



State Capitol Complex
500 Education Building
Oklahoma City, Oklahoma
73105-4500

OKLAHOMA STATE REGENTS FOR HIGHER EDUCATION

June 6, 1994

Rose State College

JUN - 9 1994

President's Office

Dr. Larry Nutter, President
Rose State College
6420 Southeast 15th Street
Midwest City, Oklahoma 73110

Dear President Nutter:

Re: Oklahoma City Aviation/Aerospace Education
Alliance

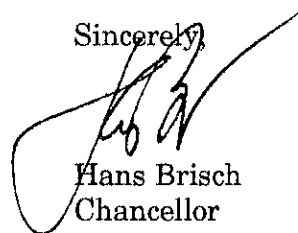
The State Regents at their May 27 meeting, approved the establishment of the Oklahoma City Aviation/Aerospace Education Alliance. The Regents were most pleased that you could represent Rose State College for the formal signing of the memorandum of understanding between the Alliance members.

Enclosed is a fully executed copy of the alliance document. The formal signing of the Alliance, in the opinion of the State Regents, was a most momentous occasion. The postsecondary and common education community in Oklahoma City is to be congratulated and acknowledged for a job well done! Now that the Alliance is formally in place, we are of the opinion that students and the aviation/aerospace community will be in a better position to reap the benefits of well coordinated, high quality aviation/aerospace programs that will focus on the current, along with the future needs of the aviation/aerospace industry.

The State Regents asked that I convey a particular note of commendation to Dr. Hobart Means and Dr. Norman Parkhurst for their active participation and leadership in the formal development of the Alliance.

Again, let me personally thank you for your institution's involvement in this most significant undertaking.

Sincerely,



Hans Brisch
Chancellor

HB:kq
enclosure

Oklahoma City Aviation/Aerospace Education Alliance

Introduction and History

Over the last ten years, it has become increasingly evident that educators and employers must work together to prepare youth/adults for careers in the aviation/aerospace industry. Increased cooperation and joint efforts are needed to: 1) better prepare workers for advanced technologies, 2) improve career opportunities in the field of aviation/aerospace, 3) assist the aviation/aerospace industry to compete in a global economy, 4) assist education providers in dealing with fluctuations in employment trends, and 5) reduce inefficiencies and duplication in delivery systems.

These needs have prompted many simultaneous, but seemingly unconnected, initiatives, both nationally and in Oklahoma, which were designed to analyze and improve future directions for the industry and aviation/aerospace education providers. Such initiatives included:

- In 1988, the first cooperative agreement was developed between Oklahoma City Community College and Metro Area Vocational-Technical School for the purpose of expanding opportunities for aviation students through joint planning and using scarce educational resources;
- Tech Prep consortia were formed in 1990 among two-year colleges, area vocational-technical schools, and public secondary schools for the purpose of combining secondary and postsecondary programs that lead to an associate degree or two-year certificate then to employment. In the Oklahoma City area, two consortia were developed: Project SOAR, which included Metro Area Vocational-Technical School, Oklahoma State University Technical Branch-Oklahoma City, Oklahoma City Public Schools, Millwood Public Schools, and Crooked Oak Public Schools; and Project CREATE, which included Francis Tuttle Vocational-Technical Center, Oklahoma City Community College, Deer Creek Public Schools, Edmond Public Schools, Western Heights Public Schools and Putnam City Public Schools. Each of the consortia included aviation-related career paths;
- In August 1991, an aviation alliance was formed among the public providers of aviation/aerospace education in the Tulsa Metropolitan area;
- In 1992, the Oklahoma State Department of Vocational and Technical Education released the *Aviation Status Report*, which recommended future directions for vocational aviation education in Oklahoma;
- The Blue Ribbon Panel Report entitled *Pilots and Aviation Maintenance Technicians for the Twenty-First Century* was released in August 1993 by the U.S. Department of Transportation, Federal Aviation Administration;

- In January 1994, the Oklahoma State Regents for Higher Education released the report entitled *Systemwide Aviation/Aerospace Education Program Review*, which examined the status of aviation/aerospace education among higher education and vocational-technical education institutions in Oklahoma; and,
- The Oklahoma City Public School District initiated planning efforts for the reopening of Southeast High School, with four technical focus areas: aviation/aerospace, transportation, manufacturing, and communications.

Common themes emerged from all of the reports and the initiatives. First, there appeared an obvious strand emphasizing the importance of quality aviation/aerospace education. And, although there appears to be no current shortage of aviation/aerospace workers, a shortage of fully-qualified aviation personnel is projected for the years 1995 to 2010 if action is not taken immediately to improve the preparation of workers for the aviation/aerospace industry.

Second, the reports indicated a need to create new career tracks to broaden opportunities for current and future aviation/aerospace workers. These should include new technologies in aerospace manufacturing, composites development and repair, and technologies involved in nondestructive testing.

Finally, all initiatives indicated a need for greater cooperation between and among aviation/aerospace education providers to improve the efficiency of delivery, eliminate unnecessary duplication, reduce training costs, and ensure quality education and training at all educational levels.

When representatives from the aviation industry and public aviation education institutions met as a group, it became clear that the fundamental solution to these common needs was to create an Oklahoma City Aviation/Aerospace Alliance that would establish partnerships among industry and educational institutions.

Desired Outcomes

The Oklahoma City Aviation/Aerospace Alliance is established to achieve multiple desired outcomes, which include:

- Establishing cooperation between industry and schools/colleges to create a dialogue in which training requirements and career opportunities are communicated to the schools and individuals;
- Ensuring student success by meeting students' educational needs and equipping them with the necessary intellectual tools to compete in an ever-changing industrial/economic environment;
- Improving opportunities for transferability of aviation/aerospace course credit;
- Creating opportunities for student internships, mentorships, apprenticeships, and other work/educational cooperatives;

- Increasing efficiency in delivery of aviation/aerospace education programs by sharing faculty, facilities, equipment, and resources to eliminate unnecessary duplication;
- Encouraging the aviation/aerospace industry and the Department of Defense to make state-of-the-art equipment and training aids available to schools, either as surplus or as donations;
- Creating aviation/aerospace awareness and education programs for elementary and secondary schools;
- Marketing to promote a positive image of aviation/aerospace aviation careers;
- Developing scholarship, loan, and grant assistance programs for aviation/aerospace candidates; and,
- Assisting and guiding underrepresented individuals and groups to enter the aviation/aerospace field.

The aforementioned desired outcomes have led to the development of a Memorandum of Understanding between members of the Oklahoma City Aviation/Aerospace Education Alliance.

Memorandum of Understanding

Oklahoma City Aviation/Aerospace Education Alliance May 27, 1994

Overview

The Oklahoma City Aviation/Aerospace Education Alliance is a confederation of public education institutions serving the Oklahoma City metropolitan area involved in the delivery of training and academic degree programs in the field of aviation/aerospace. Operationally, the Alliance will consist of agreements among its member institutions relating to training, academic degrees, and research programs; resource sharing; and cooperative student service programs.

Mission

The mission of the Oklahoma City Aviation/Aerospace Alliance is to improve overall quality, effectiveness, and efficiency in the development, implementation, and administration of aviation/aerospace programs delivered by public education institutions serving the Oklahoma City metropolitan area as well as a mechanism to enhance students' success as they move through the educational system.

Membership and Organization

The Oklahoma City Aviation/Aerospace Education Alliance was established by the following charter members:

OSU Technical Branch - Oklahoma City
Oklahoma City Community College
Metro Tech
Francis Tuttle Vocational Technical Center
Rose State College
Langston University
Oklahoma State University
Oklahoma City Public Schools
University of Oklahoma

Membership in the Oklahoma City Aviation/Aerospace Education Alliance is voluntary and open to public education institutions with programs designed to serve students preparing for careers in aviation or current employees of the industry.

Associate Members

Private or public sector organizations or individuals involved or having an interest in aviation/aerospace education, training, and/or research may affiliate with the Alliance as Associate members. The purpose of the associate member is advisory in capacity as to the expectations and quality standards in the aviation/aerospace industry.

The following organizations are associate members of the Oklahoma City Aviation/Aerospace Education Alliance.

Associate members are in the process of being determined.

Organization of the Oklahoma City Aviation/Aerospace Education Alliance consists of a Coordinating Committee with representatives from each Alliance institution to serve on the Committee. Each member institution designates its representative(s) and the number that will serve. The Committee will meet on a regular basis (not less than four times per year) to review existing agreements and develop new agreements to implement the mission of this Alliance. As well, Committee members will share information, facilitate planning, and recommend actions designed to improve/expand the overall quality, effectiveness, and/or efficiency of aviation/aerospace programs and support services. Committee recommendations are advisory to the chief executive officer of member institutions.

Agreements

Agreements will be developed that allow the aviation/aerospace students to pursue an unduplicated sequence of instruction leading to an aviation/aerospace career objective/degree from a member institution. The cooperative agreements will define the responsibility of each member institution and will be designed to facilitate such issues as tracking of students and financial aid.

Initial agreements will focus on developing unduplicated sequences of instruction in areas where educational programs/majors currently exist:

- Aviation Maintenance Technology
- Aviation Electronics
- Aviation Management
- Aerospace Manufacturing
- Professional Pilot
- Technical Services Management

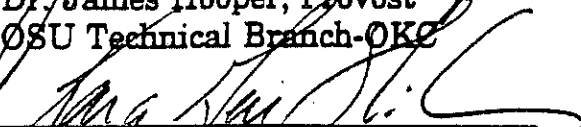
The alliance will work cooperatively to explore and develop, as needed, educational/ career pathways that address new emerging and advanced technologies.

**Signatories to the Memorandum of Understanding
for the Oklahoma City Aviation/Aerospace Alliance
May 27, 1994**

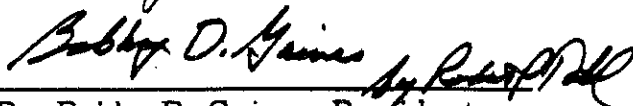
The undersigned persons representing OSU Technical Branch-Oklahoma City, Metro Tech, Oklahoma City Community College, Rose State College, Francis Tuttle Vocational Technical Center, Langston University, Oklahoma City Public Schools, the University of Oklahoma, and Oklahoma State University concur with the establishment of the Alliance as set forth in the Memorandum of Understanding. We understand that the agreements and/or cooperative arrangements which will be made may require, at some time, modification in order to comply with federal or state laws and policies.



Dr. James Hooper, Provost
OSU Technical Branch-OKC



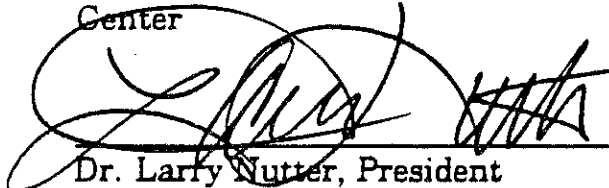
Dr. Kara Gae Wilson, Superintendent
Metro-Tech



Dr. Bobby D. Gaines, President
Oklahoma City Community College



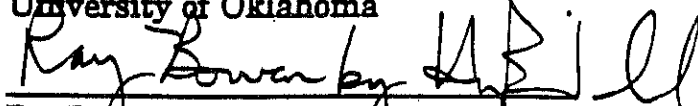
Mr. Bruce Gray, Superintendent
Francis Tuttle Vocational Technical
Center



Dr. Larry Nutter, President
Rose State College



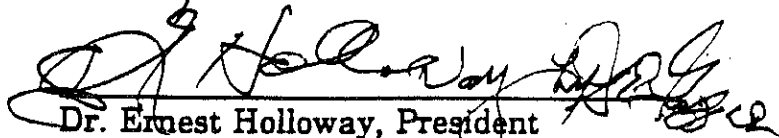
Dr. Richard Van Horn, President
University of Oklahoma



Dr. Ray Bowen, Interim President
Oklahoma State University



Dr. Betty Mason, Superintendent
Oklahoma City Public Schools



Dr. Ernest Holloway, President
Langston University