

The Hubble Space Telescope and the image known as "The Eye of God"

Long Island Early Fliers Club, Inc.

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Editor: Fred Coste

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Editor's Note:

Just a few weeks ago LIEF members enjoyed a bus trip to Washington D.C. Our first stop was NASA Goddard Space Flight Center where we had the privilege of visiting the control operations center for the Hubble Space Telescope.

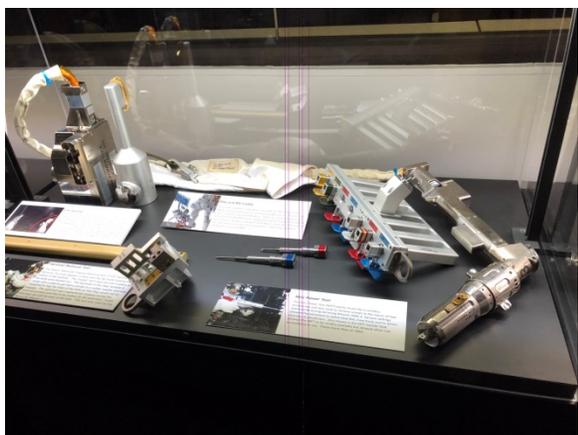
There are some who will ask "What does space exploration have to do with early flying?" Easy question....Ours is the generation of early space flight. We face similar challenges to those who first ventured into the air. With each flight we learned about better ways of controlling the vehicle. With each flight we learned that the higher we went, the more hostile the environment. We learned, we grew, we adapted to the great challenges that were ahead.

NASA's Hubble Space Telescope was the first astronomical observatory to be placed into orbit around Earth with the ability to record images in wavelengths spanning from ultra-violet to near- infrared. Launched on April 24, 1990, aboard the Space Shuttle Discovery, Hubble presently orbits the earth every 95 minutes at an altitude of 340 miles. It takes about 10 minutes to cross over the Continental United States.

Hubble can detect objects that are 10 billion times fainter than the naked eye can see. In simple terms, the telescope can discern the width of a dime from a distance of 86 miles. Our group also learned about other satellites that are used for detecting the level of moisture in the ground, as well as mapping the moon as we viewed the actual control rooms for the technology we have in space. That was only the first day of our visit to Washington.



One of the NASA Missions is to measure global precipitation. Below is a view of the control room for the GPM project



These are some of the specialized tools that were fabricated to work in space. Though very heavy of earth, in space the mass of the tool affords some stability for the astronaut who operates it.

Exploration is an inherent part of all human beings. It challenges the imagination and inspires creativity. Whether standing on a beach and looking to the horizon, accelerating down a rail hoping that this time the machine would lift you into the air or feeling the vibration build as your arms become heavy and your head and back sinks more tightly into your seat, curiosity overcomes the fear of the challenge. What is learned from each small step makes the whole endeavor safer. The exploration of space, both manned and unmanned is the greatest adventure mankind faces and is among the most worthwhile endeavors undertaken. Each of us in attendance left Goddard with a strong appreciation for the value of the United States Space Program and all those dedicated to the success of NASA.

NASA does amazing work and is always finding itself in the position of having to do more with less money. Fostering creativity is the most important aspect of our space program as new discoveries impact the lives of all of us.

The attachment below tells an interesting story about some of the way ways in which Hubble is used.

Please press Control + Click on this link and enjoy the short presentation:

<http://www.flixxy.com/hubble-ultra-deep-field-3d.htm>

Our next stop was the Embassy Suites Hotel where we settled in for cocktailsseveral cocktails and eventually dinner.



These Swans, named George & Martha are permanent residents in the indoor pond at The Embassy Suites Hotel.



Our group after just having cleared security. The south wall of the White House is in the background.

Our next day began with a visit to The White House. After a careful screening, our group entered through the East Wing where we saw photos of several Presidents and daily activities of the First Families, as well as a spectacular view of the south

lawn where the President boards Marine One for the flight to Andrews AFB.



Part of the South Lawn



The First Lady reading to children at a recent White House gathering.



The East Room, above & below, where Caroline Kennedy used to roller skate with friends. The room is more commonly used for presentations to Medal of Honor Recipients and special announcements like the nomination of Supreme Court Justice Neal Gorsuch.



A view of the South lawn from the Green Room where the three Marine helicopters land.



The Red Room



John Hancock gets ready to help “heard the cats” in our group to head back to our bus for our next stop.....Mt. Vernon.



that overlooks the Potomac River. The serenity of the location has been preserved thanks to the dedication of The Mt. Vernon Ladies Association which was able to acquire the land on the far bank of the river in Prince Georges County, Maryland. When sitting on the porch, one is able to view the same scenery enjoyed by our first President.



Mt. Vernon was the home of George Washington. This majestic looking home lacked all of the conveniences we enjoy today. The home has a great covered porch





While in the gift shop at Mt. Vernon, a young student from North Carolina saw our LIEF President, Sal Vitale sitting in his wheel chair, wearing his WWII Veterans hat.



Intrigued by finding a real WWII Veteran, this young man brought over several other students who were with him on their Mt. Vernon visit. Soon after, our celebrity President found himself signing autographs for all of these great kids!

After a full day of visiting the two Presidential homes, we headed back to our hotel for cocktails and dinner at some of the local restaurants.

The final day of our trip was spent at the Steven Udvar Hazy Center, which is the annex to the National Air and Space Museum. The main part of the Hazy Center measures approximately 500 feet in width and 1000 feet in length.....not counting the spacecraft hangar that makes the Space Shuttle look small.



We had a great 2 hour + tour of many of the artifacts in the museum. We were pleased to have the same docents who conducted our tours in the past. Mr. Wee Yee, in particular, told our group interesting tidbits about the Enola Gay and several other military aircraft on display. He always reminds us that these are not simply airplanes; they represent the lives, challenges and triumphs of engineers, pilots and all those who have offered everything they had to make new discoveries or protect the United States of America.



The main engines of the Shuttle Discovery

After the organized tour had completed, several members of the Wednesday work crew could be found investigating how the Smithsonian suspends their aircraft from the ceiling for display. The team's efforts were validated by discovering that we are doing it the same way!

L.I.E.F.C. News:

2018 dues payments are still showing up and we appreciate all of our loyal members. It is also very gratifying to receive donations of additional cash and items to display in our museum. Thanks to each of the following people for keeping LIEFC moving forward despite some big expenditures to accomplish our goal of creating a wonderful museum at Bayport Aerodrome. You simply have to see the progress to believe it! We very much appreciate the support received from the following members:

| | |
|-----------------|------------------------|
| Jack Sandhaas | \$ 50.00 |
| Ted Leviton | \$100.00 |
| Tom Alferman | \$150.00 |
| Eric Sandberg | \$200.00 |
| Randy Davis | \$500.00 |
| Bobby Alessi | Golf Cart |
| Henry Lederer | R/C P-51 Mustang |
| Lynn Cannizarro | Homebuilt Midget Racer |

Our heartfelt thanks go out to each of you. Please remember that all contributions are tax deductible! Your financial support is important to the completion of the work we have planned.

Our 1911 Bleriot comes home!



John Hancock, Ed McDermott, John Muilenburg, Tom Hancock, Eric Sandberg, and Tom Alferman prepare to dismantle the Bleriot in the terminal at Islip.

Having spent the last few years on display in the terminal at Islip, LIEFC volunteers happily disassembled the Bleriot for transport back to Bayport. Despite the fun

of scaring the traveling public by telling them their flight was overbooked and they were going to Florida in the Bleriot, it was time to bring the Bleriot home, making room for new screening areas for additional flights that are originating at Islip.

After packing the whole plane into a rented 26' U Haul box truck and a slow and careful caravan of cars to our hangar, the Bleriot was rolled into its new home just before a cold downpour.



Tom Alferman in the cockpit of the Bleriot during reassembly.

After a few weeks of cleaning her up and planning how to hang the plane from one of the main girders, accent lighting has been installed and the plane now hangs proudly in our hangar. The plane is flown by our pilot, "Clyde" (he's a bit of a stuffed shirt, if you know what I mean).



The Bleriot in its new display in our hangar

The Davis Town Meeting House Society remembered Lester & Jean Davis at a special Memorial Service on April 7th. The Davis home, located on the north side of Middle Country Road in Coram was the first meeting hall for the Town of Brookhaven. The 8 LIEFC members who attended had known Les when he was active in both LIEFC and the Long Island Hangar of Quiet Birdmen.



Brookhaven Councilman Loguerico, Randy Davis, Lee Davis, Whitney Davis, NY Assemblyman Steve Engelbright, Brookhaven Supervisor Ed Romaine and Davis Town Meeting House Society President Maryanne Douglas after the ceremony

We were pleased to meet Les' sons, Randy, Lee and Whitney, as well as many members of the family. The gathering was highlighted by the personal family stories of growing up on the family farm and learning to fly, told by the Davis sons.



Mike Scott, Ed McDermott, Tom Alferman, Eric Sandberg, Lloyd Ferraro, Fred Coste (not pictured – Paul Emmert) all attended the Memorial Service at the Coram Fire House on April 7th)

Each of us were honored to have been invited to learn more about Les and his family and to share in this remembrance.

The Passing of Lee Rosche.....

The day after returning from our Washington trip, we were saddened to learn of the passing of Lee Rosche, who had devoted much of his life to the success of L.I. MacArthur Airport as its Assistant Manager. Lee's son Jeff and his Grandson Steven, had been on the trip with us.



Lee had been active in many community organizations and loved presenting the history of the airport to student groups that visited the airport. Lee was 88 years young.

In the Hangar.....

The Wednesday work crew has made great strides in the past few months. With the hanging of the Bleriot, there has been a large floor area opened for additional work space.

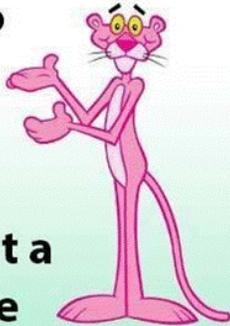
1). The duplication of the Widgeon hangar in "miniature" is taking shape. The actual goal is to make it look like a smaller version of its original home within the Early Fliers hangar.

2). The shipping container arrived and was installed behind our hangar. Though we are disappointed that it's almost full, we are happy to have the additional space in the hangar itself. Once we are ready to start getting rid of the "less valuable" things that we store, the container will become much more organized.

3). Lynn Cannizzaro has donated a rather interesting airplane that her late husband Joe, had planned to restore. The airplane had been designed by three Northrop engineers and was ultimately certified by the FAA and flown. Unfortunately all three of these gentlemen died in the crash of an airplane they were in as passengers. LIEFC plans to restore the racer, called Pusher 1 and suspend it from the ceiling of our hangar. It needs work....are you up for a challenge?

Time to smile.....

**During labor,
the pain is so
great that a
woman...
can almost
imagine what a
man feels like
when he has a cold.**



**You never
appreciate what
you have till it's
gone.
Toilet paper is a
good example.**

A group of women were at a seminar on how to live in a loving relationship with their husbands. The women were asked, "How many of you love your husband?" All the women raised their hands.

Then they were asked, "When was the last time you told your husband you loved him? Some women answered today, a few yesterday, and some couldn't remember.

The women were then told to take out their cell phones and text their husband –
"I love you, Sweetheart."

Next the women were instructed to exchange phones with one another and read aloud the text message they received in response to their message.

Below are 11 hilarious replies. If you have been married for quite a while, you understand that these replies are a sign of true love. Who else would reply in such a succinct and honest way?

1. Who the hell is this?
2. Eh, mother of my children, are you sick or what?
3. Yeah and I love you too. What's wrong?
4. What now? Did you wreck the car again?
5. I don't understand what you mean?
6. What the hell did you do now?
7. Don't beat around the bush; just tell me how much you need?
- 8 Am I dreaming?
9. If you don't tell me who this message is actually for, someone will die.
10. I thought we agreed you wouldn't drink during the day.
11. Your mother is coming to stay with us, isn't she?



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*According to CNN's
'developing story' one of the
design bugs of the Boeing
777 is that it will tend to lose
altitude when the fuel tanks
run dry.*



*This is just one example of the
crack investigative reporting by
today's mainstream media.*



My guardian angel
was young &
energetic when we
first met.
All those years of
looking after me
have taken its toll.



**ONE OF THE BEST THINGS
ABOUT GETTING OLDER:**

**KNOWING SOMEONE IS AN ASSHOLE
BEFORE THEY EVEN SPEAK.**



**I THINK I'M STARTING TO LOSE
MY MIND.**

**BUT AS LONG AS I KEEP THE
PART THAT TELLS ME WHEN
I GOTTA PEE, I SHOULD BE
OKAY.**

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The LONG ISLAND
Early Fliers Club

Long Island Early Fliers Club, Inc. is a non-profit organization founded in 1956 and Chartered by the New York State Education Department. We are dedicated to aviation education and preserving Long Island's aviation heritage. Volunteers who want to help educate and preserve our history are always welcome. Annual Membership in our organization is \$35.00 for individuals; \$50.00 for families.

Donations of aviation memorabilia, aircraft and aircraft parts, aviation clothing, display quality models and items of historic significance are always welcome and greatly appreciated. Cash donations, as well as artifact donations are tax deductible. You may visit our facility at Bayport Aerodrome, Vitamin Drive, Bayport New York most Wednesdays between the hours of 9:00 a.m. and 1:00 p.m. Appointments are necessary as airports are secure locations and can also be arranged at other times for your convenience. Contact us at: L.I.E.F.C., P.O. Box 43, Holbrook, NY, 11741 or call (631)-523-5407 (Fred Coste) or fax: 631-588-2147

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