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Subject: CEN23FA204, Memorandum of Record

Contact: Mitchell Gallo, NTSB Investigator-in-Charge (IIC)

The Luce Wittman Buttercup plans were not based upon a structural engineering analysis to determine a structural design envelope, structural loads, structural performance, design and construction principles and a basis for any design safety margins and limitations are unknown. There were no regulatory design requirements for the Luce Wittman Buttercup due to its experimental classification.

The airframe, engine, and propeller logbooks were requested and were not received. A family representative stated the logbooks were not found, which would have contained entries that the regulatory required maintenance inspections were performed.

The airplane did not have a valid special airworthiness certificate that reflected modifications made after the issuance of its special airworthiness certificate in December 2001.