



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 Facilitated by Bill Hampton – Managing Director, Aviation, Aerospace and Defense, GO! Experience Design 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 <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
Sponsored by California Aeronautical University

AOPA’s Aviation STEM Curriculum-9 th Grade	Creating an Aviation Program Through Community Collaboration	Infusing Aviation into STEM Classes	Career and Technical Education: Federal Policy Update	American Airlines Tour**
(Hangar)	(Theater)	(Classroom)	(History Hub)	(Lobby)

12:30 - 1:30 p.m. **Lunch (Exhibits Open)**
Sponsored by Alaska Airlines

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 Global Services
 David Heffley – Site Director, McGregor Test Facility, SpaceX
 Nicole Stott – Astronaut (retired), NASA
 Dee Temples – Senior Vice President, Air Operations, Envoy Air
 Houston Mills – Captain, Global Aviation & Public Policy Director, UPS

2:30 – 3:15 p.m. General Session
Connect Event
 Hangar

3:15 – 3:30 p.m. **Networking Break (Exhibits open)**
Sponsored by Embry-Riddle Aeronautical University

3:30 – 4:30 p.m. BREAKOUT SESSIONS
Sponsored by California Aeronautical University

<i>Living in the Age of Airplanes</i> Movie Screening	Aviation 101	Civil Air Patrol Aerospace Education Program	Fort Worth Air Traffic Control Center Tour**	American Airlines Tour**
(Theater)	(Classroom)	(History Hub)	(Lobby)	(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
9:00 – 10:00 a.m.	General Session Where Do We Go From Here? - Post-Secondary Opportunities in Aviation Hangar Moderator Bob Raskey - Captain, United Airlines 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
10:00 – 10:30 a.m.	Networking Break (Exhibits open) <i>Sponsored by Embry-Riddle Aeronautical University</i>

10:30 – 11:30 a.m. BREAKOUT SESSIONS					
<i>Sponsored by California Aeronautical University</i>					
Getting Started: Launch Your Aviation Program (Theater)	Aviation 101 (Hangar)	Go Fly! Building a Flight Training Program at Your School (Classroom)	Aviation Exploring (History Hub)	American Airlines Tour** (Lobby)	
11:30 a.m. – 12:30 p.m.	Lunch (Exhibits open)				
12:30 – 1:30 p.m. BREAKOUT SESSIONS					
<i>Sponsored by California Aeronautical University</i>					
<i>Living in the Age of Airplanes</i> Movie Screening (Theater)	AOPA’s Aviation STEM Curriculum- 9 th Grade (Hangar)	Building an Airplane (History Hub)	Creating an Aviation Program Through Community Collaboration (Classroom)	Fort Worth Air Traffic Control Center Tour** (Lobby)	American Airlines Tour** (Lobby)
1:30 – 2:00 p.m.	Networking Break (Exhibits open until 2:00 p.m.) <i>Sponsored by Embry-Riddle Aeronautical University</i>				
2:00 – 3:00 p.m.	General Session				
	<p>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 Mark Balch – Principal, North High School, CA</p>				
3:00 – 3:15 p.m.	Closing Hangar				
3:30 – 4:30 p.m.	American Airlines Tour and Fort Worth ATC Center Tour** Lobby				

*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 p.m.. Thirty 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. Twenty slots are available for each Fort Worth ATC Center tour.