

ALEA EXPO 2015
HOUSTON, TX JULY 13-18



AVIATION SAFETY OFFICER COURSE

LOCATION:

Houston Convention Center;
 Room 360 B/E

COURSE LENGTH:

Three days, 24 classroom hrs.

DATE / TIME:

Monday, July 13 –
 Wednesday, 15, 2015
 0800 – 1700 hours each day

INSTRUCTORS:

Dr. Dudley Crosson

Ph. D. Aviation Physiology; Delta P //
 ALEA Aeromedical Liaison

Dudley Crosson, PhD is the Principal of Delta P, a Aeromedical Safety company in Port St. Lucie (FL). An Aeromedical Safety Officer (AmSO) is an aerospace psychologist who is also a qualified aviation safety officer. Dr. Crosson provides aeromedical safety support various public safety and non-Department of Defense aviation units.

From 1988 to 2002, Dudley Crosson was a consultant in Aerospace Physiology for NASA flight operations. Since 9/11, he has functioned as an AmSO for various public safety aviation and non-DoD aviation units.

Current Collateral Responsibilities:

-Aeromedical Liaison to the medical community for the Airborne Law Enforcement Association (ALEA).

-Member of the Aerospace Medical Association's (AsMA) Aviation Safety Committee

-Visiting Professor (Aerospace Physiology) at the University of Hawaii – Hilo

-Member of the CAMTS Aviation Advisory Committee

Deputy Bryan Smith

Chief Pilot; Lee County Sheriff's
 Aviation Division // ALEA Safety
 Program Manager

Bryan Smith is ALEA Safety Program Manager for ALEA. He currently works for the Lee County (FL) Sheriff's Office as a pilot in both rotary- and fixed- fixed-wing aircraft and serves as an instructor pilot.

COURSE OBJECTIVES: This course is designed to provide both the newly assigned and/or experienced Aviation Safety Officer (ASO). The class incorporates all aspects of successfully implementing a safety program (SMS), understanding the duties and responsibilities of an ASO, public aircraft laws, initial/preliminary accident investigation, etc. ... - all geared toward what an ASO must know. Successful completion requires attendance at all 24 hours of classroom courses.

Maximum enrollment: 60

Sponsored by Baldwin Aviation, Inc.

INTENDED AUDIENCE: This course is intended for law enforcement Aviation Safety Officer's that are responsible for the safety program of a law enforcement aviation unit. It is HIGHLY recommended that students have attended SMS training prior to attending this course.

COURSE OUTLINE

DAY ONE		
0800 – 0830	Introductions and Duties of an ASO	Dr. Dudley Crosson
0830 – 0930	Elements of a Safety Program	Bryan Smith
0930 – 1030	Emergency Response Planning	Bryan Smith
1030 – 1200	Flight Safety Reporting Systems	Sunshine McCarthy
1200 – 1300	Lunch On Own	
1300 – 1530	Risk Management Techniques	Bryan Smith
1530 – 1700	Aeronautical Decision Making	Dr. Dudley Crosson

DAY TWO		
0800 – 0930	PPE	Dr. Dudley Crosson
0930 – 1100	Safety Inspections and Audits	Josh Goldschmidt
1100 – 1200	Safety Education and Training	Sunshine McCarthy
1200 – 1300	Lunch On Own	
1300 – 1430	Fitness for Flight	Dr. Dudley Crosson
1430 – 1600	Human Factors, SMS and Maintenance	Richard Komarniski
1600 – 1700	Practical Application of Safety	Bryan Smith

DAY THREE		
0800 – 1030	Accident Investigation	Scott May
1030 – 1200	Practical Applications of Safety	Bryan Smith
1200 – 1300	Lunch On Own	
1300 – 1600	Case Studies	Bryan Smith // Dr. Dudley Crosson
1600 – 1700	Panel Discussion, Course Review and Critique	Bryan Smith // Dr. Dudley Crosson

AIRBORNE LAW ENFORCEMENT ASSOCIATION / FIXED-WING OPERATIONS COURSE / INSTRUCTOR PROFILES:

Officer Bryan Smith (continued) ...

Bryan also works on the International Helicopter Safety Team where he has chaired the SMS Committee and worked on the flight training workgroup. He has a B.S. in Criminology & Law from the University of Minnesota and a M.S. in Criminal Justice Administration, with a emphasis in safety management, from Florida Gulf Coast University. Over the last eight years he has been a regular instructor at ALEA events around the country. Bryan is dedicated to finding reasonable and effective safety solutions specifically for the public safety aviation industry, which have real impact on not only safety but industry performance as well.

Sunshine McCarthy

Director of Training; Baldwin Aviation, Inc.

Sunshine McCarthy is the Director of Training for Baldwin Aviation Safety & Compliance. Sunshine is an accomplished training facilitator and speaker, and has broad international business experience working with the aviation industry throughout the world. Through her career she has gained considerable experience and expertise in the areas of aviation safety, organizational management, training, and staff development. Prior to joining Baldwin, Sunshine held leadership roles at Service Elements International, a business aviation organizational development company and MedAire, Inc. a service provider to the aviation industry. Previous to that, she held a number of positions with US Airways, including Training Specialist and Manager of Cabin Safety – the latter of which gave her responsibility for all safety issues related to the aircraft cabin environment. She has also worked as a Community Development Volunteer with the US Peace Corps in Cape Verde, Africa.

Sunshine holds a Certificate in Aviation Safety from the University of Southern California and a B.S. in Human Resources from Geneva College and a Master of Arts Degree in Education from Prescott College.

Sergeant Josh Goldschmidt

Sergeant, Portland (OR) Police Department

Josh has been a member of the Portland Police Department for the past 20 years. During this time frame, he has worked a variety of assignments throughout the department. Josh has been assigned to the Air Support Unit for the past 16 years and is currently the Chief Pilot. He holds a Commercial Fixed-Wing rating and is a Certified Flight Instructor. Josh currently has over 2,200 flight hours. Josh has been an instructor for ALEA for the past 4 years at the annual conference and several regional conferences.

Richard Komarniski

Grey Owl Aviation Consultants, Inc.

Richard is the founder and president of Grey Owl Aviation Consultants Inc., a leading provider of human factors training, has been active in the aircraft maintenance field since 1974. He holds Canadian and U.S. Pilot and Aircraft Mechanic Certificates and has worked as a Director of Quality Assurance, Base Engineer, and Airworthiness Inspector. Richard has dedicated his time since 1991 to maintenance error reduction by developing and facilitating human factors workshops for the aviation maintenance community as well as Safety Management System and Fatigue Risk Management Systems training for organizations. Additionally, Richard enjoys sharing his ideas on aviation safety through industry publications and at association conferences.

He has published numerous articles on human factors, safety management systems and aviation safety in industry publications including AMT, DOM and AMU. In 2008 Richard was the recipient of NAASCO AMT of the year Award. His expertise has been sought after as a presenter at annual conferences such as National Business Aviation Association, Helicopter Association International, Airborne Law Enforcement Association, Western, Central and Ontario Aircraft Maintenance Engineers Association, Aeronautical Repair Station Association and this is his 8th year at the Bombardier Safety Stand-down.

Richard is a contributing author for "Implementing Safety Management Systems in Aviation" published by Ashgate June 2011. He is appointed as a National Member of the FAASTeam.

Sergeant Scott May

Sergeant; Lexington (KY) Police Department

Scott has been a member of the Lexington Police Department for over 25-years. Scott was instrumental in planning and starting his departments aviation unit, as he oversaw the acquisition of an OH-58 military excess helicopter, the aircrafts overhaul and re-furbishment and the start-up of the unit. Scott is an FAA Commercially rated helicopter and airplane pilot. He is also an FAA Safety representative and a part of the FAA FAASTeam. Scott has taught for ALEA for several years and specializes in accident investigation and new-unit start-up.