



## Tulalip Charitable Contributions Funds Distribution Report

**NAME OF AGENCY:** Red-tailed Hawks Chapter - Black Pilots of America, Inc.

**DATE OF AWARD:** 2017 Q1

**ADDRESS:** Snohomish County Paine Field, Mukilteo, WA 98275

**CONTACT:** (425) 512-0089, <http://www.bpapilots.org/>

**GENERAL GOALS:** We strive to introduce and educate underserved and underrepresented youths to the exciting world of aviation. BPA also promotes aviation excellence and safety among its membership. Our premier membership fly-in event is Operation Skyhook. The hallmark of our education effort is the BPA "Les Morris" Summer Flight Academy.

### SPECIFIC USE FOR THIS AWARD:

This award went to supporting programs and operational expenses.

For more information please read the attached report from the Red-tailed Hawks chapter of Black Pilots of America..













# RTH Aviation Day Camp 2017 Report

With the generous support of Tulalip Tribes Charitable Contributions, the Red-Tailed Hawks Flying Club (RTH) which is chartered by Black Pilots of America, Inc. held an aviation related STEM experience at the Museum of Flight, Seattle, WA. Twenty-five RTH members and volunteers served as pilots, registrars, chaperones and ground crew on the flight line.

On 22 July 2017, 52 youth campers participated in RTH Aviation Day Camp. It was an awesome introduction to the world of aviation. The campers were inspired by Osa Igbinosun, Aeronautics & Astronautics Engineer and veteran Naval Aviator, were introduced to the history of the Tuskegee Airmen by Harvey Hawks, Historian, Sam Bruce Chapter – TAI, and guided on a tour of the Museum of Flight (MoF) exhibits. After the morning briefings, the aviation experience turned from lecture to practical. The students engaged in the Aviation Learning Center and flew in real airplanes!

Osa Igbinosun, took a break from her PhD work at the University of Washington to share her love for Earth and Space Sciences, communicate the joy of flying, describe her experience as a black female officer in the Navy and inspire the audience towards their own greatness.



Harvey Hawks, SBC Historian and MoF docent, gave a powerful presentation about the Tuskegee Airmen experience during WWII. With pictures and a compelling delivery he captured the imaginations of the audience. Tuskegee Airmen is the nickname for the all black flying units trained at Moton Field, Tuskegee University, AL 1941-1946. The 99<sup>th</sup> Pursuit Squadron was the first to see combat under the command of Benjamin O. Davis, Jr. The 332<sup>nd</sup> Flight Group became known as the “Red Tails” because they distinctively painted the empennages of their P-51





aircraft red. They are most famous for a 100% success record in escorting allied bombers over Germany toward the end of WWII.

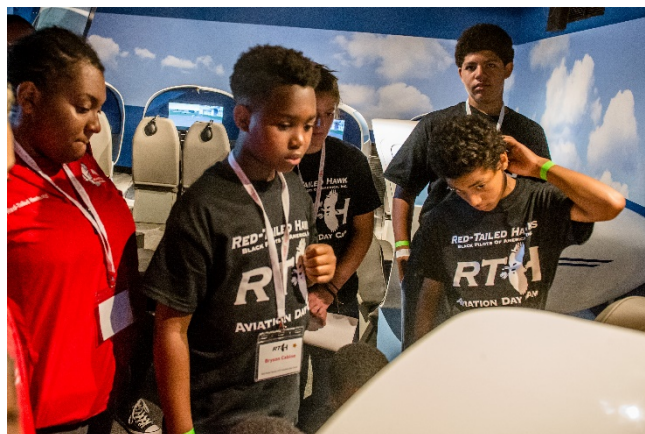
In addition, the conference room atmosphere was enhanced by a Tuskegee Airmen Exhibit provide by Thomas Gray, MoF Docent and SBC Communication Secretary. Gray and Hawks answered many questions from the campers.



After the Tuskegee Airmen presentation, the campers were divided and into three chaperoned groups before touring the museum and shifting from history to science, technology, engineering and mathematic (STEM).

Gray, Hawks and other docents helped the campers explore the many acres of aerospace exhibits at the MoF.

While one group was touring another group went to the Aviation Learning Center (ALC) first where they were briefed on flying the Cirrus SR-20 Aircraft simulator. The campers were introduced to the forces on an airplane in flight, navigation and chart reading, parts of the airplane and flight controls. The campers got a taste of a pilot's pre-flight preparation, and applied math and science to aviation.



They used their new knowledge to develop a flight plan and then flew it. The simulated flight was from Boeing Field to Paine Field and back. Two campers, at a time, shared the duel simulator. One flew the leg to Paine Field and the other flew the return leg to Boeing Field.

While two groups were touring and in the ALC, the third group reported to the MoF flight line (Blue Box) where Red-Tailed Hawks pilots provided discovery flights in real airplanes. The campers flew out over the Puget Sound and had a bird's eye view of downtown Seattle.



For many of the campers, this was their first flight in an airplane.



After each group rotated through all three experiences, all the campers gathered for an overview of Aerospace Engineering. They were introduced to the problem solving nature of engineering and encouraged to use it in their everyday lives. The importance of STEM education and teamwork were emphasized.





RTH Aviation Day Camp closed with seven Red-Tailed Hawks FLY cadets sharing their flight training experience in hopes of inspiring some of the young campers to work towards acceptance into the Flight Lessons for Youth (FLY) program. Their graduation testimonies were powerful.



Many thanks to NESSP for making this aviation experience possible.

Roland Bradley  
Camp Director, RTH



## **Red-Tailed Hawks Aviation Day Camp II After-Action Report**

Tulalip Tribes Charitable Contributions planted seeds into the lives of 142 youths 18-19 August 2017 at Paine Field, WA. The Red-Tailed Hawks Chapter of Black Pilots of America (BPA) invited 93 students to tour the Museum of Flight Restoration Center and Flying Heritage Collection on Friday, 18 August 2017, and 18 of them received discovery flights with the Red-Tailed Hawks Flying Club. On Saturday, 42 students received discovery flights and experienced the Future of Flight Aviation Center & Boeing Everett Factor Tour.

26 RTH volunteers and five guest speakers provided a fantastic aviation experience over the course of the two days. Six pilots with airplanes made quick work of the discovery flights and put an extra smile on the faces of the students. Further the BPA backpacks, lanyards, wristband and the Boeing 777 models were all giveaways for the students to enjoy and as tangible reminders of the camp.

### **Student Participants:**

Empowering Youth and Families Organization – 75

Pioneer Human Services – 9

General Public – 33

Red-Tailed Hawks, BPA Student Members - 25

### **Speaker Series:**

Captain Michael Hendrix, Alaska Airlines – Having an engineering career before pursuing aviation equipped our first speaker with a unique perspective on career development. He inspired and focused our students on the learning yet to come.

Scott Jefvert, Pacific Northwest Business Aviation Association – encouraged the students to consider the vast opportunities in business aviation. He opened their eyes to a world of aviation that is dynamic and vital to our national economy. Business Aviation has access to three times as many airports and commercial travel.

Todd Griffin, USAF Academy Liaison – challenged the students to greatness. Promoted the advantages of military service and provided insight and process information for gaining an appointment to USAFA.

Jovonia Edwards, Engineering Manager, Boeing Commercial Airplanes – provided an interactive lesson on electrical engineering which allowed the students to develop a small electrical circuit to power a light on a paper airplane. The experience climaxed with a flying competition between the different designs.

Les Morris, Founder BPA – was honored for creating and directing the BPA Summer Flight Academy for 45 years. He shared highlights of his vast flying career and challenged the students to study, work hard and dream big.

### **Paine Field Activities:**

Museum of Flight Restoration Center

Flying Heritage Collection

Future of Flight Aviation Center & Boeing Everett Factor Tour

Discovery Flights



Images:



Gregory Shaw  
Camp Coordinator, RTH



# Red-Tailed Hawks Youth Program September 2017 Meeting Notes

On Saturday, 9 September 2017, The Red-Tailed Hawks were 58 strong at the Skagit Airport (BVS). We were the guests of the Heritage Flight Museum at the invitation of Greg Anders, USAF Academy Class of 85', and the son of NASA Astronaut Bill Anders, who captured the famous first-ever photograph of the Earthrise as his crew orbited the moon. The museum rolled out the red-carpet us!

Forty-seven members, seven parents and four siblings took part in an action packed and knowledge filled agenda. Scott Callahan facilitated registration and group assignments. Greg Shaw, Richard Sherman, Dwight Palmer, Roy Francis, Simon Butler, Payton Rosborough and Frank Carter conducted smooth ground operations while Sanders Pratt and Jesse Hayes provided thirty-two students discovery flights. Simultaneously, David Tyler provided instruction covering Airplane Performance.

Fueled by Tulalip Tribes Charitable Contributions, our student members flew in Cessna 172s around the San Juan Islands and learned about airplane performance with instruction derived from the Pilot's Handbook of Aeronautical Knowledge. Afterwards, they received first-hand stories from retired Rear Admiral William E. Newman who shared some of his experiences as a combat veteran and as a Blue Angels naval aviator. The day was enhanced by not only touring the museum's beautiful collection of airplanes, but also by watching WW II, Korea, and Vietnam Warbirds in flight.

At the end of the museum experience, we took a group photo by the P-51 Mustang, which flew earlier in the day.

