

ComancheZOOM for May 20, 2021

Comanche Speed Mods with Hans Neubert

Tonight's ComancheZOOM was a repeat of the presentation by Hans in the 2021 Sun n' Fun ComancheTown tent. That meeting was well attended and we felt other Comanche pilots deserved a chance to see it up close and personal.

Hans has, over the years, made a number of modifications to his Comanche twin that have given him an increase of cruise speed of nearly 15 mph. These changes include many of the commercially available speed mods as well as some specific modifications of his own.

As a general rule, all of the modifications are intended to reduce drag. This can be done by covering any holes which capture air or rounding edges to smooth out air flow. Most modifications resulted in small improvements, but the sum total added up to a substantial gain. Hans focused on drag reduction for the main landing gear wheel wells and tight baffling for the engine plenums. You can read more about Hans and his work on his website at hdneubert.com/.

There were some problems on the Zoom when Hans had to deal with the share controls. These resulted in a couple of dead time in the recording. Patience is rewarded, or you can jump ahead past those spots.

To view/hear the recording go to:

- <http://meetings.northeastcomanche.org/zoom/2021-05-20/video.mp4>
- <http://meetings.northeastcomanche.org/zoom/2021-05-20/audio.m4a>

To view the Chat window text go to:

- <http://meetings.northeastcomanche.org/zoom/2021-05-20/chat.txt>

Pete Morse for the ComancheZOOM team