

ComancheZOOM for August 3, 2023

Performing the 1000-hr Comanche Gear Inspection

This ComancheZOOM is full of detailed guidance for performing the 1000-hr Comanche Gear Inspection AD. David Schober will explain why this AD is required and the techniques needed to comply with the ADs. He will also show the tools needed and provide sources on how to use the specific tools. Learn about the bushings, the rigging, springs, and what to pay particular attention to when taking the pieces apart and putting them back together. Finally, you will learn the correct way to log this maintenance in the plane's maintenance logbook.

This ComancheZOOM was eligible for WINGS or AMT credit.

Some background information on David Schober's career:

After High School he worked at various factory jobs, ending up putting himself through college working as a machinist where he developed his skills in metrology. In college he got his A&P in 1977 and degrees in Aircraft Maintenance Engineering and Aircraft Maintenance Management. He got his IA in 1980. He was selected as an FAA Designated Airworthiness Representative (DAR) in 2004, and an FAA Designated Engineering Representative (DER) in 2011. His first solo was in 1969, and he currently holds Commercial SEL, SES, MEL, Instrument Airplane, and Glider ratings, and is a CFI/I for Airplane Single, Multi engine, Instrument Airplane, and Glider.

Near the end of this Zoom there was some discussion about an individual in the northeast selling an STP for an undocumented potential Comanche AD. David explained the FAA process to create an AD, going through the requirements for supporting data, the proposal notice, the comment period, and then the potential issuing of the final decision. Interesting talk.

To hear/see the recordings of this Zoom click on a link from the list below:

- <http://meetings.northeastcomanche.org/zoom/2023-08-03/video.mp4>
- <http://meetings.northeastcomanche.org/zoom/2023-08-03/audio.m4a>

To read the Chat text click on this link:

- <http://meetings.northeastcomanche.org/zoom/2023-08-03/chat.txt>

To view David's presentation go to:

- <http://meetings.northeastcomanche.org/zoom/2023-08-03/The%201000%20hour%20Landing%20Gear%20Inspection%20for%20Comanches%20r1.pptx>

Other links:

- [How to Read a Micrometer - Beginner's Guide - Machinist Guides](#)
- [\(34\) Telescopic gauges, how it's made and how they're used + comparing 3 brands - YouTube](#)
- [\(34\) SHOP TIPS #183 Measuring Threads -3 Methods tubalcain - YouTube](#)

Pete Morse for the ComancheZOOM team