

ComancheZOOM for Thursday evening, November 5, 2020

Topic: **“ADS-B Fundamentals and Maintenance”**

with Robert Lenert, FAA - BDL FSDO

Rob is an experienced avionics installer and a Safety Rep for the Bradley (CT) FSDO. Rob covers the basic structure of the ADS-B system – required use and coverage areas – as well as how the ADS-B data is transmitted from your airplane to the ground antennas and to other aircraft. He also covers the various types of information available through ADS-B In (weather, notams, airmets etc), and common problems arising in some installations.

Examples are shown of ADS-B tracks as seen with FlightAware.com. These are helpful for post-flight self-evaluation or with your instructor. These tracks can also reveal problems with your ADS-B or avionics installation as shown in a flight from Florida to Louisiana where the altitude encoder had intermittent dropout.

For direct information about the ADS-B system go to [FAA.gov/nextgen/programs/adsb/](https://www.faa.gov/nextgen/programs/adsb/)

This ComancheZOOM was available for WINGS credit for those who were registered.

To view/hear this ComancheZOOM click on a link below.

- <http://meetings.northeastcomanche.org/zoom/2020-11-05/video.mp4>
- <http://meetings.northeastcomanche.org/zoom/2020-11-05/audio.m4a>

Pete Morse for the ComancheZOOM team