Inside Loop

Dallas 99s

January, 2016

Chapter Volunteer Day at TWU

We have a special event planned on January 23 at the Blagg Huey Library on the Denton campus of TWU. The Women Airforce Service Pilots (WASP) archive is housed there, along with memorabilia from our chapter and from individual members.

The library curator has arranged for us to work on the WASP display. We will help with placing photos and documents in archival photographic sleeves, and repackage collections in special archival containers.

The library doesn't have a street address. It is across the street from the administration building, 304 Administration Drive. It is Georgian style with six huge columns in the front and a copula on the top of the building. A large four-tier water fountain is between the library and visitor parking lot.

Visitor parking is available in front of the library. Stop at the Information Booth at the corner of Administration Drive and Bell Avenue for a parking pass. See this site for a map of the campus:

http://www.twu.edu/maps/denton-campus-location/

The WASP Collection is on the second floor of the library. Enter the building and walk down the foyer through the exhibits towards the living room area. The reference area will be on the right and the circulation desk on the left. Take the elevator to the second floor and turn right. You will see study tables and a wall of windows. The offices are by the wall of windows. There is gold signage above the door that says Woman's Collection and University Archives.

We will meet there at 9:30, work until 12:30, and then go to lunch.

Thanks to member Kay Alley for arranging this visit. We hope to have many participants!

On February 6 we will visit the Cavanaugh Flight Museum at Addison Airport. It is located at 4572 Claire Channault Street, Addison.

We will meet at 11:00 in the conference room for a business meeting and lunch. Attendees can bring their lunch or order from the nearby Jason's Deli. Menus will be available. We will either have Jason's deliver or someone will pick it up.

Following our lunch meeting, we will tour the museum.

More details will be sent via email closer to the time of this event, and will include Jason's menu and the fee for the tour, if any.

November 2015 Chapter Business Meeting Highlights

Members Present

Kay Alley
Holly Barr
Brooke Franklin

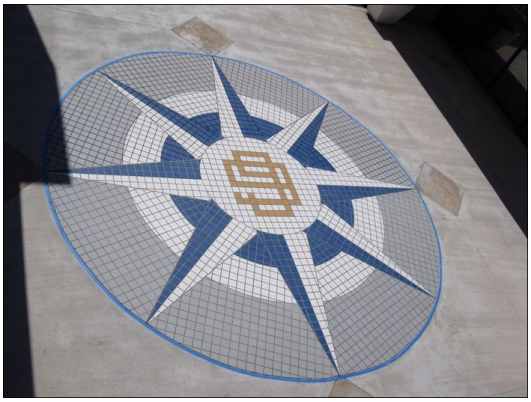
Treasurer's Report

The October 2015 Treasurer's Report was reviewed.

Business

- Members present voted unanimously to purchase a tile for the Compass Rose at 99 Headquarters as a memorial for Martha Ann Reading. This was in response to the wishes of several members to honor Martha Ann in this special way. The popular choice was a blue tile.
- Kay Alley gave a report on the Fort Worth Chapter's Fun Fest, held on November 1 at Northwest Regional Airport.
- Holly Barr and Kay Alley gave a report on the South Central Section Meeting, held in Santa Fe, New Mexico October 15-17 and hosted by the Rio Grande Norte Chapter.
- Members present proposed monthly activities through June of 2016. These are listed at the end of this newsletter.

Compass Rose Memorial Tile Acknowledgements



The Dallas Chapter received Thank You notes from 99s Headquarters and from Martha Ann's family for honoring her with a blue tile in the Compass Rose at Headquarters.

The tile number is SE9. It was assigned on November 19, 2015. The certificate and acknowledgement were sent to Martha Ann's family.

Chapter Christmas Party

Dorothy Warren once again opened her lovely home for our Christmas party. She provided a wonderful ham and turkey dinner with all the trimmings, topped off with a delicious German Chocolate cake created by her friend, Paul.

Attendees were Kay Alley, Holly Barr, Brooke Franklin, Jerry Glennie, Ann Koenig and friend Duke, Peggy Pierce, Sue Roth, Chris Swain and husband Garry, and Dorothy Warren and friend Paul and her niece Jennifer.

After dinner we had our usual gift exchange. There was plenty of good-natured stealing going on, but everyone left happy and with a fine gift!

Thank you, Dorothy!

Kay Alley, Brooke Franklin, Jerry Glennie, Peggy Pierce, Ann Koenig, Chris Swain, Dorothy Warren, Holly Barr, Sue Roth

Calendar of Events

January 23 9:30 A.M.—12:30 P.M.	Chapter Worksession— WASP Special Collections Lunch Afterwards	TWU Library, Denton Campus
February 6 11:30 A.M.—3:00 P.M.	Dallas Chapter Meeting , Lunch, and Museum Tour	Cavanaugh Air Museum 4572 Claire Channault St. Addison, TX
March 5, 2016 9:00 A.M. – 12:30 P.M.	Donuts and Coffee with EAA Social Media Seminar by Dallas Chapter Members	McKinney National Airport
Saturday, April 23, 2016 9:00 A.M. - 12:00 P.M.	Junior & Cadette Girl Scout Seminar	Frontiers of Flight Museum Dallas Love Field
May, 2016 Date TBD	Tentative Airmarking and Installation of Chapter Officers	TBD
May 19—22, 2016	South Central Section Spring Meeting	Fredericksburg, TX
June 4, 2016	Chapter Planning Meeting and Salad Luncheon	Home of Kay Alley 1810 Copper Leaf Drive Corinth, TX
July 5—10, 2016	99s International Conference	Ottawa, Canada

Chapter Contacts

2015-2016 CHAPTER BOARD	2015-2016 COMMITTEE CHAIRS
Chairman Brooke Franklin brookemfranklin@yahoo.com **Vice Chairman** Miyukiko "Koko" Kostelny chamor-ro.pilot@gmail.com **Secretary** Peggy Pierce peggy.pierce02@gmail.com **Treasurer** Holly Barr holly_ann_barr@sbcglobal.net	**Activities** TBD **Airmarking** Janny Strickland travelerjs@gmail.com **Girl Scouts/Website** Janny Strickland travelerjs@gmail.com **Membership** Brooke Franklin brookemfranklin@yahoo.com **Newsletter** Holly Barr holly_ann_barr@sbcglobal.net **Scholarships** Chris Hettenbach chrish31@prodigy.net **Social Media** Brooke Franklin brookemfranklin@yahoo.com **Sunshine** Jane Capstick sjcapstick@hotmail.com

STEM Tidbits – Jan. XX, 2016

NASA Releases First Official Video Of Pluto.

The Washington Post (12/28, Feltman) reports that NASA has released "the first actual video of Pluto's surface," captured using the LEISA infrared imaging spectrometer on the New Horizons spacecraft. The article explains that the filter used by LEISA, which separates light by wavelength, "helps scientists study molecular variations on the surface of Pluto, since different molecules reflect different wavelengths of light." Although LEISA measures infrared light, invisible to the human eye, New Horizons mission scientist Alex Parker "converted the color spectrum into a visible rainbow so we could get an idea of how LEISA works."

PC Magazine (12/28) reports that NASA has described LEISA as "an extremely clever instrument; it takes 2-D images just like a normal camera, but it takes them through a linearly-varying filter." The space agency further explained that the instrument can make "complex measurement[s]" using "exactly zero moving parts," which is "highly reliable for deep-space operations." In addition, the article notes that, using LEISA-compatible techniques, "the New Horizons team was able to confirm the existence of water ice on the planet, and the very same technique helped the team discern that ammonia ice exists on Pluto's largest moon, Charon."

The Wall Street Journal (12/28, Subscription Publication) highlights the footage in a video on its website.

FAA Preemption Of Local UAV Rules Angering State, City Officials.

The New York Times (12/27, Kang, Subscription Publication) reported that the recently released FAA fact-sheet outlining new recreational UAV regulations included a list of federal laws that would preempt local rules. This intervention is now "frustrating" state and city officials who are defending their own regulations against what they think are weak FAA rules. However, the FAA maintained that since it was granted authority by Congress, several local and state UAV rules "would not stand up to a legal challenge," adding that disparate rules across the country would amplify the risks associated with UAVs. Additionally, the *Times* explained that any rollback of local regulations by the FAA would benefit tech companies that lobbied heavily to aviation committees in Washington, DC, last year, pushing for a "light touch by regulators to help give their drone efforts the widest possible latitude."

FAA Extends Drone Ban 30 Miles Beyond The Capital.

WUSA-TV Washington (12/28) reports on its website that the FAA has extended its "no drone zone" 30 miles outside of Washington, DC, deeper into Virginia and Maryland. "So, anyone who flies drones or RC airplanes or anything within 30 miles of DC is now officially grounded," said drone hobbyist Cyrus Phillips. "Drone violations and arrests have led to public awareness of the ban in DC, but this ban goes deeper than ever before and is the same as the no flying zone restricting heavy, commercial aircraft," the article reports. An FAA official told *WUSA-TV*, "It is important for you to tell your viewers that they cannot fly in the 30 mile radius," adding, "The FAA will continue to do outreach to educate the public."

WRC-TV Washington's News 4 Today (12/28) adds that the FAA is upgrading its radar systems to detect UAVs. Drones are not allowed within a 30-mile radius of Reagan National Airport.

Intrepid Sea, Air & Space Museum Promotes STEM Education.

The Christian Science Monitor (12/29, Prince) reports that the Intrepid Sea, Air & Space Museum in New York City "preserves history while inspiring young Americans to become bold, innovative, and daring explorers themselves." According to the article, Museum President Susan Marenoff-Zausner stated that the greatest asset of the museum "lies in its ability to foster an interest in STEM." The article notes that in aiming to promote STEM education, Marenoff-Zausner and her staff run 800 education programs, including many that serve girls and children from low-income communities. http://www.csmonitor.com/World/Making-a-difference/Change-Agent/2015/1229/A-World-War-II-aircraft-carrier-s-new-mission-promote-science-education

STEM Heroines: Math role models for girls

The number of women in science, technology, engineering, and math fields is growing, but women are still a minority overall in STEM career paths.

Getting girls into STEM fields has become a major initiative of businesses, organizations, and governments – inspiring multiple campaigns to educate parents and kids about the value of diversity in STEM fields and classroom activities.

Ruth Charney, president of the Association for Women in Mathematics (AWM), likens math to puzzle solving, opening up interest to math for kids who might only equate math to endless rules and equations.

"It's a wonderful job. It's a wonderful place to be for women today," says Ms. Charney from her office at Brandeis University. "I think the way to go when talking to children is to show that math is really about puzzle solving, not just doing some rote equations."
http://www.csmonitor.com/The-Culture/Family/2014/0407/STEM-Heroines-Math-role-models-for-girls/Sophie-Germain-1776-1831

Flying Cars: Eternal Hope Defined

By Paul Bertorelli

They've always tied down the dingbat sector of general aviation. But emerging technologies make them, if not realistic, less silly than they once were. **Read More**
http://www.avweb.com/blogs/insider/Flying-Cars-Eternal-Hope-Defined-225390-1.html

Pilot Tracey Curtis-Taylor flies solo in 1942 Boeing Stearman from England to Australia Many kudos to Canada-based British adventurer pilot Tracey Curtis-Taylor, who has recently flown an open cockpit 1942 Boeing Stearman from England to Australia in order to pay homage to aviation pioneer Amy Johnson. Amy Johnson became the first female pilot to fly solo from England to Australia in 1930.
http://www.abc.net.au/news/2016-01-02/female-solo-flight-a-homage-to-aviation-pioneer-amy-johnson/7064324
"Beginning on October 1 in England, Curtis-Taylor piloted her "Spirit of Artemis" over 23 countries; Europe, across the Mediterranean Sea to Jordan, over the Arabian Desert, across the Gulf of Oman to Pakistan, through India and on to Burma, Thailand, Malaysia, and Indonesia before crossing the Timor Sea and landing in Darwin on Friday — a journey of over 20,000 kilometres "following in the slipstream" of Johnson's epic feat."