



HIGH SCHOOLS
POWERED BY AOPA

2017 AOPA High School Aviation STEM Symposium

Presented by



Monday, November 6, 2017

Monday, November 6, 2017				
7:15 – 8:00 a.m.	Registration and Breakfast <i>Sponsored by Redbird Flight Simulations</i> Hangar			
8:00 – 9:15 a.m.	Opening General Session Featuring “Living in the Age of Airplanes” filmmaker Brian Terwilliger Hangar			
9:15 – 10:00 a.m.	AOPA Resources for You and Your Students Hangar			
10:00 – 10:15 a.m.	Networking Break (Exhibits open) <i>Sponsored by Embry-Riddle Aeronautical University</i>			
10:15 – 11:15 a.m. BREAKOUT SESSIONS AND AMERICAN AIRLINES TOUR** <i>Sponsored by California Aeronautical University</i>				
Getting Started: Launch Your Aviation Program (Hangar)	Level Up: Taking Your Aviation Program to the Next Level (Theater)	Go Fly! Building a Flight Training Program at Your School (Classroom)	Career and Technical Education: Federal Policy Update (History Hub)	American Airlines Tour (Lobby)
11:15 – 11:30 a.m.	Networking Break (Exhibits open) <i>Sponsored by Embry-Riddle Aeronautical University</i>			
11:30 – 12:30 p.m. BREAKOUT SESSIONS AND AMERICAN AIRLINES TOUR** <i>Sponsored by California Aeronautical University</i>				
AOPA’s Aviation STEM Curriculum-9 th Grade (Hangar)	Creating an Aviation Program Through Community Collaboration (Theater)	Infusing Aviation into STEM Classes (Classroom)	Career and Technical Education: Federal Policy Update (History Hub)	American Airlines Tour (Lobby)
12:30 - 1:30 p.m.	Lunch (Exhibits Open)			

	<i>Sponsored by Alaska Airlines</i>			
1:30 – 2:30 p.m.	General Session Now Hiring: Growing Demand in Aviation Fields Hangar Moderator Bill Ayer – Chairman and CEO, Alaska Air Group (retired) Panelists David Tatum – Director of Pilot Recruiting and Development, American Airlines Carl Davis – Director of Air Crew Operations, Boeing David Heffley – Site Director, McGregor Test Facility, SpaceX Nicole Stott – Astronaut (retired), NASA Dee Temples – Senior Vice President, Air Operations, Envoy Air			
2:30 – 3:15 p.m.	General Session Connect Event Hangar			
3:15 – 3:30 p.m.	Networking Break (Exhibits open) <i>Sponsored by Embry-Riddle Aeronautical University</i>			
3:30 – 4:30 p.m.	BREAKOUT SESSIONS, AMERICAN AIRLINES TOUR , FT. WORTH ATC CENTER TOUR ** <i>Sponsored by California Aeronautical University</i>			
<i>Living in the Age of Airplanes</i> Movie Screening (Theater)	Aviation 101 (Classroom)	Civil Air Patrol Aerospace Education Program (History Hub)	Fort Worth Air Traffic Control Center Tour (Lobby)	American Airlines Tour (Lobby)
4:30 – 6:30 p.m.	Evening Reception (Exhibits open)			

Tuesday, November 7, 2017	
8:00 – 8:45 a.m.	Breakfast (Exhibits open) <i>Sponsored by Envoy Air</i> Hangar
8:45 – 9:00 a.m.	Opening Remarks Hangar

<p>9:00 – 10:00 a.m.</p>	<p>General Session Where Do We Go From Here? Post-Secondary Opportunities in Aviation Hangar</p> <p>Moderator Bob Raskey - Captain, United Airlines</p> <p>Panelists Fred Ritchey – Dean, College of Aviation, LeTourneau University David Stock – Chief Warrant Officer, U.S. Army V. Carson Pearce – Division Director, Statewide Transportation, Texas State Technical College Dr. Ken Byrnes – Assistant Dean, College of Aviation, Embry-Riddle Aeronautical University, Daytona Beach campus</p>				
<p>10:00 – 10:30 a.m.</p>	<p>Networking Break (Exhibits open) <i>Sponsored by Embry-Riddle Aeronautical University</i></p>				
<p>10:30 – 11:30 a.m. BREAKOUT SESSIONS AND AMERICAN AIRLINES TOUR** <i>Sponsored by California Aeronautical University</i></p>					
<p>Getting Started: Launch Your Aviation Program (Theater)</p>	<p>Aviation 101 (Hangar)</p>	<p>Go Fly! Building a Flight Training Program at Your School (Classroom)</p>	<p>Aviation Exploring (History Hub)</p>	<p>American Airlines Tour (Lobby)</p>	
<p>11:30 a.m. – 12:30 p.m.</p>	<p>Lunch (Exhibits open)</p>				
<p>12:30 – 1:30 p.m. BREAKOUT SESSIONS, AMERICAN AIRLINES TOUR, FT. WORTH ATC CENTER TOUR ** <i>Sponsored by California Aeronautical University</i></p>					
<p><i>Living in the Age of Airplanes</i> Movie Screening (Theater)</p>	<p>AOPA’s Aviation STEM Curriculum-9th Grade (Hangar)</p>	<p>Building an Airplane (History Hub)</p>	<p>Creating an Aviation Program Through Community Collaboration (Classroom)</p>	<p>Fort Worth Air Traffic Control Center Tour (Lobby)</p>	<p>American Airlines Tour (Lobby)</p>
<p>1:30 – 2:00 p.m.</p>	<p>Networking Break (Exhibits open until 2:00 p.m.) <i>Sponsored by Embry-Riddle Aeronautical University</i></p>				
<p>2:00 – 3:00 p.m.</p>	<p>General Session Putting It Into Practice Hangar</p>				

	<p>Moderator Pat Cwayna – CEO, West Michigan Aviation Academy, MI</p> <p>Panelists Lou Amadee – Aviation Instructor, East Valley Institute of Technology, AZ David Purser – Science Teacher, Karnes City High School, TX Nancy McGee – Director, K-12 STEM, Grand Prairie Independent School District, TX</p> <p>Mark Balch – Principal, North High School, CA</p>
3:00 – 3:15 p.m.	<p>Closing Hangar</p>
3:30 – 4:30 p.m.	<p>American Airlines Tour and Fort Worth ATC Center Tour** Lobby</p>

*Agenda subject to change. Please check back often for session descriptions and speakers.

**American Airlines tours and Fort Worth ATC Center tours will be offered throughout the breakout sessions as well as after the symposium has concluded on Tuesday, November 7 from 3:30 - 4:30 pm. 30 slots are available for each American Airlines tour. For all tours, participants must be in the lobby 10 minutes prior to the scheduled start time.

For the Fort Worth ATC Center tours, a valid U.S. government issued id (such as passport or driver's license) is required and require guests to be U.S. citizens. Sign up is available when you register for the symposium and not available onsite. 20 slots are available for each Fort Worth ATC Center tour.