



## TECHNICAL BRIEFINGS

**THURSDAY, JULY 21, 2016**

**CONVENTION CENTER**

### 1100 – 1145 Hours

**Turbomeca USA  
Mike Whitman**

**Exhibit Floor CR #1**

Turbomeca USA is a leading manufacturer of aircraft turbine engines. This presentation will be a technical update on Turbomeca's Arriel and Arrius engine families.

**Aeryon Labs; UAS Applications for Public Safety  
Peter King**

**Exhibit Floor CR #2**

Aeryon Labs is a leading producer of small unmanned aircraft. This presentation will review sUAS Systems and Camera Payloads that are manufactured by Aeryon Labs.

### 1300 – 1345 Hours

**StandardAero, "Turbine Engine Operating Costs and How to  
Manage Them"  
Brian Hughes**

**Exhibit Floor CR #1**

This presentation will discuss how to measure your engines direct operating costs, the types of programs that you can enroll in and how to work with an engine shop.

**Metro Aviation, Increasing Efficiency through Flight Data  
Monitoring, Recording and Communications  
Milton Geltz and Don Rucker**

**Exhibit Floor CR #2**

All operators can use data to operate a safer, more efficient program. Outerlink's IRIS system delivers the data that managers need to make quick decisions, decrease the downtime of their aircraft and keep a pulse on what is happening in the cockpit. The monitoring, recording and next generation satellite communications system provides voice, video, analog and digital aircraft system information that results in saved money, time and weight.

### 1400 – 1445 Hours

**RMCI, Inc., The Benefits of Health Usage Monitoring  
Systems  
Lance Antolick**

**Exhibit Floor CR #1**

RMCI has supported the health and usage monitoring system (HUMS) efforts of both government and civilian operators over the past decade. We have unparalleled experience from monitoring the health of more helicopters than any other company in the world. Over the past decade, we have provided advanced data analysis for over 3,000 helicopters equipped with HUMS. RMCI has performed detailed HUMS data analysis of hundreds of faulted components and has prevented both precautionary landings and potential accidents. RMCI will present a



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brief introduction to HUMS, the benefits of HUMS, the keys to a successful HUMS program, and an introduction to our HUMS products, XRDS and Krēnō™.

**Justice Technology Information Center: Free Technology Assistance from the United States Department of Justice  
Ben Bolton**

**Exhibit Hall CR #2**

We are a program of the U.S. Department of Justice, National Institute of Justice (NIJ). We provide free technology resources and assistance for federal, state, local, and tribal law enforcement agencies. We are also the body armor standards, testing and certification program for NIJ.

**1500 – 1545 Hours**

**Leonardo – Finmeccanica/AAL,  
AW009: Newest Solution for Airborne Law Enforcement  
Mike Bucari and Brett Harlow**

**Exhibit Floor CR #1**

The refined and attractive AgustaWestland AW009 is a cost-effective, multi-mission capable, light single-engine helicopter – an evolution of the rugged SW-4. An advanced ‘Genesys’ avionics display is now standard in every AW009 to ensure excellent situational awareness; pilots experience an intuitive, easy to fly platform with excellent range and endurance – essential for demanding training and law enforcement missions.

**Cobham Aerospace Communications, RT-7000 Tactical Radio  
John Filmonchik**

**Exhibit Hall CR #2**

Cobham will showcase the new Flexcomm RT-7000 airborne tactical radio.

**FRIDAY, JULY 22, 2016**

**CONVENTION CENTER**

**1100 – 1145 Hours**

**Hoffman Engineering, Automated Evaluation of NVG Performance  
James L. DeLancey**

**Exhibit Floor CR #1**

This presentation will discuss the new automated digital vision system and software to evaluate night vision goggles. In addition, NVIS compatible aviation lighting will be discussed during this briefing.

**Garmin, Meeting the Mandates: Garmin HTAWS, Radar Altimeter and ADS-B Solutions for Aircraft  
Joe Stewart**

**Exhibit Floor CR #2**

This presentation will highlight Garmin’s GDL 88 series ADS-B UAT Transceiver, GDL 39 Dual Link ADS-B “In” Receiver, Aera 660 ADS-B “In” Traffic and Weather display, the GRA 55 Radar Altimeter and the GTN 750H HTAWS system.



### **1300 – 1345 Hours**

**East/West Industries, Introduction to East/West's Helicopter Seats and Master Crane  
Joe Spinosa**

**Exhibit Floor CR #1**

East/West Industries will conduct a briefing on its product line.

**Applied Video Imaging, “Cost and Flexibility Benefits of SDI Video Infrastructure for Mission Systems”  
Bruce Carriker**

**Exhibit Floor CR #2**

Discussion on how SDI video cabling, products, interconnects, and SDI based video products can reduce installation and operational costs while improving mission system flexibility.

### **1400 – 1445 Hours**

**NightFlight Concepts, Inc., “Reimagining Law Enforcement Aviation”  
Adam Aldous**

**Exhibit Floor CR #1**

Night Flight Concepts presents a briefing and discussion on an innovative method of obtaining and continuing airborne law enforcement operations. This presentation will be of benefit to many different agencies and of interest to all levels of command and operations personnel. The focus will be on three different types of operations including; those that currently operate certified aircraft, those who operate military surplus aircraft and those who would like to move into airborne operations but haven't ever operated an airborne unit or done so in recent years.

Whatever is needed and to any level of support, Night Flight Concepts stands ready to assist agencies and their communities. This briefing and discussion is designed to show you the possibilities.

**Becker Avionics; “The Benefits of Digital Intercoms”  
Lee Benson**

**Exhibit Floor CR #2**

This briefing will speak to the advantages and disadvantages that digital intercoms have in the Aviation, law enforcement mission profile. Although facilitated by Becker Avionics this briefing is directed towards informing TFOs, pilots and maintenance technicians about these products in general, so that they might better understand the overall differences in digital and analog systems when making future equipment procurements.

### **1500 – 1545 Hours**

**IMT, Inc., “Downlink Receive Innovations”  
Sean C. Drew**

**Exhibit Floor CR #1**

The presentation will focus on new generation of video downlink antennas that are used for fixed, mobile and portable receive sites. This dramatically reduces cost of installation and material costs. This technology allows for diversity receive systems that cover city and state systems.