

Communication Summary

December 2, 2019

Information from: Mr. Daryl Heinemann



Summary & Factual Information: Mr. Daryl Heinemann was advised that an accident airplane had a 3-bladed Warp Drive propeller with SN T5705 listed in its logbook and was asked when the propeller was manufactured and also for a basic description of the propeller. He, in part, stated:

Our records show the propeller T5705 was originally built as a 2 blade propeller with our Standard hub and shipped from our factory on July 2, 1993. It was then converted to a 3 blade propeller with the Standard hub on June 27, 1997. The serial number record also shows that the blades were returned for repair work and shipped back out on October 27, 1997. This propeller was using our Standard hub type which was not included in the recent Service Bulletin that you mentioned. The Standard hub bolts together with aluminum hub plates and composite clamping blocks. The round, aluminum collar of the blades mount into the clamping blocks with four(4) 1/4" clamping bolts with nylock nuts that attach the blocks into the hub plates. The propeller was a 68" 3 blade with the options of the nickel leading edge protection and the tapered tip blade profile.

I can attest that the above summary is correct to the best of my knowledge:

Edward F. Malinowski
National Transportation Safety Board
Air Safety Investigator