



Fixed-Wing Operations Course

LOCATION:

Savannah Convention Center;
Room 202

COURSE LENGTH:

Three days, 24 classroom hrs.

DATE / TIME:

Monday, July 18 –
Wednesday, 20, 2016
0800 – 1700 hours each day

INSTRUCTORS:

Josh Goldschmidt

Sergeant, Portland (OR) Police Department

Josh has been a member of the Police Bureau for 22 years. During this time he has worked as a patrol field training officer, Training Division instructor, various investigative assignments and as a member of the SWAT team. Josh has served as an Air Support Unit TFO and Pilot for over 19 years. While serving as the Air Support Unit Training Officer Josh developed the unit's first formal training curriculum. He is currently the Chief Pilot. Josh has over 2500 flight hours, holds a Commercial Fixed-Wing rating and is a Certified Flight Instructor (CFI). This will be Josh's 9th year as an instructor at the ALEA Annual Conference.

John Nielsen

California Highway Patrol (Retired)
John Nielsen spent 24 of his 30 years in law enforcement as a fixed wing pilot for the California Highway Patrol.

During his career in airborne law enforcement, he helped introduce the concept of adding a high power IR camera to his squads assigned airplane, with the goal of expanding the level of service provided by the CHP fixed wing fleet.

After years of developing tactics in utilizing ISR technology, his fixed wing crew became one of the most active and productive law enforcement programs in the nation, with 200 pursuits and 600 arrest in a single years activity.

John retired from the CHP in 2014, and is now a partner in Air Bear Tactical Aircraft. Air Bear is a one stop Airborne surveillance partner,

COURSE OBJECTIVES: This course is designed to provide the student with an extensive education related to the operation of fixed-wing aircraft for law enforcement use. In times of fiscal constraints, fixed-wing aircraft have proven to be an economical solution to providing aviation assets for law enforcement agencies. The curriculum for this course will guide the student through the various missions and applications of fixed-wing aircraft operations. In addition, the course extensively covers the use of these aircraft in all aspects of law enforcement airborne operations. Successful completion requires attendance at all 24 hours of classroom courses

Maximum enrollment: 60

INTENDED AUDIENCE: This course is intended for law enforcement personnel that are considering or are operating fixed-wing aircraft.

COURSE OUTLINE

DAY ONE		
0800 – 0930	Introductions, Missions and Applications	Josh Goldschmidt
0930 – 1030	Fixed Wing Case Study	Josh Goldschmidt
1030 – 1200	Airborne Traffic Enforcement	John Nielsen
1200 – 1300	Lunch On Own	
1300 – 1500	Fixed-Wing Technology and Equipment	Rich Bookbinder
1500 – 1700	Fixed-Wing Patrol Tactics	John Nielsen

DAY TWO		
0800 – 0930	Surveillance, Tactics and Planning	Josh Goldschmidt
0930 – 1100	Training and Planning for Emergency Procedures	Josh Goldschmidt
1100 – 1200	Pre and Post Accident Survival Considerations	Brian Sweeney
1200 – 1300	Lunch On Own	
1300 – 1500	Safety and SMS	Bryan Smith
1500 – 1700	Aviation and Physiology Update	Dr. Dudley Crosson

DAY THREE		
0800 – 0930	Human Factors: IIMC	Rich Bookbinder
0930 – 1100	Crew Resource Management	Dr. Dudley Crosson
1100 – 1200	Mission Risk Analysis	Glenn Daley
1200 – 1300	Lunch On Own	
1300 – 1500	Fixed-Wing SAR Operations	John Nielsen
1500 – 1600	Fixed-Wing Case Study	Rich Bookbinder
1600 – 1700	Course Review and Critique	John Nielsen

Sponsored by



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

John Nielsen (continued) ...

providing mission ready solutions with the right aircraft, mission equipment, training, and special financing . Air Bear takes on the role of a unique prime contractor, and is responsible of all aspects of implementation and delivery of ISR aircraft that is both effective and cost efficient to operate and maintain.

Rich Bookbinder

Sergeant, California Highway Patrol

Rich has been a California law enforcement officer for the past 18 years, and has over 25 years as a professional pilot. He has served as the CHP's Unit Safety Officer from 1998 to 2010 and as the CHP's Chief Airplane Pilot since 2012. Rich holds an Airline Transport Pilot rating (MEL), Commercial/Instrument rating for both fixed-wing and helicopter and a Certified Flight Instructor (CFI) rating. He has over 10,000 hours of combined fixed-wing and helicopter flight time.

Rich is a long-time ALEA instructor. He holds a Bachelors Degree in Aeronautical Science from the Embry-Riddle Aeronautical University.

Bryan Smith

Officer/Chief Pilot, Seminole County (FL) Sheriff's Office // ALEA Safety Program Manager

Bryan Smith is the current Safety Program Manager for ALEA. He currently works for the Seminole County (FL) Sheriff's Office as a pilot in both rotary- and fixed-wing aircraft and serves as an instructor pilot. Bryan also works on the International Helicopter Safety Team where 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 had the privilege of being 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.

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 physiologist who is also a qualified aviation safety officer. Dr. Crosson provides aeromedical safety support to 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 U of HI - Hilo*
- Member of the CAMTS Aviation Advisory Committee*

Glenn Daley

Lieutenant, NYPD Aviation Unit (Retired)

Glenn served with the NYPD from 1981 to 2004. During his 23-year career he held numerous enforcement assignments, including assignment to the Emergency Service Unit. His duties there included specialization in high-rise rescue's and tactical operations. In 1993 he was assigned to the Aviation Unit at the rank of Sergeant as a Pilot/Operations Supervisor. In 2000, he was promoted to Lieutenant and continued to serve in the Aviation Unit performing duties of SAR Pilot, Instructor Pilot and Platoon Commander until his retirement in 2004.

Glenn is a graduate of Embry-Riddle Aeronautical University. He holds a Masters of Aeronautical Science degree, with concentrations in Aviation/Aerospace Safety and Aviation/Aerospace Operations.

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

Glenn Daley (continued) ...

Glenn currently serves as an SMS consultant/instructor for 'The Squadron' consulting firm. He served as an S-76 Captain and Director of Operations for the Associated Aircraft Group division of Sikorsky Aircraft from 2004 – 2012. He currently serves as a Sikorsky S-76 VIP Captain in the New York Metro area.

Glenn holds the following ratings:

- Airline Transport Pilot – Helicopter*
- Airline Transport Pilot – Multi-Engine Land*
- Certified Flight Instructor (CFI) – Helicopter*
- Certified Flight Instructor (CFI) – Airplane*
- Instrument Flight Instructor – Helicopter*
- Instrument Flight Instructor – Airplane*

Brian Sweeney

Officer, Portland (OR) Police Department

Brian has been a member of the Portland Police Bureau for 16 years. During this time, he has worked a variety of assignments throughout the department.

Brian has been assigned to the Air Support Unit for the past 4 years and is currently a Tactical Flight Officer and Pilot within the unit.

Brian holds a Commercial Pilots License (SEL/MEL) rating and is working towards becoming a Certified Flight Instructor (CFI).

Updated: May 26, 2016