

**Location:** Blue Ridge Community College  
Plecker Center, Room 126 A, B, & C.

**Date:** March 10, 2023



**Times:** Registration from 7:00am – 8:00am  
Presentations from 8:00am – 5:00pm

**Approval:** C-IND-IM-181211-K-012-014

Time	Presenter	Topic	Background
7:00-8:00	<b>Registration &amp; Continental Breakfast</b>		<b>Sponsored by Avotek</b>
8:00-9:50	Sarah Macleod	<b>What Good is this Certificate, Anyway?</b> This session explores the applications of mechanic and repairman certificates held under 14 CFR part 65. It examines the eligibility for and privileges/limitations of each certificate. It then puts those certificates in context of the requirements of part 43 and describes their employment within the quality systems of other certificate holders.	Sarah MacLeod is managing member of Obadal, Filler, MacLeod & Klein, P.L.C. and a founder and executive director of the Aeronautical Repair Station Association. She has advocated for individuals and companies on international aviation safety law, policy and compliance issues for decades. Ms. MacLeod obtained a bachelor's degree from Evergreen State College, Olympia, Washington and a law degree from Catholic University of America.
10:00-10:50	John Lee	<b>Torque Applications and Procedures:</b> An introduction to torque principles and applications as it relates to aircraft. An overview of basic threaded fastener principles and the theory of torque. An emphasis on common mistakes and misconceptions.	John Lee is the coordinator of NC3 Industry training and skillsUSA at TCAT Elizabethton, was named 2020 TCAT Staff Member of the Year by the Tennessee Board of Regents. Lee, a native of Wise, Va., is a graduate of Northeast State Community College and Nashville Diesel College. He holds ASE Certification and is a Master Diesel Technician. Currently he is pursuing a bachelor's degree at Pittsburg State University.
11:00-11:50	Timothy Gauntt	<b>The Challenges of a Repair Station and What We Have Learned from 20 years of Experience:</b> A presentation based on our experiences with our Quality Aircraft Accessory Repair Station over the past 20 years. What is in a Repair Station designation, choosing the correct repair station, 8130's explained, product liabilities and challenging process are all topics of discussion.	Timothy Gauntt is the Director of Product Support for Hartzell Engine Technologies LLC.. Tim has been active in the aviation industry for 40+ years as a general aviation mechanic, IA, AMT Part 147 instructor and various technical support related positions.
<b>12:00-1:00 Lunch</b>			<b>Sponsored by Avotek</b>
1:00-1:50	Timothy Gauntt	<b>Fundamental of Turbocharger Systems:</b> A discussion of fundamental turbocharger systems theory and troubleshooting, and provides a historical to modern day perspective on the systems used to boost our GA engines. From Pike's Peak to modern day, this presentation is designed to "boost" your knowledge of aircraft turbocharging systems.	
2:00-2:50	Vince Bechtel	<b>Introduction to Spark Plug Design and Maintenance:</b> Includes troubleshooting, inspection and removal procedures.	Vince Bechtel is the Director of Aftermarket Sales for Tempest Aero Group®, which markets the world-class brands of Tempest®, Marvel-Schebler®, Precision Airmotive® and Alcor®. He is an active member of ADMA and currently sits as committee chair of the ADMA Scholarship Committee.
3:00-4:50	David Schober	<b>FAA Form 337 Completion:</b> How to avoid typical errors that have been showing up in recent Major Repair and Alteration Forms. <b>DRS System:</b> An introduction to The <a href="#">Dynamic Regulatory System (DRS)</a> : A comprehensive knowledge center that includes all regulatory guidance material from the Office of Aviation Safety.	David Schober is an A&P, IA and Vintage Aircraft DER. He has been an airline director of training, president of a Part 135 charter operation, DOM of a 145 repair station and is currently working with the Department of Navy supporting their fleet of commercial derivative aircraft.