



AA&S 2017

THE
AIRCRAFT
AIRWORTHINESS
& SUSTAINMENT
CONFERENCE

MAY 22-25, 2017 • SHERATON GRAND PHOENIX, ARIZONA

Aircraft Airworthiness & Sustainment (AA&S) Conference 2017

When: May 22-25, 2017

Where: Sheraton Grand Phoenix, Phoenix, Arizona

Purpose: AA&S 2017 is bringing together senior individuals tasked with ensuring **airworthiness of commercial and military aircraft systems and the sustainment of aging fleets, both within the military and commercial arenas.** This Conference will highlight several of the principal arenas of mutual interest to conference participants. Training Sessions, Keystone Panels and over 80 technical sessions will benchmark the current state of affairs, the key issues, technology themes for the future and what needs to be done NOW within these arenas. This NOW perspective framework will help focus those conference papers which will deal with these themes in more depth. Conference presenters are selected from a wide range of key military and commercial sector leaders to deliver an unbeatable forum.

*** AIRWORTHINESS:** Understanding the Strategic Vision

Airworthiness planning is accomplished early in the acquisition cycle for new aircraft programs and for modification programs which impact the airworthiness of existing aircraft. This planning defines the overall program approach to achieving and maintaining air system airworthiness and creates the framework within which detailed airworthiness planning and execution is accomplished. The AA&S Conference will feature senior leaders from DOD, NASA, FAA and Industry and will address the strategic vision of airworthiness across the agencies, challenges facing new and legacy air systems, and the development of airworthiness processes, guidance, bulletins, and qualification documents.

*** STRATEGIC SUSTAINMENT THEMES**

New capability for even more effective management of the legacy aircraft fleet is of strong and increasing interest to the DOD, NASA, FAA and Industry. There have been a number of important recent Air Force developments which are expected to be of considerable interest to the AA&S community because the opportunities for partnering are significant. Important developments include: new AFMC sustainment requirements processes, sustainment themes across the Air Force Service Core Functions, the depot modernization initiative lead by AFSC, the results from the four Air Force Sustainment Blue Ribbon Panels, the new AFRL Sustainment S&T Strategy/Strategic Plan and the new AFRL sustainment technology transition program: strategy, processes and programming.

In addition to the above thrusts, the Conference will focus on topics dealing with aircraft structures and fatigue, avionics, fleet management, wiring, obsolescence, engines, dynamic components and various other topics.

History: The Aircraft Airworthiness & Sustainment (AA&S) Conference (formerly the Aging Aircraft Conference) has been the most recognized domestic and international conference dealing with aging aircraft and fleet sustainment issues. It has drawn anywhere from 300 to 1,000 attendees over its long history. This Conference brings together members of the aircraft industry (Boeing, Lockheed, Airbus, Bell), commercial airline industry (United, Delta), the US Federal Agencies (FAA, NASA, Army, Navy, Air Force, Marine, Coast Guard, Defense Logistics Agency), foreign nationals and various support industries who share the common problem of dealing with the effects of the age of their respective fleet of aircraft.



AA&S 2017

THE AIRCRAFT AIRWORTHINESS & SUSTAINMENT CONFERENCE

MAY 22-25, 2017 • SHERATON GRAND PHOENIX, ARIZONA

Agenda: The agenda will consist of multiple training sessions in a variety of disciplines, all day on Monday. Keystone Panels will present to the entire audience on Tuesday, Wednesday and Thursday morning, followed by afternoon concurrent sessions running in 3-4-parallel tracks.

Training will be provided at no additional charge on Monday dealing with the following disciplines:

- Additive Manufacturing
- Performance Based Logistics Training
- USAF Airworthiness Certification Process Overview
- Leading Engineers
- FAA Certification

Keystone Panels will provide an in-depth analysis of topical concerns to our attendees. These Panels will be comprised of diverse senior level military decision makers and their industry counterparts.

Keynote Panels planned are:

- Airworthiness: Government & Industry Perspectives (2 Panels)
- Sustainment Technology
- Additive Manufacturing

Concurrent Sessions will be included throughout the Conference days. Topics will include:

- Condition-Based Maintenance/IVHM
- Structures
- UAVs/RPAs
- Airframe Digital Twin/Digital Thread
- Corrosion

Exhibits showcasing government and industry airworthiness and sustainment initiatives will be a key networking arena for attendees.

Sponsor: AA&S 2017 will be sponsored by Universal Technology Corporation (UTC). Planning is conducted in collaboration with many military and industry entities.

Registration Fee: \$895 Individual

Exhibit Space (10 ft x 10 ft.): \$2,550

Visit the AA&S 2017 Conference Website at:

www.aasconference.com

AA&S 2017