

ComancheZOOM for Thursday February 9, 2023

## From project plane to AirVenture Lindy - part 1

In 2022 Francois Marquis was awarded the coveted Lindy Award at the Oshkosh AirVenture for his PA30 Twin Comanche restoration. This award is the top of the top. It is given to the best across all types, all divisions, in category, and is recognized worldwide as the ultimate recognition of aircraft craftsmanship.

Francois is an engineer, a perfectionist, Canadian aerobatic champion, and Canadian ATP holder. In this 2-part Zoom he takes us through the restoration process of his PA-30, for example from painstakingly creating a scale CAD model that included EACH RIVET in order to produce the perfect spectacular paint design, to repairs, innovations, seat design, and then from materials to ergonomics to colors to (of course) the panel design.



Francois started when he bought the plane - but he called this his Covid project as Covid created a 2-year timeframe where he knew he could commit to do major work. This passionate endeavor took him well over 5000 hours to accomplish. Francois did not start out to create a Lindy winner but to create a beautiful and functional twin Comanche, yet this is his second Oshkosh award, winning his first in 1994 with his Lancair.

Disclaimer :

This work as well as the numerous tasks presented here were signed off by Canadian mechanics and follows Transport Canada Minor modification guidelines and were done using approved data. In Canada, Majors must have either a limited STC (up to 3 airplanes) or an unlimited STC. Some tasks were also performed under STC. Viewers should not use information in this ComancheZOOM as permission to do anything illegal, unairworthy or otherwise unsafe or unfit to their application and in their own jurisdiction. The sole purpose of this Zoom presentation is to be taken as an inspirational way to restore and repair aging aircrafts such as the Comanche types. There is no 337 form used in Canada however many shops/owners have opportunities to legally conform to "minor" alterations category. They don't have owner produced parts either, but that doesn't stop good judgement to prevail given that acceptable data is backing it all up.

To see/hear the recordings click on a link below:

- <http://meetings.northeastcomanche.org/zoom/2023-02-09/video.mp4>
- <http://meetings.northeastcomanche.org/zoom/2023-02-09/audio.m4a>

To read the Chat text click on this link:

- <http://meetings.northeastcomanche.org/zoom/2023-02-09/chat.txt>

To see pricing for the current (Feb 2 – 23) Landing Height System Group Buy offer go to:

- [meetings.northeastcomanche.org/zoom/2023-02-01/LaserHeightSystem-GroupBuy.pdf](http://meetings.northeastcomanche.org/zoom/2023-02-01/LaserHeightSystem-GroupBuy.pdf)
- To join the Group Buy list go to [/Forms/NE\\_LHS\\_GroupBuy](#).

Pete Morse for the ComancheZOOM team