



# ARSAG 2019

9 – 11 April  
Charlotte, North Carolina

## AGENDA

### Monday, 8 April

0800 – 1700 Registration, Check-in, Badging  
1715 Briefers' Meeting, for Presenters & Panel Chairs

### Tuesday, 9 April

**0700 Exhibits Grand Opening**

Check-in, Badging

**0800 Welcome, Introductions**

Lt Gen John B. Sams, Jr. USAF, Ret.  
ARSAG Chairman, Chief Executive Officer

**0810 Keynote Address**

Leanne Caret, President, CEO Boeing  
Defense, Space & Security

**0900 International Military Status Reports**

Dion Polman, EDA, Moderator

NATO IS/DINATO AIRCOM

EDA

JAPCC/NATO AARWG

MMF

MCCE

Australia

France

Germany

Dion Polman

Col Edwin Markie

Lt Col Guenter Koch

Lt Col Gianluca D'Angelo

Gp Capt Steven Pesce

Maj Francois Gilbert

Lt Col Ralf Becker

**0950 Coffee, Exhibits & Networking**

**1020 Israel**

Italy

Japan

The Netherlands

United Kingdom

Contract Aerial Refueling

Col Luca Tonello

Maj Tomoki Oshiro

Lt Col Andy Van Alphen

Flt Lt Steve Margetts

Tom Swiderek, Omega Air

**1200 Luncheon**

**Guest Speaker**

James Burgess, Boeing

**1305 ARSAG Awards**

**1335 Keynote Address**

General Glenn M. Walters, USMC, Ret.  
President, The Citadel,  
Former Assistant Commandant USMC

**1425 Coffee, Exhibits, Networking**

**1455 United States Military Status Reports**

USN/USMC

US ARMY

USAF/AMC

USAF Reserves

Moderator: Lt Col James Blech, USAF TRANSCOM  
Farhad Choudhury, NAVAIR, JSB Chair

**1530 United States Military Safety Reports**

AMC Safety

US Navy

International

Moderator: Lt Col Walt Borja, AMC

Lt Col Walt Borja, AMC

LCDR Harland Hendricks, NAVAIR

*Meeting Rooms*

Registration, Check-in, Badging: Symphony Foyer  
Briefers' Meeting: Symphony Ballroom 4 - 7  
Plenary Sessions: Symphony Ballroom 4 - 7  
Exhibits, Coffee/Networking, Reception, Luncheons: Carolina Ballroom  
(See Notes/FAQ's, Page 4)

Tuesday, 9 April, continued

- 1600 **ARSAG Workshop / JSB Report**  
Document Process, Initiation to Publication  
Recently Published ARSAG Documents  
Introductions  
In-Work ARSAG Documents Status Reports
- 1645 Adjourn
- 1800 **Exhibitors' Reception**

Farhad Choudhury, NAVAIR, JSB Chair

David Benson, AFLCMC/EZFA, JSB Deputy Chair  
ARSAG Workshop/JSB Document Managers

## Wednesday, 10 April

- 0700 Exhibits Open, Registration, Check-in, Badging  
0800 Introductions
- 0805 **Guest Speaker**  
0835 **Operations Panel**  
0840 KC-46 Not Your Grandfather's Tanker  
0850 KC-46 Capabilities Brief  
0900 A330 MRTT "Phenix" Entry into Service  
0910 A400M Tanker: 2 Crew Concept  
0920 KC-135 RTIC (Real Time Information in the Cockpit)  
0930 Q & A  
0935 Coffee, Exhibits, Networking
- 1000 **Training Panel**  
1005 Pilot Training Next  
1015 KC-46 Training Squadron Update  
1025 Weapons School Update  
1035 Aircrew Training  
1045 Improved Performance through Improved Training  
1055 Q & A  
1100 **Interoperability Panel**  
1105 Update on Certification Specifications  
1115 Panel Discussions
- 1145 Q & A  
1150 **Luncheon**  
**Guest Speakers**
- 1250 **ARSAG Awards**  
1320 **Reliability & Maintainability Panel**  
1325 KC-46 MX, Designed with the MX Person in Mind  
1335 Condition Based Maintenance Evolution - Future  
1345 Innovative Engine Wash - Technology & Impact  
1355 FR300 Hose Reel Upgrade
- 1405 Q & A  
1410 **Keynote Speaker**  
1440 Coffee, Exhibits, Networking  
1520 **Guest Speaker**

Lt Gen John B. Sams, Jr. USAF, Ret.  
ARSAG Chairman, Chief Executive Officer  
Lt Gen Giovanni K. Tuck, USAF, Joint Staff, J4  
Col Gregory (Happy) Gilmour, 315 AW/CC  
Col Kevin Rainey, 931 ARW OG/CC  
Col Kevin Rainey, 931 ARW OG/CC  
Maj Francois Gilbert, French Air Force  
Ignacio Lombo, Airbus  
Bobby Fowler, David Fountain, Collins Aerospace

Lt Col Justin Capper, 54 ARS/CC  
Lt Col Paul Vicars, PTN  
Lt Col Brent Toth, 56 ARS/CC  
Maj William Dowd, 509 ARS/CC  
Alvaro Abrales, VP, Training CASS  
Paul Langholz, Collins Aerospace

Col Ed Markie, JAPCC  
Maj Kees Verburg, RNLAF  
David Benson, AFLCMC/EZFA  
Maj Kees Verburg, RNLAF  
James Payne, NAVAIR  
Gp Capt Steve Pesce, RAAF

Ioannis Papachristofilou &  
Ignacio Lombo, Airbus Defence and Space

Greg Twyford, Boeing  
Col Kevin Rainey, 931 ARW OG/CC  
John Maggiore, Boeing  
Jorge Saenz, AeroCore Technologies  
James Kemmitt / Steve Schroeder /  
Colin Slater, Cobham Mission Systems

General Raymond E. Johns, Jr., USAF, Ret.  
Co-CEO, FlightSafety International

Roberto I. Guerrero, Deputy Assistant Secretary  
Air Force (Operational Energy) SAF/IEN

*Meeting Rooms*

Plenary Sessions: Symphony Ballroom 4 – 7  
Exhibits, Coffee/Networking, Reception, Luncheons: Carolina Ballroom

(See Notes/FAQ's, Page 4)

Wednesday, 10 April, continued

1550	<b>System Design Panel</b>	Tom Cavallaro, NAVAIR
1555	A3R: Automatic Air-to-Air Refueling	Juan Cabrera, Airbus
1605	Wideband HF Communications	Richard Hayden, ASB Avionics
1615	KC-46 Boom Aerial Refueling System Design	Justin Hatcher, Boeing
1625	Hose Reel Variable Displacement Drive System	Asher Bartov, Federal Industries
1635	Q & A	
1640	<b>Test &amp; Evaluation Panel</b>	Chris Nickell, NAVAIR
1645	Receiver Simulator Tool, Flight Test Findings	Guillermo Ortiz, USAF 418 <sup>th</sup> Flight Test Squadron
1655	Airbus Flight Test Update	Ignacio Lombo, Airbus
1705	Boom Signal Coil Issues, Flight Test Resolution	Thien AnHoang, French MoD Flight Test Center
1715	KC-46 Flight Test Optimization Lessons	Jonathan Latall, Boeing
1725	Q & A	
1730	Adjourn	

## Thursday, 11 April

0800	Introductions	Lt Gen John B. Sams, Jr. USAF, Ret. ARSAG Chairman, Chief Executive Officer
0805	<b>Guest Speaker</b>	Maj Gen Laurent Marboeuf, FAF Commander, European Air Transport Command
0835	<b>Advanced Concepts Panel</b>	Farhad Choudhury, NAVAIR
0840	MQ-25 Overview	CDR Michael Kline, NAVAIR; Skyler Myrick, Boeing
0900	Automated Aerial Refueling Scheduling	TBD
0910	Defensya Boomerang	Alberto Adarve, Defensya
0920	Q & A	
0925	<b>Studies &amp; Analysis Panel</b>	Tom Swiderek, Omega Air
0930	Aerial Refueling Model	Carl Lude, OSD CAPE
0940	Q & A	
0955	Break	
1010	<b>Industry Panel</b>	Tom Swiderek, Omega Air
1020	AirTanker Update – 2019	Mick Soul/Geoff Winterbottom, AirTanker
1030	Air-to-Air Refueling Solutions by Airbus	Jeronimo Amador, Airbus
1040	The Use of Modeling to Supplement Flight Test	James Kemmitt, Cobham Mission Systems
1050	Defensive Aids Systems for Multi-Mission Tankers	Roberto Scotto di Vettimo/Andrea Usai, Elettronica
1100	KC-130 Improved Refueling Pod Flight Tests	Mike Bandak, Northstar
1110	Boeing Tankers – Past, Present and Future	Pam Valdez, Boeing
1120	Q & A	
1125	Wrap-up	Lt Gen John B. Sams, Jr. USAF, Ret. ARSAG Chairman, Chief Executive Officer
1135	Plenary Session Adjourns	
1300	<b>ARSAG Steering Group Meeting</b>	Dex Kalt, ARSAG Executive Director
1400	<b>Focus Topic Seminar</b>	
1400	AFRL Research on Automation in Aerial Refueling	Ba Nguyen, AFRL/RQQC
1600	Adjourn	

## Auxiliary Meeting

### Monday, 8 April

0800	NATO/JAPCC Meeting, by invitation	Col Edwin Markie, JAPCC
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Plenary Sessions: Symphony Ballroom 4 – 7

Steering Group: Governors 5/6

Exhibits, Coffee/Networking: Carolina Ballroom

Focus Topic Seminar: Symphony

*Meeting Rooms*

(See Notes/FAQ's, Page 4)

## **Notes/FAQ's:**

***On-site registrations will be accepted, but advance online registration is highly encouraged.***

### ***Meeting Dress code:***

- Business attire, coats and ties or military service equivalent preferred for the Tuesday general session.
- Business attire, coats and ties or military service equivalent suggested for all speakers.
- All other events: business casual or military service equivalent.

***All Presenters please attend the Briefers' Meeting at 1715 on Monday in the Symphony 4-7 Ballroom for final instructions and submitting electronic copies of briefings.***

### ***ARSAG Exhibitors Reception on Tuesday Evening***

- Northrop Grumman invites all ARSAG 2019 attendees and their guests to attend the reception held in the Carolina Ballroom.

### ***Tuesday Luncheon***

- The Boeing Company invites all registered ARSAG 2019 to the luncheon in the Carolina Ballroom.

### ***Wednesday Luncheon***

- Airbus Defence and Space invites all registered ARSAG 2019 attendees to the luncheon in the Carolina Ballroom.

### ***Exhibits Grand Opening***

- Exhibits will open at 0700 on Tuesday, 9 April. It is requested that exhibitors station representatives at their booths for the Grand Opening.