

ComancheZOOM for July 29, 2021

TOPIC: Angle of Attack - What, Why, How

Jim Wolcott with support from Alan Cheak

AoA indicators can tell you when you are approaching a wing stall. This can be very useful when climbing to clear terrain or when slowing on final approach to landing. The big three (FAA, AOPA, EAA) have been fostering training in Angle of Attack to improve pilot safety for a number of years and encouraging aircraft owners to install AoA indicators in their general aviation planes.

Jim Wolcott talked about what an Angle of Attack system includes, how the various types operate, and how to interpret the information displayed. Jim has had years of experience as an Air Force flight instructor and in the corporate world using AoA as a reference instrument when flying high performance aircraft.

Alan Cheak was a Navy flight instructor teaching use of AoA as a primary guide when landing jets on a carrier. He describes landing the Navy way (pitch for speed, power for glideslope) as the reverse of what GA pilots are taught (power for speed, pitch for glideslope).

Both men talked about how these techniques can be applied to flying our Comanches, flying the Air Force way with AoA as information, or the Navy way with as AoA primary all the way to the deck. As CJ Stumpf said, "Half the Fun in this one will probably be Air Force Vs Navy ;-)"

Click on the links below to view/hear the recordings

- <http://meetings.northeastcomanche.org/zoom/2021-07-29/video.mp4>
- <http://meetings.northeastcomanche.org/zoom/2021-07-29/audio.m4a>

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