



TECH-TALK SCHEDULE

THURSDAY, JULY 28, 2022

Reno-Sparks Convention Center

1100 – 1145 Hours

Aviation Specialties Unlimited, with AT Systems, LLC

Tech-Talk Theater 1

“NVG’s - Spatial Disorientation and Me”

Presented by Anthony Tsantles and Tyson Phillips

ASU and AT Systems will conduct an informative presentation on the common mistakes in the execution of NVG flights, how to identify their potential and prepare for the unplanned events that may lead to an accident.

GPMS

Tech-Talk Theater 2

“Using HUMS to Optimize Maintenance and Safety”

Presented by Ronnie Ries and Josh Kethan

A brief overview of how Health & Usage Monitoring Systems, combined with Engine Monitoring, integrated Rotor Track & Balance, and Flight Data Monitoring solutions can optimize maintenance and safety for public safety operators. Resulting in increased availability and eliminating major cost surprises.

1200 – 1245 Hours

SKYOPS

Tech-Talk Theater 1

“SKYOPS.COM Safety and Compliance”

Presented by Ingmar van Leth

Join the SKYOPS team as they provide a quick tour through the online SKYOPS solution showing customers how our solution delivers safety and compliance to both their manned and unmanned flight operation. SKYOPS consists of flight operation management, safety management, maintenance management and flight crew training modules.



Overwatch Imaging

Tech-Talk Theater 2

“The Latest in Autonomous Imaging Systems for Public Safety Operations”

Presented by Greg Denton

Overwatch Imaging will present current and future developments in AI, computer vision, edge processing and autonomous imaging systems as they relate to airborne public safety operations. Overwatch imaging is an industry leader in cutting-edge multi-spectral autonomous imaging systems and software with strong ties in the public safety sector.

1300 – 1345 Hours

Onboard Systems

Tech-Talk Theater 1

“Longline Search and Rescue Missions”

Presented by Mike Fox

Onboard Systems will hold a discussion and briefing on transitioning from belly-bands to certified HEC systems.

Davenport Aviation

Tech-Talk Theater 2

“Purchasing Aircraft on GSA”

Presented By Rob McMillin

Learn how using GSA makes it easier for public safety agencies to purchase the equipment they need, from aircraft to cutting-edge mission equipment.

1400 – 1445 Hours

Airwolf Aerospace, LLC

Tech-Talk Theater 1

“Airwolf STC for the Installation of True Blue Power Lithium-ion Batteries”

Presented by Eric Wolf and Roy Wiley

Airwolf Aerospace, LLC will conduct a briefing on their True Blue Power Lithium-ion batteries and the FAA STC associated with this product.

Motorola Solutions

Tech-Talk Theater 2

“Scalable Drone Livestream & Remote Operations Solution”

Presented by Phil Cook

In this interactive session, learn how drone software can provide end-to-end support for your public safety agency's UAS program. Whether you're just getting started with your first drone or looking to



scale your unit's operational capabilities to drone as a first responder (DFR) and remote piloting capabilities, you will learn more about the tools you need to succeed. Discover how to integrate drone technology into emergency response workflows to respond quicker to active situations and capture an evidence-grade record of events to assist emergency response teams to rapidly make informed decisions from a safe distance - ultimately reducing injuries and saving lives.

1500 to 1545 Hours

Skydio

Tech-Talk Theater 1

"US Drones for Aerial Situational Awareness in Law Enforcement"

Presented by Scott Cullinane

Now more than ever before, achieving rapid and accurate situational awareness is vital for law enforcement agencies across the country, and drones have quickly become the go-to tool for this critical application. Autonomous drones developed by Skydio provide additional value through AI pilot assistance that allows anyone to fly like an expert pilot. Learn how Skydio Autonomy can help you build your UAS program and improve operational safety.

Axnes, Inc.

Tech-Talk Theater 2

"The Mission Wireless Intercom System"

Presented by Brett Gardner and Steve Mickels

Axnes, Incorporated will discuss its Wireless Intercommunications Extension System, enhancing mission situational awareness and safety.

FRIDAY JULY 29, 2022

Reno Sparks Convention Center

1100 to 1145 Hours

Concorde Battery Corporation

Tech-Talk Theater 1

"Lead Acid Aircraft Battery Airworthiness"

Presented by Bob Burkel

The battery is the heart of your aircraft. Concorde Battery Corporation presents the best practices (or recommended methodologies) to properly service, capacity test, and charge your battery. The goal is to safely maximize the life of your battery by using established and proper maintenance practices. Additional topics include lead acid aircraft battery ratings, commissioning of lead acid aircraft batteries, cleaning & storage, installation eligibility and an overview of battery technologies in the marketplace.



PS-Engineering, Inc.

Tech-Talk Theater 2

“Cockpit Audio Management Solutions for Airborne Law Enforcement”

Presented by Greg Ledbetter

Airborne audio systems are tied to every aspect of the aircraft from the transceivers, each crew & TFO intercom station, multiple audio alerts, discrete triggers including flight recorders, mission computers and PA systems. This presentation will give you a good opportunity for Q&A and will show you the latest technology in digital audio systems. Including some digital audio systems specifically design for "plug n play" installations with legacy analog systems to help save on cost and valuable downtime.

1200 to 1245 Hours

S.A.F.E. Structure Designs

Tech-Talk Theater 1

“Safety and Efficiency through Unique Ergonomic Solutions”

Presented by Johnny Buscema

S.A.F.E. Structure Designs is a global leader in ergonomic maintenance safety-first support equipment for the aviation industries. We are an n ISO 9001:2015 company supporting both the civilian and military sector with our design, engineering and manufacturing capabilities. We guarantee an ergonomic form, fit & function through creative and customizable project solutions for just about any application involving land, air, sea or space. We have seven manufacturing facilities located in the USA, each with its own unique set of capabilities.

Rhotheta International, Inc.

Tech-Talk Theater 2

“Integrating Direction Finding with Modern Airborne Public Safety Glass Cockpits and Mission Suites”

Presented by Ventura Rigol & Michael Silva

The Rhotheta SmartDF iOS App remote controls the Rhotheta RT-600 airborne wideband directional finding & tracking system from an iPad over a Bluetooth Low Energy (BLE) wireless link. A flexible architecture gives the airborne public safety agency the choice to install the RT-600 controller (display-control unit or DCU) either on the instrument panel or in the avionics bay thereby freeing valuable real state on the panel.

1300 to 1345 Hours

SkyBrowse

Tech-Talk Theater 1

“3D Modeling Simplified”

Jeff Clementi

June 20, 2022



Emergency response has always been inefficient... until now. With one tap in SkyeBrowse's IOS application, Public Safety agencies with drone programs can now document a scene in 90 seconds with our patented videogrammetry software, instead of 45 minutes with pictures. For years, we have accepted the inefficiency of emergency response as a reality. Fifty years ago, public safety departments used measuring tapes to document scenes in five hours. Ten years ago, departments used laser scanners and cameras to document the scene in five hours. Fast forward to today and drones have entered the equation. With SkyeBrowse's program, all the evidence is collected in under five minutes with little to no training. The days of officers spending five hours on scene with measuring tapes and total stations are over. Now with SkyeBrowse, scenes are documented in under FIVE minutes. SkyeBrowse was designed by public safety for public safety.