

Drones and Aerodromes: Threats and Opportunities

Monday 4th March 2019

London, UK

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Conference Moderator: To be confirmed

8.30 Registration

9.00 Opening Remarks

Panagiotis Panagopoulos, CEO & Founder, Aeropodium

9.10 The arrival of drones: A challenge for the safety regulators

Filippo Tomasello, Senior Partner, EuroUSC Italia

9.40 PANEL DISCUSSION

Drones: A disruptive innovation for aviation?

Ed De Reyes, Chairman, CEO and Co-Founder, Sabrewing Aircraft Company

Richard Ryan, Barrister, Blakistons

10.30 Networking Coffee Break

11.00 PANEL DISCUSSION

The operators' concerns

Mark Blois-Brooke, Chief Pilot, TAG Aviation UK & Malta

Julie Garland, CEO, Thunder Tiger Aviation

Michael Hulme, Director, Surrey Visuals

Patrick JG Margetson-Rushmore, Chief Executive, Luxaviation United Kingdom

Capt. Thomas Mildenberger, Technical Expert ADO and UAS Matters, European Cockpit Association

12.00 PANEL DISCUSSION

The airports' perspective

John Drysdale, Business Development Manager for the International Aviation Services Centre, Shannon Group

Damon Knight, Head of Air Traffic Services, Southend Airport

David Sutcliffe, Metis Aerospace

13.00 Networking Lunch Break

14.20 PANEL DISCUSSION

Social benefits and concerns in the use of drones

Moderator: Graham Brown, CEO, ARPAS-UK

Robert Garbett, Chief Executive, Drone Major Group

Dominic Kelly, Managing Director and Founder of CBRNE and DroneOps

Filippo Tomasello, Senior Partner, EuroUSC Italia

14.50 Insuring drone risk

Matthew Day, Director, Hayward Aviation

15.20 Networking Coffee Break

15.50 PANEL DISCUSSION

Liability issues

Giles Kavanagh, Partner and Global Head of Aerospace, HFW

Prof. Anna Masutti, Senior Partner, LS Lexjus Sinacta

16.20 PANEL DISCUSSION

Safety and security regulations

Richard Gill, Founder & CEO, Drone Defence

Richard Ryan, Barrister, Blakistons

Avner (Nery) Yarkoni, Adv.

17.20 Concluding Remarks

SPEAKERS

Julie Garland, CEO, Thunder Tiger Aviation

Julie is currently the CEO of Thunder Tiger Aviation, a subsidiary of Zhong Ze Cultural Investment Holdings Ltd. She is a former Barrister at Law, a Fellow of the Chartered Institute of Arbitrators, an Airline Training Captain and Aircraft Maintenance Engineer and prior to undertaking her position as CEO of Thunder Tiger Aviation (TTA) she was Director Compliance for Norwegian Air International. She is an Irish Aviation Authority (IAA) Authorised Examiner for all Drones up to 75kgs in the Helicopter, Multi Rotor and Fixed Wing Categories for the grant of Pilot Competence Certificates and for Specific Operating Permissions and founding Chair of the Unmanned Aircraft Association of Ireland. She also heads up Thunder Tiger Aviation Training, an IAA Approved drone training school currently headquartered at Fitzwilliam Square and expanding globally.

Richard Gill, Founder & CEO, Drone Defence

Richard believes that drone technology is going to change the way we view, interact with and eventually move around the world.

Everything his businesses do is about enabling drone technology and demonstrating its potential.

However, he recognised that some people would wish to subvert drone technology for their own gain.

It is his mission to protect people and organisations from the harmful use of commercial drone technology.

An accomplished record-breaking and award-winning technology innovator, entrepreneur, drone expert, public speaker and commercial industry professional.

Richard's former life as an officer in the British Armed Forces brought exposure to the benefits of Drones in operational theatres around the world, whilst also highlighting some of the challenges.

Finding solutions is his game. Disruption is his strategy. Innovation is his mindset. Richard's insights bring understanding, value, security, peace of mind, situational awareness and create growth for government, industries, and organisations.

A commercial drone entrepreneur and executive leader with years of strategic and tactical success in technology-based enterprises and initiatives with unparalleled technological innovation. Richard has provided a legacy of mission-critical and world-class counter drone solutions across government, business and industry.

Richard is the founder and CEO of Drone Defence, the UK's first drone focused security consultancy offering the latest technology, techniques, and procedures to help organisations protect themselves from the harmful use of commercial drone technology.

Dominic Kelly, Managing Director and Founder of CBRNE and DroneOps

Dominic Kelly, with military experience, founded CBRNE Ltd in 2008 to deliver European Union Framework Programme 7 and Horizon 2020 security research projects. These have included Project PRACTICE and EDEN addressing Chemical, Biological, Radiological and Explosive issues, Project D-BOX for humanitarian de-mining, Project SUBCOP looking at less than lethal methods for dealing with person born improvised explosive devices (PBIED). Present day activities include Project

ENTRAP which is looking at ways to interrupt a terrorist explosive event along the timeline of an event and Project MAGNETO which is researching ways to revolutionise the capacity of Law Enforcement Agencies (LEAs) to deal with diverse and extreme volumes of data arising from crime prevention and investigation. DroneOps Ltd was started in 2015 with the aim of researching and developing flying platforms to address some of the capability requirements of the afore mentioned projects. Since then DroneOps has broadened its research activities to encapsulate commercial and industrial applications.

Prof. Anna Masutti, Senior Partner, LS Lexjus Sinacta

Anna Masutti is tenured Professor of Air Law and European Transport Law at the University of Bologna and head of the Department of Aviation & Aerospace - LS Lexjus Sinacta Law Firm, Italy. Her practice on aviation law focuses on a wide range of legal and commercial aspects. She frequently contributes to European programmes including those related to RPAS and their regulation.

In addition, Anna Masutti is Editor of 'The Aviation and Space Journal' edited by the University of Bologna. She is in the board of the European Air Law Association (EALA), legal advisor in the IBAA's board (Italian Business Aviation Association) and officer of the Aviation Committee of International Bar Association (IBA). From 2003 to 2007 Professor Masutti served as member of the Legal and Economic Committee of the Italian CAA (ENAC).

Capt. Thomas Mildenerger, Technical Expert ADO and UAS Matters, European Cockpit Association

Capt. Thomas Mildenerger, born in the southwestern part of Germany, started his professional career as an air surveillance control officer in the German Air Force. After his term, he became a professional pilot on Boeing, Lockheed and Airbus-Aircraft. Since 1999 as flight captain, he flew the Airbus A330 and A320 on a worldwide network with 16.000 hours experience. During all that time, he also served his home association, Vereinigung Cockpit e.V. (VC), in different functions, becoming Vice-President of VC and Vice-chairman of the European Cockpit Association. As executive director technical affairs (technical director) of European Cockpit Association he 2005 started dealing especially with EASA and UAS. Since 2006, he serves the pilot associations ECA and IFALPA as technical advisor regarding RPAS. He is IFALPA's member in the ICAO RPAS Panel and used to be chairman of IFALPA's, ECA's and his home associations' RPAS working groups.

Filippo Tomasello, Senior Partner, EuroUSC Italia

Filippo was flight test engineer in Italian Air Force until 1984. Subsequently, he was responsible in ENAV (Italian civil Air Traffic Control) for R&D and modernisation projects, for automation. Manager for Northern Europe in EUROCONTROL since 2000. From 2005 at European Commission on accident investigation and extension of EASA remit to ATM/ANS and aerodromes. In EASA from 2007 to Jan 2015, as rule-making officer, developed rules on ATM, aerodromes, flight operations, flight crew licensing and initial airworthiness, including related impact assessments. Since 2008 he was focal point for rulemaking on Unmanned Aircraft. Member or chair of several ICAO bodies, including the UAS Study Group which developed the ICAO "Manual" on the subject. In JARUS, rapporteur of WG/2 (organisations). Now Professor on ATM and safety at <http://www.unifortunato.eu> Having left EASA in January 2015, he was founder of <https://www.eurousc-italia.it/en/home-2/> where now he is Senior Partner. He also supports the Qatar participation to JARUS and, in ICAO, is member of the Space "Learning Group" and observer in the RPAS Panel. Member of Eurocae WG 105 (UAS) n behalf of University Giustino Fortunato and of ISO TC/20 SC/16 on behalf of Italy (UNI). In China he is Foreign Expert at <http://ev.buaa.edu.cn/> since 2017.

Avner (Nery) Yarkoni, Adv.

Nery Yarkoni started his career as a pilot in 1976 as pilot in the Israeli Air Force, in which he served as fighter pilot until 2013 (colonel), most of them (30 years) as a F-16 pilot.

At the same time, he developed a parallel career as an aviation expert lawyer (from 1991), air accidents investigator (from 1986), and 747 pilot (from 2007).

He also served as district attorney in I.D.F and as D.G. of Israeli CAA.