



Cox Convention Center-CCC
Meeting Room-MR
Oklahoma School of Science
and Mathematics-OSSM

OKLAHOMA AEROSPACE SUMMIT & EXPO JUNE 1 - 4 2010

CONFERENCE AGENDA

AS OF MAY 31, 2010

Tuesday 06/01/2010

10:00 am	Clubhouse	Golf Tournament Registration Jimmie Austin OU Golf Club 1 Par Drive Norman, OK 73019
Noon		Ninth Annual Oklahoma Aerospace Golf Tournament Sponsored by The Persimmon Group Shotgun Start Lunch sponsored by Nordam
Following Tournament	Clubhouse	Golf Tournament Award Ceremony sponsored by INSURICA and AIRSURE
1:30 pm - 7:30 pm	CCC	Summit and Expo Registration Open
2:00 pm - 7:00 pm	CCC-Exhibit A	Exhibitor Setup

Wednesday 06/02/2010

6:00 am - 5:30 pm	CCC	Summit and Expo Registration Open
7:30 am - 8:15 am	CCC-Exhibit Hall	Continental Breakfast & Exhibit Hall Open
8:30 am - 9:00 am	CCC-Arena	Summit Welcome Mary Smith, Oklahoma Aerospace Alliance Albert C. "Kell" Kelly, SpiritBank Oklahoma City Welcome Robin Roberts Krieger, Greater OKC Chamber Mayor Mick Cornett Congresswoman Mary Fallin
9:00 am - 9:30 am	CCC-Arena	Upcoming Changes with the Air Force & the Impact on Industry Debra Tune, Principal Deputy Assistant Secretary of Installation, Environmental, and Logistics, USAF



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Wednesday 06/02/2010-Continued

9:30 am - 10:30 am	CCC-Arena	Supply Chain Challenges Introduction by Jim Fram, Tulsa Metro Chamber Major General David P. Gillett, Jr., Commander Oklahoma City Air Logistics Center Supply Chain Panel Moderator, Col. Jeffery R. Sick, Air Force Global Logistics Support Center Jim Parker, The NORDAM Group Col. Richard P. Schwing, Defense Logistics Agency Cathy Stukel, American Airlines
10:30 am - 10:45 am	CCC-Arena Entry	Break sponsored by Chromalloy
10:45 am - 11:30 am	CCC-Arena	The Future of the US Aerospace Industrial Base Introduction by Natalie Shirley, Secretary of Commerce & Tourism, Oklahoma Department of Commerce William C. Greenwalt, Lockheed Martin Corporation
11:30 am - Noon	CCC-Exhibit Hall	Break sponsored by Pratt & Whitney
Noon - 1:45 pm	CCC-Arena	Lunch sponsored by Greater Oklahoma City Partnership Future of Energy Pete Delaney, OGE Future of Aerospace: Lean & Green Major General Bradley C. Young, Air Force Materiel Command Panel: New Opportunities for Industry Moderator, Pete Delaney, OGE Tim Noonan, The Boeing Company Seth Dunn, GE
1:45 pm - 2:30 pm	CCC-Arena	NextGen: The Future of Air Traffic Control Introduction by Lindy Ritz, FAA Patricia Craighill, FAA
2:30 pm - 3:00 pm	CCC-Exhibit Hall	Break sponsored by Tulsa Airport Authority



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2:30 pm - 6:00 pm	CCC-Exhibit Hall	Exhibit Hall Open
2:30 pm - 5:00 pm	CCC-Exhibit Hall	Opportunity Sessions by appt. only
3:00 pm - 3:45 pm		Breakout Sessions
	CCC-MR1	Track 1-Unmanned Aerial Systems Moderator, James Grimsley, Design Intelligence Jason Bowman, Next Generation UAS Studies Jeff Kappenman, Unmanned Systems, QinetiQ-NA <i>UAS is a rapidly growing segment of the aerospace industry. This panel will explore the evolving requirements of the USAF for unmanned systems and will present the Oklahoma Training Center-Unmanned Systems (OTC-US) located at Lawton/Ft. Sill, OK operated by the University Multispectral Laboratories.</i>
	CCC-MR2	Track 2-New Facilities, Weapon Systems, and Future Workload at Tinker Air Force Base Col Allen Jamerson, 72 Air Base Wing Commander, Oklahoma City Air Logistics Center, Tinker AFB Col Mark Beierle, 327 Aircraft Sustainment Wing Commander, Oklahoma City Air Logistics Center, Tinker AFB OK



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Wednesday 06/02/2010-Continued

3:00 pm - 3:45 pm

CCC-MR3

Track 3-State Incentives in Action

Moderator, Jonna Kirschner, Oklahoma Dept. of
Commerce

Kell Kelly , SpiritBank

Al Goodbary, University Multispectral Laboratories

Rick Armstrong, FlightSafety

While Oklahoma enjoys a nationally recognized incentive program, attracting and retaining jobs remains tremendously competitive. To stay ahead of the pack, Oklahoma continues to implement landmark legislation to increase the number of high quality, high wage jobs across the state. For example, no other state even comes close to offering Oklahoma's 21st Century Quality Jobs Program and Prime WIN. This session provides an overview of the new incentives added to Oklahoma's recruitment and retention arsenal during the 2008, 2009 and 2010 legislative sessions and features panelists that provide a look at these incentives in action.

CCC-MR4

Track 4-Tulsa/Wichita Model

Brad Williams, ODOC

Karen Barr, Spirit AeroSystems

In difficult economic times, companies often need to cut costs. The traditional model includes layoffs of employees. This results in employees losing their wages and benefits and the loss of a future skilled workforce for the employer when times get better. The "Shared Work Option" is a partnership between the company, the employees and the state of Oklahoma. It will allow companies to protect jobs and avoid layoffs as long as possible, while at the same time helping employees to keep their jobs and benefits – albeit through reduced wages and partial unemployment.



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Wednesday 06/02/2010-Continued

3:00 - 4:45 pm

CCC-MR5

Track 5-Oklahoma Aerospace Regional Skills Panels -
Improving Oklahoma's Aero Workforce for Today and
Tomorrow

Moderator, Sandy Scaffetta Johnson, PhD.,
Anautics, Inc.

Chip Carter, OAI

Darcy Melendez, Workforce Tulsa

*Sandy Johnson, Ph.D., will give an overview of the entire
Aerospace Skills Gap Analysis & Skills Panels effort explaining
their benefit to industry, summarize the panels' previous
meetings, and conduct a session on businesses employment
challenges.*

3:45 pm - 4:00 pm

CCC-Exhibit Hall

Break

4:00 pm - 4:45 pm

Breakout Sessions

CCC-MR1

Track 1-Aerospace Technology and Research

Moderator, Dr. Tom Landers, Dean, College of
Engineering, University of Oklahoma

Dr. Raman Singh, Oklahoma State University

Dr. Shivakumar Raman, Center for Shape Engineering
& Advanced Manufacturing, University of
Oklahoma

*Oklahoma's flag-ship, research universities are active in the
development of cutting edge technology for the aerospace
industry. This panel highlights two areas of ongoing applied
research and technology development—the Composites
Technology Center of Excellence at OSU-Tulsa and the Center
for Shape Engineering and Advanced Manufacturing at OU.*



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Wednesday 06/02/2010-Continued

4:00 pm - 4:45 pm

CCC-MR2

Track 2-Small Business Resources

Moderator, Sandy Pratt, Oklahoma Department of
Commerce

T. Scott Dean, Oklahoma Department of Career and
Technology Education

Albert Johnson Jr., Cameron University

Ryan McMullen, USDA Rural Development Authority

Dorothy "Dottie" Overall, US Small Business

Administration, Oklahoma

Oklahoma offers much to the aerospace industry, including a talented workforce, competitive business costs, and incentives designed to retain and attract engineers as well as to boost facility expansion and create jobs. And yet, our aerospace industry faces increasing pressure from competitors. Adding to that competitive pressure, the economy remains uncertain and resources significantly limited. This session details the resources available to the smaller companies in Oklahoma and how they are being used to help these businesses succeed.

CCC-MR3

Track 3-Government Contracting for Small Business

Carter Merkle, Oklahoma Bid Assistance Network

Government agencies buy everything from weapons to paving materials and agricultural equipment to packaged foods.

Federal, state and local governments are excellent markets in which to grow a small business. Learn what it takes to sell in these markets and how to use the rules to your favor.

5:00 pm - 6:00 pm

CCC-Exhibit Hall

Exhibitor Reception

7:00 pm - 9:00 pm

AeroBash presented by Hogan Taylor



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Thursday 06/03/2010

7:00 am - 5:30 pm	CCC	Summit and Expo Registration Open
7:30 am - 8:15 am	CCC-Exhibit Hall	Legislative Continental Breakfast & Exhibit Hall Open Breakfast sponsored by the Oklahoma Aeronautics Commission
8:30 am - 10 am	CCC-Arena	Welcome-Mary Smith, Oklahoma Aerospace Alliance General Thomas P. Stafford Award Presentation Sponsored by ARINC and Office of Lt. Governor Jari Askins General Thomas P. Stafford Lieutenant Governor Jari Askins Mike Young, ARINC The Future Fight: Technology on the Battlefield Introduction by Congressman Tom Cole Lieutenant General David A. Deptula Deputy Chief of Staff for Intelligence, Surveillance and Reconnaissance, United States Air Force
10:00 am - 10:15 am	CCC-Arena Entry	Break
10:15 am - 11:40 am	CCC-Arena	Threats to General and Business Aviation Panel Introduction by Vic Bird, Oklahoma Aeronautics Commission Moderator, Edward M. Bolen, National Business Aviation Association Pete Bunce, General Aviation Manufacturers Association James K. Coyne, National Air Transportation Association Craig L. Fuller, Aircraft Owners and Pilots Association Henry Ogrodzinski, National Association of State Aviation Officials
10:00 am - Noon	CCC	Teacher/ Fellow Registration
11:40 am - Noon	CCC-Exhibit Hall	Break sponsored by Conoco-Phillips



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Thursday 06/03/2010-Continued

12:00 pm - 1:30 pm	CCC-Arena	Lunch Acorn Growth Companies' 4th Annual Seeds of Greatness Award Education. It's About What Goes On the Inside and Outside the Classroom Introduction by Steve Hendrickson, The Boeing Company Rick Stephens, The Boeing Company
1:30 pm - 5:00 pm	CCC-Exhibit Hall	Exhibit Hall Open
1:30 pm - 2:30 pm	CCC-Exhibit Hall	Exhibit Hall Prize Drawings
2:00 pm - 5:00 pm	CCC-Exhibit Hall	Opportunity Sessions by appt. only
2:30 pm - 3:30 pm		Breakout Sessions
	CCC-MR1	Track 1-Straight talk with Aerospace HR Professionals Darrell Sims, AAR
2:30 pm - 3:30 pm	CCC-MR2	Track 2-The Perfect Storm Martin Piplits, The Persimmon Group <i>The current workplace is in the middle of a massive transformation. Gen Y, Gen X, Twitter, Facebook, a down economy--everything is hitting at once, causing incredible issues for companies. From business strategy to high-employee turnover to the pending exodus of Boomers from the workplace, this presentation focuses on key drivers transforming our workplace. Identifying practical, bottom-line increasing ideas on how to create high-performance work environments. This program combines key points from "Creating High Performance Teams" and, "Typewriters to Blackberries". Discussions include motivating different types of employees, collaborative problem solving and effective conflict resolution. Scenes from the hit movie, "The Perfect Storm," are used to emphasize and to help retain key points.</i>



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Thursday 06/03/2010-Continued

CCC-MR3

Track 3-CareerTech and the Aerospace Industry
Partnership

Moderator, Scott Smith, Oklahoma Dept. of
Commerce

Robin Schott, STEM

H.L. Baird, Oklahoma Department of Career &
Technology Education

Scott Dean, Oklahoma Department of Career &
Technology Education

CareerTech is actively engaged in developing the "pipeline" of highly-skilled workers that Oklahoma aerospace industry requires. CareerTech instructors and programs work with students in high school through "project lead the way" (pre-engineering) as well as the FIRST Robotics program.

Likewise, secondary school students are being trained during their junior and senior years of high school in disciplines like aviation maintenance technician and precision machining.

Adults can receive training in aerospace sheet metal fabrication plus a wide range of other "fast track", customized training that is focused on the needs of individual aerospace companies. The panel discussion will feature program leaders in each of these areas who will bring more detail on how CareerTech is helping Oklahoma build the workforce of tomorrow.



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Thursday 06/03/2010-Continued

	CCC-MR4	Track 4-Aerospace Fellows and Mentors Training Mark Tarpley, Education and Training Day Mentor Coordinator Hally K. Cole, The Boeing Company Jim Parrett, Tahlequah Schools <i>The Aerospace Fellows Mentorship is a relationship between the teacher and the mentor with common goals, aligned expectations and mutual benefits. The teacher has the tools of education and the mentor has the expertise and direct connection to industry. This session will describe how the teacher and mentor can partner to find strategies for instruction that capitalize on the mentors experience in the aerospace industry. Examples of past successes and lessons learned will be provided to continue to improve this valuable relationship.</i>
3:30 pm	Renaissance Hotel	Hotel Registration for Teachers/Fellows
4:15 pm	CCC	Bus Departure for Oklahoma Air Logistics Center Tinker Air Force Base
5:00 pm	CCC-Exhibit Hall	Exhibit Hall Tear-down
5:00 - 8:00 pm		Teacher/Fellow and Mentor Reception at Oklahoma Air Logistics Center Tinker Air Force Base Sponsored by Tinker Federal Credit Union
8:00 pm	Tinker AFB	Bus Departure for Renaissance Hotel



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Friday 06/04/2010

Oklahoma Aerospace Summit and Expo Education and Training Day
Oklahoma School for Science and Math
1141 North Lincoln Boulevard, Oklahoma City

7:00 - 10:15 am	OSSM	Registration Open
7:00 - 8:15 am		On your own transportation
7:30 - 8:15 am		Continental Breakfast
8:15 - 9:00 am		Opening Ben Robinson – Chair 2010 ETD Planning Committee Dr. Edna Manning - President OSSM Lt. Gov Askins – Keynote Ben Robinson - Introduction of Special Supporters
9:00 - 10:00 am		Panel Discussion Dr. Erin Nelson, The Boeing Company Emma Dyer, The Boeing Company Madison Mullens, Oklahoma State University Student Andrew Nantze, Metro Technical Center Student
10:00 - 10:15 am		Break



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Friday 06/04/2010-Continued

Breakout Sessions

Some Breakout Sessions will provide a range of educational resources for teachers to use in the classroom to teach Science, Technology, Engineering, and Math while others will provide insight into opportunities for students to engage in STEM activities. Breakout sessions will be delivered in a rotation to allow all Fellows to attend each session.

Current Breakout Session Presenters:

- Brian Burcham – Tech Connect Teacher from Putnam City North Nano Technology Activities for the Classroom
- Dr. Jamey Jacob - American Institute of Aeronautics and Astronautics Aerospace Activities for the Classroom
- Dr. Freda Deskin - Astech Inc. STEM Activities and Lessons for the Classroom
- Kelly Wardlaw – Science Teacher from Stillwater Public Schools Aerospace Connections in Education – ACE Defines the Aerospace Educational Opportunities Available to Oklahoma Students

Above and Beyond the Classroom Showcase:

- BotBall
- Junior FIRST LEGO® League
- FIRST LEGO® League
- FIRST Tech Challenge
- FIRST Robotics Competition
- Real World Design Challenge
- Gordon Cooper Technology Center “Rocket Power – You Be the Astronaut!”
- Stafford Air & Space Museum



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Friday 06/04/2010-Continued

10:15 - 11:00 am	Breakout Session One
11:00 - 11:15 am	Break
11:15 - Noon	Breakout Session Two
12:00 - 1:00 pm	Lunch Keynote, James Grimsley
1:00 - 1:15 pm	Break
1:15 - 2:00 pm	Breakout Session Three
2:00 - 2:15 pm	Break
2:15 - 3:00 pm	Breakout Session Four
3:00 - 3:15 pm	Break
3:15 - 4:00 pm	Breakout Session Five
4:00 - 4:15 pm	Break
4:15 - 5:00 pm	Closing