

# PAvCon 2017 DAILY PROGRAMME

Conference being held in "The Orangery" ground floor of:

**The Best Western Premier Mount Pleasant Hotel, Great North Road, Doncaster.**

Registration is open Monday 0900-1500  
Tuesday and Wednesday 0830-1500

## Monday 5 June 2017

1000 - 1800

### A MASTERCLASS WITH JACK SCHONELY

*The tactics of Perimeter Containment.*

## Training Day

An all-day session designed for both air crew and street duty officers led by a widely-acknowledged expert in the field who has spent over 30 years in working as a street duty officer and an aviator and so can talk authoritatively on the subject.

Jack has been working on the front lines of law enforcement in a wide variety of field assignments for three decades. In the USA, he is a nationally recognised expert in suspect tactics and perimeter containment and is a sought after tactical trainer. He is uniquely qualified to instruct and write on the topics of perimeter containment, search techniques, tactics used by suspects, use of force, and a wide variety of air crew topics.

This recognition carries forward to Europe and he has already brought his skills to PAvCon once before [2016 in Munich] as well as sessions for the air units in The Netherlands and Belgium both before and since.

Jack started his law enforcement career as a Deputy Sheriff in Berks County PA before moving to Los Angeles in 1983 and joining the Los Angeles Police Department [LAPD].

After joining the LAPD, Jack worked as a patrol officer where he was first exposed to the concept of perimeter containment as an effective way to apprehend suspects fleeing on foot. He was involved in setting up and working perimeters as a team on a nightly basis while working as a patrol officer.

After a few years assigned as a dog handler [K-9] he took up a post as a Tactical Flight Officer (TFO/observer) with LAPD's Air Support Division coordinating tactical operations on a nightly basis. Many of these incidents involved foot pursuits and perimeter containments. He moved on to training as a pilot and became a Certified Flight Instructor in rotorcraft.

Jack has participated in over 2,000 perimeter containments during his career, and he has seen many successes and failures. He has shared his experience with law enforcement officers across the globe instructing on this topic.

*This day will include suitable coffee breaks of 20-30 minutes in the morning and afternoon and a lunch break of approximately 1 hour.*

***The majority of the PAvCon event is free at the point of delivery but this day attracts a charge of £75pp from industry and £28pp for police and emergency services personnel.***

*The Tuesday -Wednesday exhibition will be set up from about 1200 -1800hrs Monday in rooms adjoining the conference.*

# Day One

**Tuesday 6 June 2017**

Registration: 0830-0900

**0900 Welcome** by the Organiser and Chairman

**0905 Welcome** by Chief Superintendent Tyron Joyce Chief Operating Officer and NPAS Accountable Manager

## **SESSION: OPERATIONS**

**0910 NPAS Introduction** Captain Ollie Dismore NPAS Director of Operations

**0930 Combined Tactical Air Cell (CTAC).** A broad outline by Steve Jones QPM. Assistant Operations Director (AOD) with NPAS covering the North West and North East regions. As well as looking after the regions he is the lead on CTAC.

**0950 High Rise Rescue** Glenn Daley [Lt NYPD] Even if you never have the misfortune to be stranded on the roof of a burning skyscraper or have to rescue others from the same predicament you will find this a fascinating presentation on the trials and tribulations associated with this area of operations. This includes insights into 9-11 by an officer directly involved.

**1050** Coffee break

**1120 Tactical Flight Officer Training in the Netherlands** Harald Brink Tactical Flight Officer (TFO) / Despatcher / Instructor KLPD. There are many ways to undertake crew training and this is from the viewpoint of a major operator on the European mainland.#

**1200 Air Policing of a Major Event (s) - a *once in a lifetime experience*.** Gary Smart, Inspector South Wales Police. Fresh from planning and overseeing a major sporting event the presentation will provide insights into gaining and interacting with air support in South Wales.

**1230 Lunch** [90 minutes] Lunch until 1300hrs and the options of taking in the two 20-minute industry presentations in the conference room, the exhibition and the static display in the hotel grounds

**Industry presentation 1.** Adam Brierley MSc CPhys Product Development Director and joint founder of Brinell Vision & ST Laserstrike in the UK. He has been involved in the development and introduction to market of world class advanced optical thin film technologies for more than 20 years. His presentation is on work in areas of Laser optics, Laser protection, cockpit display & NVIS and sensors for aerospace and astronautics.

**Industry presentation 2.** Pete Hughes a Director with Insitu Mission Systems UK "Insitu UAS – Airborne Sensing for Security Operations

## **SESSION: FLIGHT SAFETY 1**

**1400 NPAS Introduction** James Cunningham MBA FInstLM MCMI, Head of Aviation Safety UK Police Aviation.

**1410 Flight Safety – an introduction.** Bryan Smith, Safety Officer of the Airborne Law Enforcement Association/Chief Pilot Pinellas County Sheriffs Dept., Sanford, Florida. An introduction to the flight safety session on Wednesday.

**1430 Development of Effective Flight Risk Assessment Tools [FRAT].** Bill Proberts Chief/Pilot & Unit Supervisor – Regional Parks Police (SF Bay Area, California) Lead Assessor - Public Safety Aviation Accreditation Commission (ALEA/PSAAC)

**1600 Use of shared situational awareness for enhancing the safety and utility of aircraft.** William Moore the CEO-Airbox Systems delivering a presentation the use of tablets in ground to air cooperation.

**1520** Coffee Break

## TECHNOLOGY & PROCUREMENT

**1545** NPAS Introduction Ollie Dismore

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**1500 Software Options** Steven Morgan of Rocket Route is presenting on Flight Planning Software options built for the Police and Emergency services in conjunction with a number of operators, including the Bundespolizei, Hesse Polizei, OAMTC and Rega amongst others.

**1630 What do an inkjet printer and helicopter have in common?** John Osmond, Helimetrics Ltd., The basics of procurement. You know you need the product but can you afford it?

**1650 Operating unmanned aircraft in a police environment** Jan Verbruggen Belgian Police Air Support presents real time problems faced by the long established and manned police air support operation at Brussels Airport operating the new technology of unmanned craft in support of police operations. Jan will be able to provide a valid opinion of where unmanned craft can save money if comparison with manned craft.

**1715 Upgrading the EC135T2 for the NPAS fleet.** Andy Watson NPAS

**1735** Wind up of day [option of forum Q&A]

Time enough to spare before the evening meal sponsored by Bell Helicopter. The hotel bars are open. The Bell event is for those already pre-booked via the event organisers.



# Day Two

## Wednesday 7 June 2017

Registration 0830-0900

**0900** The Chairman's bit

### SESSION: FLIGHT SAFETY 2

**0905** Bryan Smith Safety Officer of the Airborne Law Enforcement Association/Chief Pilot Pinellas County Sheriffs Dept., Sanford, Florida. A masterclass in Flight Safety.

**1000** Glenn Daley [Lt NYPD Ret.] IIMC Survival

**1045** Coffee Break

### UNMANNED AERIAL SYSTEMS

**1115** NPAS Introduction by Russ Woolford

**1125** Staff Sergeant Dave Domoney Royal Canadian Mounted Police [Ret] The UAS scene in Canada

**1230** Lunch [90 minutes] Lunch until 1300hrs and the options of taking in the two 20-minute industry presentations in the conference room, the exhibition and the static display in the hotel grounds.

*Industry presentation 1.* Javier Chamorro of Centum Research & Technology presents new technology to support Border Control missions.

*Industry presentation 2.* Kevin Rooney, Managing Director, Video Management at Curtiss-Wright 'How do you select the right airborne display for your mission?' Being able to look at clear images in an airborne surveillance mission is very important, no matter what the light conditions. But the array of display features and capabilities offered can be bewildering, so what is best for you? SD or HD, resistive or capacitive touchscreen? Do you need NVIS, or what is 4K or OLED? How do you manage multiple images: turret, map computer, hoist/tail boom cameras; and why can I not just use a tablet/iPad? What's next - Augmented Reality? Kevin discusses such issues to help you make the best decision.

**1400** Dave Morton UAS Lead with the Federal Aviation Authority [Ret]. UAS—Bringing the technology to certification

**1500 Bill Probets** Chief/Pilot & Unit Supervisor – Regional Parks Police (SF Bay Area, California) Lead Assessor - Public Safety Aviation Accreditation Commission (ALEA/PSAAC) Hazard & Incident Reporting Basic Root Cause Analysis (with 10 minute class exercise)

**1530** Coffee Break

*[Followed by Exhibition strike down]*

**1545 Peter Roberts** Centre for Search Research.  
Operation O'Donnell Revisited Northumberland 2017

**1615 Paul Trimble**, CEO of Search Systems and pilot of UAS for the Northern Ireland Civil Air Patrol.  
Drones to the rescue

**1635 Joseba Mendizabal**. Rescue pilot, Spain. Title to be confirmed. Rounding off the proceedings is the much sought after slot presented by the man from Bilbao.

**Around 1700hrs** ..... Thanks to you from The Chairman **Gareth Davies** and the Organiser **Bryn Elliott** and some words for next year's event which will be far from Doncaster.