

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

**Date:** March 17, 2022

**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
7-8:00	<b>Registration &amp; Continental Breakfast</b>		<b>Sponsored by AVOTEK</b>
8-8:50	Sarah Macleod	This presentation will define regulatory responsibilities of the operator versus the maintenance provider in creating and maintaining maintenance records. How obligations can be shifted by contract, but not under aviation safety regulations. Maintenance recordkeeping regulations; the documents essential to making airworthiness determinations.	Sarah MacLeod is managing member of <u>Obadal, Filler, MacLeod &amp; Klein, P.L.C.</u> , and a founder and executive director of the <u>ARSA</u> . She has advocated for individuals and companies on international aviation safety law, policy and compliance issues for nearly 40 years. Ms. MacLeod obtained a bachelor's degree from Evergreen State College, Olympia, Washington and a law degree from Catholic University of America.
9-9:50		This presentation will review the regulations that govern the terms "major" and "minor" in the world of civil aviation repairs and alterations. Learn the regulatory facts and how to train your FAA inspector so this minor issue doesn't become a major pain in the derriere.	
10-10:50	David Schober	The real world application of Advisory Circular 23-27 (with an emphasis on aviation maintenance applications). Clarification on what can be approved as a minor alteration, examples of simple major alterations that could be approved by an IA, and what type of alterations (substitutions, etc.) require a "field approval", including how a DER can assist in returning an aircraft to service with timely, specific examples.	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.
11-11:50	Timothy Gauntt	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.	Director of Product Support for Hartzell Engine Technologies LLC. 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>Lunch</b>			<b>Sponsored by AVOTEK</b>
1-1:50	Vince Bechtel	Introduction to aircraft spark plug design and maintenance with an emphasis on troubleshooting, installation 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.
2-2:50	Todd Ott	The ins and outs of glass cockpit installations. What technicians need to know about retrofit avionics.	Todd Ott is the owner and General Manager of Shenandoah Avionics, one of the largest Garmin Dealers in the Nation. Recently, Todd has concentrated on installing glass cockpits for a variety of General aviation aircraft.
3-3:50	Chris Holder	Care & maintenance of aircraft lead acid batteries. Maintenance procedures, extending battery live, capacitance checks, etc.	Chris joined Concorde Battery Corporation as the Eastern US Sales Manager in 2011. In 1998, Chris founded the Carolina's IA Renewal & Safety Symposium. He currently hosts Concorde Battery's IA Renewal Series. The IA Renewal Series offers recertification and safety clinics for hundreds of aircraft mechanics each year.
4-4:50	Brad Holiday	Modern aircraft cleaning procedures with dry ice. Advantages, costs, set-up procedures, etc.	Brad Holiday is the Safety Manager, Technical Operations at Dynamic Aviation. Formerly, he was in charge of the restoration of Air Force I.