

January 21, 2021 ComancheZOOM

Topic: **“Propellers: Design, Performance, and Longevity - #1”**

with Darrall Pool

“A propeller is just a fan up front to keep you cool while flying. How do I know? Just turn it off and watch the pilot start to sweat.”

The Jan 21 ZOOM was on propellers – something we hardly think about, but the fourth most expensive thing we do for our aircraft after engines, avionics, and paint, and probably the most essential if considering things that can go wrong.

Darrell Pool talks about propellers: their design, performance, and longevity. Darrell is probably best known for his company Smooth Power, the primary distributor for ElectroAir electronic ignition systems. Darrell obtained his BBA from Texas State University and continued his career with Jordan Propeller as general manager in Houston. Darrell has recently become a distributor for Hartzell and was able to answer questions specific to this brand, as well as others. Hartzell was the most common propeller found on our PA24-250 Comanches.

We were not able to cover the entire topic in this session. Darrell continues the discussion in the Jan 28 ComancheZOOM, answering specific questions from this chat window and giving further information about performance and prop balancing.

Click the link below to see/hear the recording of this session as we learn and ask questions. Enjoy!

- <http://meetings.northeastcomanche.org/zoom/2021-01-21/video.mp4>
- <http://meetings.northeastcomanche.org/zoom/2021-01-21/audio.m4a>

The Chat text contains many questions and comments.

- <http://meetings.northeastcomanche.org/zoom/2021-01-21/chat.txt>

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