



AVIATION SCIENCES INSTITUTE BRANCHES OUT

The Aviation Sciences Institute (ASI) continues to grow in the Oklahoma City area. This fall we added an additional location at the Oklahoma City Community College in concert with their aviation program. The students can complete their first two years with OKCCC and follow-on with SOSU to complete their BS degree yet remain on the same campus. In fact, it is also possible for the students to continue their education while on the OKCCC campus at the graduate level working toward an MS in Aerospace Administration.

Both President Todd (OKCCC) and President Johnson (SOSU) worked hard on the proposal to the

State Regents helping secure an initial grant of \$230,000 to facilitate the start-up costs.



ASI Receives \$400,000 Grant

The Oklahoma Aeronautics Commission has announced the awarding of a \$400,000 grant to reconstruct the existing ramp adjacent to the Aerospace Operations building. SOSU will contribute approximately \$40,000 in additional funds to complete the project.

Preliminary engineering and survey work began early July. Removal and heavy construction will begin late spring/early summer 2005.

The current ramp will be completely demolished and a new composite of asphalt and concrete with a new drainage system will replace the existing structure.

Upon completion the new ramp will have a specific traffic flow designed to minimize congestion. Aircraft

returning from flight will have a separate taxi area that will bring them to the refueling area or a separate route to tie-down. The new concreted center area is designed to tie-down the various aircraft as they return from flight or await future flights.

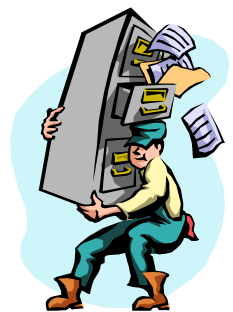
Completion will be dependant on weather but should conclude late summer 2005. I ask for your vigilance during construction.



AVIATION SCIENCES ON THE MOVE

It's true — Aviation Sciences has expanded into the entire building after nearly 20 years. Initially Rural Enterprises Incorporated occupied the North half of the hangar and building but vacated in 1998. Southern Oklahoma Development Authority was given a short term lease for half of the building not including the hangar but that lease expired in 2003. SODA moved to a different location in Durant in late December opening the way for ASI to move in. However after nearly 20 years the North side needed major renovation and repair which required nearly three months and several thousands of dollars.

The North side of the Aerospace Operations building adds an additional 8,000 square feet of space for offices, testing room, conference room, laboratory classroom, workroom, kitchen, and faculty lounge. The result of the expansion is evident and our facility reflects the pride we have in our program.



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NEW AVIATION FACULTY & STAFF

We are pleased to welcome some new faces to our Aviation Sciences Institute. Dr. Charles Marshall, Professor Carl Gull and Ms. Valerie Lemon are the new faces at the SOSU/OKCCC campus in Oklahoma City. They bring new talent and enthusiasm to our program that is rapidly expanding in the Oklahoma City area.



Dr. Marshall has a Ph.D. in Engineering and is a Certified Industrial Hygienist.

Dr. Charles Marshall

Professor Carl Gull

Ms. Valerie Lemon

He is also on the American Board of Industrial Hygiene and holds a Comprehensive Practice Certification #4489. Professor Gull has an MBA and is a retired Navy Commander with thousands of flight hours and experience. He was recently the Vice President, Training & Product Support for the Commander Aircraft Company. Ms. Lemon has an extensive background in higher education and has industry experience with the FAA Mike Monroney Aeronautical Center.

The new SOSU/OKCCC personnel will assist the ASI to maintain one of the best aviation programs, if not the best, in this region and country. Although their offices are quite distant they are an integral part of our program.

Scholarships & Awards

Several students were awarded scholarships ranging from \$250 to \$1,000 during the 2004 Aviation Awards Banquet. Congratulations to the following recipients — Casey Thomas, Brandi Byrom, Cody Clark, Boyd Weir, Lauren Bastian, James Lavender, Mike Niemczyk, Sean Strittmatter, Eric Hamilton, Charlie Ross, Ruth Shiver, James Garner, Roy Garner, Patrick Mockler-Wood, and Natalie Wardell.

"This money will help me take the next step in my education so that one day my dream to become a pilot for a major airline will come true". (scholarship recipient)

Top Aviation Awards

- Outstanding Senior Professional Pilot — Mike Amason
- Outstanding Senior Management — Doyle Somers
- Delta Airlines Award — Mike Amason
- Southwest Airlines Award — Mike Niemczyk

Annual Oklahoma Aviation Education & Research Symposium

SOSU's Aviation Sciences Institute co-hosted the 4th Annual Aviation Education & Research Symposium at Oklahoma State University. This symposium was well attended by educators as well as researchers from a seven state area to discuss current research and education issues facing institutions of higher education with aviation programs.

Dr. Alluisi presented a paper on Decompression Sickness in an Altitude Chamber Subject, Professor Burt Chesterfield presented a paper on James Reason's Model, Dr. Gene Hetsel presented a paper on Integration of A Low Cost Surveillance Video Recording System Into A LOFT Based CRM Training Curricula, Professor George Jacox presented a paper on Cost Analysis of Integrating Six New Cessna 172R Aircraft Into An Existing University Based Flight Training Program and Professor Kyle Thomas presented a paper on The Management of Aviation Flight Instructors.

The two-day symposium culminated in attendees gaining a new an better prospective of issues confronting aviation education.



Faculty in the News

Congratulations to Dr. Stan Alluisi and Dr. David Conway for their recent promotions. Dr. Alluisi was promoted from Assistant Professor to Associate Professor and was conferred with tenure. Dr. Conway was promoted from Associate Professor to Professor.

Professor Kyle Thomas's exemplary work with Women in Aviation earned him the 2004 President's Award for Outstanding Faculty Advisor.

Dr Conway was nominated and elected to the University Aviation Association (UAA) Board of Trustees for 2003—2004.

Dr. Alluisi and Dr. Conway represented SOSU Aviation Sciences Institute at the UAA Fall Education Conference in Toronto Canada.

Flight Team — Flying Savages — Congratulations!!!

The 2004 Aviation Sciences Institute's Flight Team worked hard and won numerous medals and trophies in the Regional NIFA competition hosted by SOSU in Durant OK October 11-15 2004. Central Missouri State took top honors followed by Oklahoma State University, then Spartan School of Aeronautics followed by SOSU. SOSU Flying Savages will travel to KSU in Salina Kansas April 25—29, 2005 for National Flight Competition.

GO SAVAGES!

Team members are: Professor George Jacox -Coach
Lauren Bastian - Captain, Jarred Murphy Co-Captain, Sammy Turner, Jason Bulleit, Cody Clark, David D'Alessandro, Chris Ferguson, Jeff Inman, Adam Krafcheck, James Lavender, Brian Petty, Charlie Ross, Zach Shuster, Brian Tillinghast, and Matt Wiloth.



Women In Aviation—Sierra Sierra Chapter

The Women in Aviation have been busy this last year. The members sponsored and coached a little league basketball team, held a chili dinner for the School of Business, hosted Lloyd Sauls—Chief Pilot for Delta Airlines Dallas Base, received SOSU's President's Club award for most outstanding community service (April 2004), and represented SOSU at the State Capitol during Oklahoma's Aviation Day.

Members of the Sierra Sierra Chapter are: Brandi Byrom, Lauren Bastian, Niki Hales, Lindsay Cardwell, Natalie Wardell, Ruth Shivar, Gloria Kimiywi, Casey Stains, Theresa Scalise, Alexis Dupree, Olena Goryunova, Sarah Jones, Lindy Jackson, and Sarah Noland.



Tinker Update



Southeastern Oklahoma State University plays an integral part in the Oklahoma City Aviation Education Alliance comprised of seven higher education institutions. The student population has been steadily increasing since we began in 2000. We now offer multiple sections of numerous classes and still have individuals waiting to enroll. Congratulations to Doyle Somers for his selection as the ASI's Outstanding Senior—Management.

Tinker was selected by the FAA as a site for a pilot project for Airframe and Powerplant testing on military bases. Military students who have been certified to test can now complete the written portion of the test in the Education Center at Tinker. At Tinker, education dividends can be huge. When David Reynolds graduated from SOSU with a BS in Aviation Management, maintenance option, in 2001, he was an Air Force staff sergeant airplane mechanic. He was selected for Officer Training School and recently returned to Tinker. Today he is a 1st Lieutenant, and his current position is Commander of a Combat Readiness Flight.

Hard work and reaching for the sky pays off at Tinker. Peter Janeczko's dream was to become a pilot, so he joined the Air Force. When he graduated from SOSU in 2002 with a degree in Aviation Management, he was an Airman First Class avionics specialist working on AWACS planes. Soon he will be piloting an AWACS plane. The semester Peter graduated from SOSU, he was selected the Outstanding Aviation Management Graduate. The Air Force selected him for Officer Training School and awarded him a pilot training slot. He recently returned to Tinker and today is a 2nd Lieutenant in the final stages of flight training to become an AWACS E-3 pilot.

AVIATION FLIGHT, MANAGEMENT & GRADUATE STUDIES

Southeastern Oklahoma State University
Box 4136
Durant, OK 74701

Phone: 580-745-3252
Fax: 580-745-3268

Excellence in Aviation

ASI Partners In Safe Skies Over Africa

The Aviation Sciences Institute has entered in a memorandum of Understanding with City Universities of New York, Embry Riddle, Florida A&M, Florida International, Oklahoma State University, and University of Oklahoma. The purpose of this consortium is to assist the development of air traffic in Africa through the FAA by providing technology transfer capabilities, i.e. train the trainers and to provide development material.. SOSU is one of several initial members of the consortium — Dr. David Conway has been appointed to the Board of Directors.

The primary mission of the Aviation Sciences Institute is to provide its students with the highest quality aviation education and flight training possible. The fundamental belief being that the best educated students will be the safest and most successful aviation professionals. The Aviation Sciences Institute will provide the student with the most current information, technology, and personalized training available in the aviation profession.

ASI Faculty Make Donation

Gaining the newly renovated North side of the Aerospace Operations building made possible the creation of a faculty lounge. Unfortunately funding to furnish the room was not available. Therefore, Dr. Alluisi, Dr. Conway, Dr. Hetsel, Professor Jacob and Professor Thomas donated all new furniture, including two couches, two easy chairs, end tables, coffee tables, lamps and an entertainment center.

Faculty Splash

The Women In Aviation (WIA) hosted a faculty splash day at SOSU's Aviation Sciences Institute. The faculty and staff provided free food and soft drinks for everyone. FYI, all the important food groups were represented, i.e. burgers, hot dogs, chips, and sodas.

The WIA charged a can of food to get a chance to dunk various faculty and staff — it was not a pretty sight! The group was led by Kyle Thomas — first in the dunking booth.

The women took all the food items to the local Presbyterian Church to help stock their food bank for the needy. The items were gratefully received by the church elders.

All-in-all it was a lot of fun, food and fellowship!



Success!! Natalie Wardell soaks an aviation professor.

Enrollment On The Rise for the Sixth Consecutive Year

The Aviation Sciences Institute has seen substantial growth in students over the last six years. Student credit hours have risen from 972 in 1998 to over 5,600. Obviously, the addition of OKCCC will have a definite positive effect on the number of student credit hours.

Substantial growth has been in our graduate program which began in 2000. In fact, the Aviation Sciences Institute Master of Science degree in Aerospace Administration has grown to be the largest graduate program at Southeastern in just three years. Last year the MS accounted for 37% of all graduate degrees conferred at Southeastern.

Tinker's enrollment continues to climb. For the year 2004, there are 233 active students, compared to 211 in 2003. The number of graduates also continues to climb, with 28 students completing bachelors degrees, and 69 students completing masters degrees during the 2003-2004 academic year.



Student credit hour increase of 550% in six years