

Tuskegee Airmen Aviation Programs

The Atlanta Chapter

The Atlanta Chapter of TAI operates the SPARC (Students Preparing for Aviation Related Careers) ACE Camp for 12-15 year olds in June. The one-week camp is an introduction to careers in aviation, and focuses on teaching students about the legacy of African Americans in Aviation w/ an emphasis on the contributions of the Tuskegee Airmen. Students participate in writing workshops, cooperative learning activities, flight simulation, and field trips.

The Atlanta Chapter of TAI also plans to implement "TAI Schools of Excellence" as part of the TAI Youth Programs. The chapter plans to implement the prototype this fall at Adamson Middle School in Rex, Georgia. The prototype would involve a year-round commitment from TAI to assist students in character development and academic achievement. The program would culminate with the students participating in a nine-week thematic unit of flight.

The chapter is also developing a monthly aviation program for youth to be held at Atlanta Technical College. This program will focus on aircraft mechanics, character development, and aviation careers.

Lee A. Archer Red Tail Youth Flying Program

Maj Gen Irene Trowell-Harris Chapter

1 Militia Way

Newburgh, NY

Glendon Fraser, Director

The Red Tail Youth Flying Program is incorporated under the New York law. The program is a 501(c) 3 under the federal tax code. This aviation program supports the national objective of motivating youth in aerospace and aviation careers. On Tuesdays between the hours of 4:00pm and 7:00pm the 22 students ages 12-18 (7th grade to 12th grade) meet for aviation ground school, mentoring, and life skills. The class is broken down into 3 flights. Flight A is dedicated to the juniors and seniors who are actively preparing for the private pilot written exam. Intense preparation for the FAA written exam is conducted utilizing Jeppesen course material and computer based assessment equipment. Flight B consists of 9th and 10th graders and also new students to the program. This group is given introductory flights, fly the flight simulator 2004 program and begin basic ground school prep. Flight C is our younger students that are being nurtured and mentored towards aviation as a career. This group does model building, flight simulations and class projects. The program does not own its own aircraft but, does lease a Piper Warrior 151 from an aero club. The aircraft is housed at a local FBO and is used at our convenience. All students in the program remain in the program as long as they maintain a B average in school. First semester that GPA falls below a B they are placed on probation and will be given one semester to return to a B average. If this does not occur students will be asked to leave and apply the following year. Once students are in the program, they will remain in the program until graduation from high school.

The juniors and seniors are actively competing for 2 Private pilot licenses each year. Our volunteer instructors supply the training in the aircraft as well as ground school. Flying time received is based on performance in class room testing, participation, and school performance. Not all students in the program are on flying status. Some students are trying to determine if aviation is their career choice. All flying is done out of Stewart Airport, Newburgh NY. Many of our students go on to college. Some have enrolled in the Air National Guard and are receiving free in state tuition as a result. Although our program is only in its 4th year we have had a

good track record with student graduating from the program and going on to college or the military (well over 85 %)

The entire group takes aviation related field trips at least three times a year. To date we have visited numerous aviation sites. They include Cradle of Aviation Museum, Pratt & Whitney engine manufacturer, New England Air Museum, The Intrepid Carrier Museum, American Express Corporate aviation, the 105th AW C5A Galaxy simulator and Rifton Aviation services.

The program receives funding by writing grants to American Express Foundation, Citigroup Foundation, The United way, The State of NY and from private contributions. There is no charge or fee to the students. The Program is affiliated with the Orange Ulster BOCES, The College of Aeronautics, the 105th Airlift Wing, Orange county Big Brothers Big Sisters and many other community organizations.

Recruitment is through community organizations, Schools and guidance offices, Jr. ROTC programs, churches and word of mouth. During September and October a recruiting drive and campaign begins to replace graduating or attriting students.

We believe this is a very exciting, rewarding and beneficial program that supports the national objective of motivating youth towards aerospace and aviation careers. The program has structure, consistency, measured results and a beneficial effect to the community.

Tomorrow's Aeronautical Museum
Los Angeles Chapter, Tuskegee Airmen, Inc
Mr. Robin Petgrave, Director
Mr. Oscar York Tuskegee Airman

The LA chapter's Affiliation with the "Tomorrows Aeronautical Museum" Located in Compton CA has created a model youth

aviation program that has received nation attention. The program benefits minority youth from the Compton, CA area. Through collaborations and partnerships with Boeing engineers, Northrop engineers, Orange Coast Community College and TAI, the program broadens the lives of more than 200 students currently enrolled in the program from Compton by introducing, mentoring and educating aviation.

Meeting once a 1-3 times a week, students have to earn dollar credits by working around Compton airport for \$5.00 per hour credit. The students then trade those credits for ground school, maintenance training and flight training. The program owns its own Cessna 172 and a kit plane that is currently being built by students and engineers.

The Tomorrow's Aeronautical Museum Program is a 501(c) 3 and is incorporated under California state law. Volunteers from Boeing and Northrop spend time teaching and tutoring in the classroom and other activities. Students are also currently traveling to Orange Coast College for classroom activity. This affiliation is currently becoming a stepping stone for college education for the students in the program. Students take field trips to various aviation sites. Students range in the age of 8-18 years. The success story of the program is a recent trip to Canada by the program director Mr. Robin Petgrave and two students age 11 and 14. The 14 year old became the first US student to receive his license at the age of 14. Under Canadian law a pilot may be as young as 14. The 11 year old student did much of the flying during the trip. This story received national press.

A balanced program that has established criteria of work for credit in order to receives training. Collaborations with Boeing, Northrop insure continuity with experts and follow-through with continuing education at Orange Coast College.

The program director Mr. Robin Petgrave receives financial assistance through his position as a Helicopter stunt pilot and his own company.

Mile High Flight Program

Herbert Hooks Chapter

Denver Colorado

Eric Mosley

Maj Daryl Searuggs

The Herbert Hooks chapter located in Denver Colorado affiliates the Mile High Flight Program with Metro State College and the Aerospace museum to create a youth aviation program. The program benefits minority youth from the Denver area. This program is centered on a two phase program. Phase 1 is an introductory program geared to feed the interest of the students who are 8th-12th graders. During this phase students meet once a month and take Saturday field trips to aerospace and aviation facilities such as the Air Force Academy, the World Indoor Airport, Metro State College, University of Colorado and aerospace museums. The students during this phase are also given introductory flight in both powered and non-powered aircraft (gliders). The program recruits during the September and October time frame at city churches, schools and African American newspapers. The latter has proved to be very successful.

The program has been in existence for ten years. The program is now directed by Eric Mosley, son of Tuskegee Airman John Mosley and Maj Daryl Searuggs. After phase I, students are evaluated and tested for four positions in phase II. During this phase, students are paired with flight instructors from an FBO (fixed base operation) at Centennial Airport. The students receive funding for flight time leading up to their solo flight. By

this time, the students are seniors and they will have completed the program. Funding for the program is done on a local level through grants, donations and the Herbert Hooks chapter. The program does not own their own or operate an aircraft. Currently there are twenty-five students in phase One. This program is a 501 (c) 3 and is incorporated under Colorado state law.

Youth Aviation Program East Coast Chapter Nelson Evans

The Youth in Aviation Program of the East Coast Chapter is supervised by Nelson Evans and Yvonne McGee. This program has two phases. Phase I revolves around mentoring aviation by taking field trips to aviation and aerospace facilities. This identification phase helps to determine the students who are serious about aviation as a career.

Once phase II starts, students are selected for the flight program. All students in this phase must complete and pass the Private Pilot written exam during a 10 week ground school administered by volunteers. Once students pass this exam, they are identified for aviation flight at Hyde Field, Clinton Maryland. The ground school meets once weekly for three hours. There are usually ten students that begin Phase II. The program utilizes the Gleim courseware and the FAA pilot handbook.

Phase II students fly with instructors from a Fixed Based operator. Students are taken to their solo and in some cases to their Private Pilot License. Funding sources are through the Chapter, private donations and the United Way. Many students are recruited from other aviation programs and from local high schools. The Program is affiliated with the East Coast Chapter 501 C (3). The age group served is approximately 15 ½ -18 years.

Students that have graduated from the program have attended Embry Riddle Aeronautical University, Kent State University and have become Air Traffic Controllers. The Program does not own its own aircraft.

Summer Flight Academy The William "Bill" Campbell chapter Sam Broadnax

The William Campbell Chapter of TAI has had an aviation program in one form or the other since 1994. Their motto is "Discipline, Discipline, Discipline" according to Sam Broadnax, Program Director. Under the programming of the Bill Campbell chapter, The Summer Flight Academy is incorporated and has its own 501 (c) 3. Financing comes from local sponsors, corporate sponsors and a \$3200 from the Bill Campbell Chapter.

The program as currently comprised is a two week program that begins the 1st Monday after the July 4th weekend. Five to twenty one students between the ages of 14-18 participate. Students are recruited from the local area of Oakland and San Francisco high schools and guidance counselors. The Summer Flight Academy utilizes the Jeppesen Private Pilot course. Students receive ground school training, take field trips to FAA facilities, corporate flight departments, and tour the USS Hornet museum. The students are considered "at risk." Flight training is used as a means to teach discipline that so many students lack. Mr. Broadnax is encouraged by the turn around in many student grades and study habits. Many parents confirm increased grades and better study habits.

Flight training is done at North Field Oakland Airport. The Summer Flight Academy program does not own its own aircraft however; they do affiliate with a local flying club to train their students. The program has several success stories. Among them are graduates from many California colleges such as UC Davis,

UCLA and from various military pilot training programs. The program benefits primarily African American Students. Approximately 75% are African American, 10% Hispanic or Asian and 15% other. The SFA affiliates with the College of Alameda and formally affiliated with the Sierra Academy.

Alfonza W. Davis Chapter

This chapter utilizes Experimental Aircraft Association, (EAA) Young Eagles Program to sponsor youth rallies. One day rallies are sponsored by the local chapter and the local EAA pilots to introduce students to aviation and the wonder of flight.

General B. O. Davis Chapter

This chapter utilizes Experimental Aircraft Association, (EAA) Young Eagles Program to sponsor youth rallies. One day rallies are sponsored by the local chapter and the local EAA pilots to introduce students to aviation and the wonder of flight. TAI day at Lambert field highlights this activity. They have had as many as 312 students at Eagle Flight rally.

General Chappie James chapter

This chapter utilizes Experimental Aircraft Association, (EAA) Young Eagles Program to sponsor youth rallies. One day rallies are sponsored by the local chapter and the local EAA pilots to introduce students to aviation and the wonder of flight. Flight program is "irregular." In 2004, the chapter had a fly-in for convention.

Greater Philadelphia Chapter

This chapter utilizes Experimental Aircraft Association, (EAA) Young Eagles Program to sponsor youth rallies. One day rallies are sponsored by the local chapter and the local EAA pilots to introduce students to aviation and the wonder of flight. This is an annual spring event for local students.

Lee A. Archer Jr. Chapter

This chapter utilizes Experimental Aircraft Association, (EAA) Young Eagles Program to sponsor youth rallies. One day rallies are sponsored by the local chapter and the local EAA pilots to introduce students to aviation and the wonder of flight. This program is a once a month event for local area students at Nutree, CA airport.

Memphis Chapter

In February, this chapter holds a Youth Luncheon hosted by aviation professionals of TAI, OBAP and the Black Air Traffic Controller Assoc.

In June, they host a Summer ACE camp for 14-17 year old students at a local aviation facility. Douglas Aviation is used for introductory flight for this one week Monday thru Friday program. Hundreds of students are reached through this wide reaching event. Rallies have accommodated over 10,000 students. "Aviation Week in Schools" have also been a part of this aviation rallies.

Major General McNeil Chapter

This chapter utilizes Experimental Aircraft Association, (EAA) Young Eagles Program to sponsor youth rallies. One day rallies are sponsored by the local chapter and the local EAA pilots to introduce students to aviation and the wonder of flight. Seventh and eight grade students participate in history of aviation and

Tuskegee history as well as introductory flight by the local EAA chapter.

North Coast Chapter

This chapter utilizes Experimental Aircraft Association, (EAA) Young Eagles Program to sponsor youth rallies. One day rallies are sponsored by the local chapter and the local EAA pilots to introduce students to aviation and the wonder of flight. This chapter is trying to develop its own aviation program. They are trying to identify students that show promise and intend to mentor aviation on a one on one basis. They are looking for support in developing an aviation program.

Roscoe C. Brown Chapter

There are twelve lectures on history of Tuskegee in the spring and fall. Students are 16-21 years of age. Courses include Aerodynamics, systems propellers, navigation, weather etc. They utilize the B52 simulator at Barksdale AFB, receive pilot briefing from B52, B2, F15 pilots. The students all receive one forty-five minute introductory flight. The Roscoe Brown chapter is a new chapter that is preparing to increase their aviation program.