur
- With a stunt plane landing on a moving truck, it took them 5 or 6 tries to get it right, so I had time to practice and experiment with settings. I got a nice blur on the propellers with the plane and truck sharp. 260 mm, 1/250, f9, ISO 100
- With the Geico Skytypers I was mostly concerned with the patterns the planes and smoke trails made and with keeping the planes sharp, so I was willing to accept only a slight blur of the propellers, or even none. 220 mm, 1/250, f10, ISO 100
- Black Knight parachute team: 380 mm, 1/1250, f7, ISO 200

Last bit of advice: Arrive early, and enjoy the show.