

Answering The Call

Everett Community College
Aviation Maintenance Technology
Annual Teaching & Learning Retreat

Presented By:

Steve Tuggle, Tenure Track Faculty

Shay Mohn, Tenure Track Faculty

Answering The Call

Overview

- Responding to the call within
 - What drew us here, and what keeps us motivated?
- Responding to our local business partners
 - How do we keep our finger on the pulse of aviation maintenance?
 - What is the Aviation team doing to meet the needs of our expanding industry?

Answering The Call

Responding to the call within

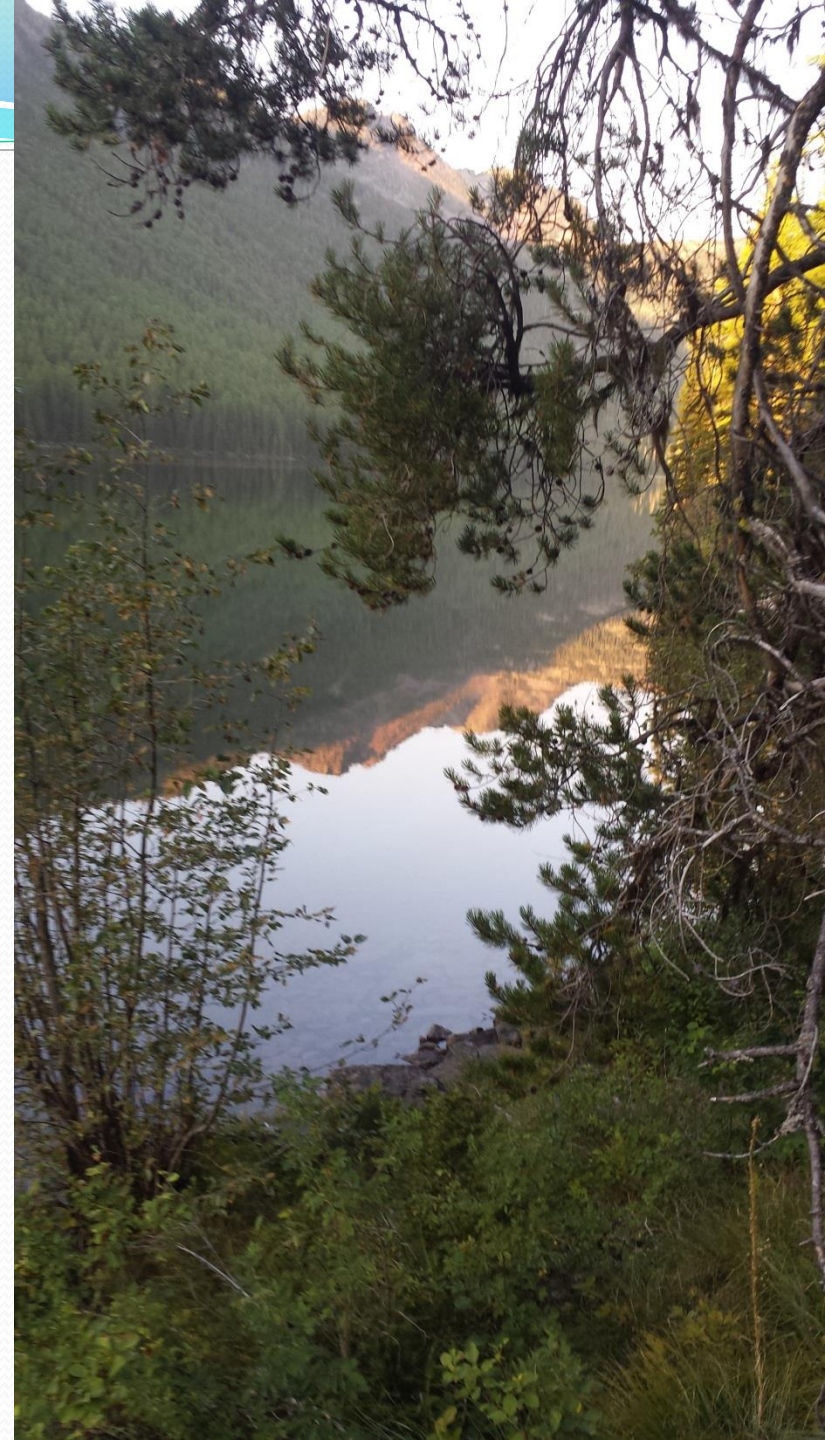
What drew us here, and what keeps us motivated?

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- Dale Lerback:
 - Delta Airlines, United Express, ATS, Volant, NAT/Zodiac
- Shay Mohn:
 - Textron Aviation-Cessna, Atlantic Southeast Airlines.
- Steve Tuggle:
 - U.S. Air Force

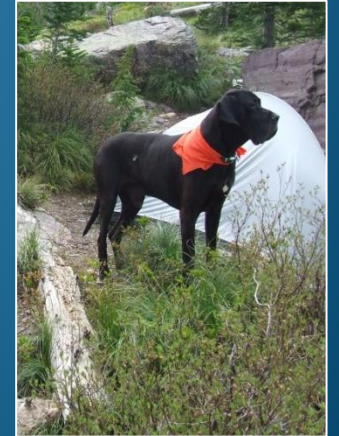
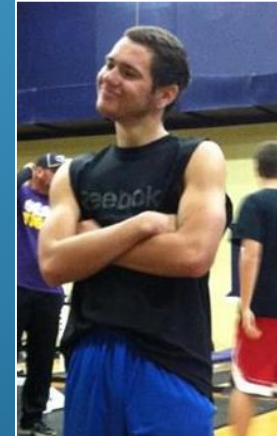
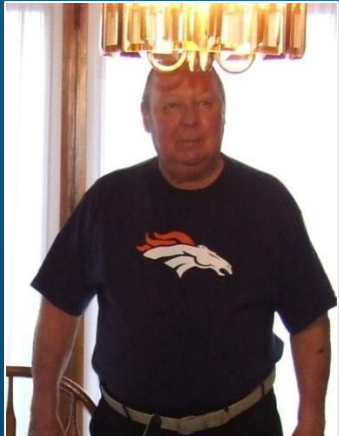
Dale R. Lerback Jr.



My journey of 28 years in the Airline/Aircraft business has led me to EVCC as an Aviation Maintenance Technology Instructor. I started my airline career at United Airlines then transitioned to Delta Airlines in 1991 as an Airframe and Powerplant Mechanic. As the years passed I climbed the steps of the ladder into management. Part of my Delta career included 10 years teaching the ETOPS (Extended operations) program. My education is in Business. Graduated BSBA, 4.0 GPA Summa Cum Laude and as well was selected into International Sigma Beta Delta Business Honor Society. I am currently working towards a MS in Industrial Organizational Psychology.



For as long as I can remember; father to son, mother to son, I have been raised to uphold family, family values; our tribe. However; our tribe consists of many family and friends whom are part of our tribe as well as the pets in my life.



“One Journey”

My only brother Curtis whom I spend as much time with in the Montana mountains backpacking.



INTERESTS & HOBBIES

- Traveling the world (retired with free flight benefits)
- Hiking and Camping – Mostly in the Bob Marshall Wilderness (Montana).
- Bowling – 27 “300” games 3 “800” series
- Fishing – anywhere
- Running & Weight Lifting (staying in shape)
- Mountain Biking
- Skiing
- Concerts
- Wine tours (Europe – Mosel and Rhine Rivers)
- Softball – currently play Monday nights
- Car restoration – 1967 Mustang in works (retro-mod)
- Playing piano – still learning but do have one in our home.

Steve Tuggle

- Dabbled in numerous blue collar trades during & after high school. Tool & die machinist; heating & air conditioning; notebook bindery; warehouse management
- Enlisted in the U.S. Air Force in 1988. 11 months later, Basic training in San Antonio, TX. Technical school in Rantoul, IL.
- Aug 89 - Aug 95: Assigned to McGuire AFB, in central NJ, as an Aircraft Pneudraulics Apprentice, maintaining Lockheed C-141B Starlifters. Subsequently, earned Journeyman, then Craftsman rating.
- Aug 95 - May 98: Assigned to McConnell AFB in Wichita, KS, as an Aircraft Pneudraulics Craftsman, maintaining Boeing KC-135R Stratotankers. Applied/selected as a technical training instructor. Attended the Basic Instructor Course, then began a two-year teaching practicum while instructing KC-135 hydraulic, pneumatic, and refueling boom courses.



Steve Tuggle

- May 98 - Nov 07: Assigned to McChord AFB, in Lakewood, WA, first as a C-141B & C-17A instructor, where I earned the Air Force Master Instructor rating. Returned to flight line operations as a Production Superintendent, oversaw maintenance of C-17A Globemaster IIIs.
- Nov 07 - Nov 10: Assigned to Misawa AB, Japan. As a Flight Chief, I managed four work centers responsible for maintaining F-16CJ Wild Weasels.
- Nov 10 - Nov 11: Assigned to Minot AFB, ND. As the Lead Production Superintendent, I oversaw eight work centers responsible for maintaining B-52H Stratofortresses. Retired from active duty Nov 2011.
- Oct 11 - Jun 13: Hired into Federal Civil Service as a C-17A Crew Chief & Pneudraulics instructor. Due to the Congressional Sequestration, many positions, including mine, were terminated.



Steve Tuggle

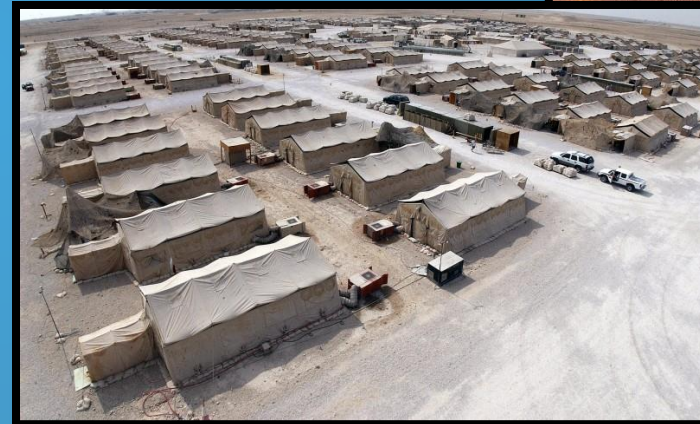
- Jun 13 - Nov 13: Atli-Tech Aeronautical Institute in Mukilteo; taught an all-systems fast-track course to Boeing manufacturing & military aviation veterans, preparing them for the FAA written & oral/practical exams. Two major layoffs at Boeing decimated our backlog, and the company folded.
- Nov 13 - Jul 15: Moved to St. Louis, where under contract for Boeing, taught F-15 Pneudraulic systems to international technicians as part of a foreign military sales contract.
- Jul 15 - present: Happily returned to Puget Sound, where I was graciously hired into the Aviation Department. Currently, 1 ½ years into my tenure-track, and looking forward to continuing a long and rewarding relationship with EvCC.



Steve Tuggle

➤ Other temporary assignment locations:

- Countless lower 48 cities/bases/posts
- Puerto Rico
- Panama
- Montevideo, Uruguay
- Frankfurt, Germany
- Fairbanks, Alaska
- Doha & Al Udeid, Qatar
- McMurdo Station, Antarctica



Answering The Call

Shay D. Mohn

- Aviation Maintenance Instructor
 - Associates Degree - Aviation Maintenance
 - Bachelor of Science – Professional Aeronautics
 - Master of Arts – Military History



Answering The Call

Shay D. Mohn

➤ Employment

- Embry-Riddle Aviation Lab Assistant
- Cessna Aircraft Production Flight Test Lead Mechanic
- Atlantic Southeast Airlines
 - Mechanic
 - Instructor
 - Maintenance Supervisor
 - Maintenance Controller



Answering The Call “The Odyssey”



Answering The Call

Shay D. Mohn

- What does he do for fun?
 - Scale Modeling (Airplanes)
 - Auto Restoration (1970 Chevrolet Monte Carlo)
 - Steampunk (Cosplay, costuming, prop construction)
 - History (Military, Airplanes, Military Airplanes)



Answering The Call

Responding to our local business partners

How do we keep our finger on the pulse of aviation maintenance?

By listening to our industry partners & our Aviation Advisory Committee

- Alaska Airlines
- The Boeing Company
- Delta Airlines
- Arlington Airport
- Glasair
- Paine Field
- Dynon Avionics Institute of Flight
- COE and Aerospace and Advance Manufacturing
- Rolls Royce
- United Airlines
- Panasonic Avionics

Answering The Call

Responding to our local business partners

- What is the Aviation team doing to meet the needs of our expanding industry?
 - Rolling out new, high demand, programs in the aviation maintenance field.
 - Expanding and refining current AMT course offerings.

Answering The Call

New Programs

- Advanced Avionics Program
 - Boeing estimates the need for 160,000 qualified avionics technicians nationally, 680,000 world-wide.
 - Available as stand-alone certificates, or as Airframe & Powerplant license/AAS degree

Answering The Call

Responding to our local business partners

- What is the Aviation team doing to meet the needs of our expanding industry?
 - Industrial painting program:
 - Boeing
 - Applied aerospace systems
 - Valance surface technologies
 - Atlaxa
 - OSW Industrial Equipment

Answering The Call

Enhancing Current Programs

- Adding qualified personnel
 - New Associate Dean (who is really awesome and wants to give us a raise)
 - Three Tenure Track faculty hired within the past three years (one of them might actually make it)
 - Two additional Associate Faculty hired
 - Hangar Manager and Instructional Technician
 - Program Coordinator

Answering The Call

Enhancing Current Programs

➤ Delivery Model Revamp

- Increases the utilization capacity of our existing facility
- Provides greater flexibility in choosing pathways for our students

➤ Evening cohort

- Increases the utilization capacity of our existing facility
- Creates an opportunity for individuals unable to attend the traditional “Day Shift” schedule

Answering The Call

Enhancing Current Programs

- Global Professional Standards/PRIDE –
 - Each student is evaluated in eleven industry-derived areas:
 - Attendance, character, teamwork, appearance, attitude, productivity, organizational skills, communication, cooperation, respect, and documentary discipline.
 - Reviewed twice quarterly with each student
 - Teaching good habits for a lifetime
- Personal Responsibility In Delivering Excellence.

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