

ComancheZOOM January 7, 2021

Trio ProPilot for PA24/30/39 Comanches - Update

- Mark Sullivan and STC Group

The STC Group, working in close association with Trio Avionics, determined that the Comanche would need a capstan servo rather than their traditional servo arm. A new capstan servo, developed by Trio Avionics, was developed for this application and tested in the Comanche for FAA approval.

Approval is in the very near future for all of the PA24's (180/250/260, pre- and post-electric flaps), with the 400 following close behind. Approval for the Twins is also in the works and moving ahead well. The design plan is for a simple, low-cost unit (<\$7000) and common installation process (~30 hours) for all Comanches.

For details on timing and installation click on the links below to access the recordings

- <http://meetings.northeastcomanche.org/zoom/2021-01-07/video.mp4>
- <http://meetings.northeastcomanche.org/zoom/2021-01-07/audio.m4a>
- <http://meetings.northeastcomanche.org/zoom/2021-01-07/chat.txt>

Pete Morse for the

ComancheZOOM team