

R & B AIRCRAFT CO.

Bearhawk AIRCRAFT + ENGINES

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MARCH 10, 2023

Elliott Simpson

NTSB

32135 32nd Ave. South, Suite 140

Federal Way, Wa 98001

SUBJECT;

N19008A BEARHAWK

LSA CRASH 4-30-22

WPR22FA169

I have studied the draft report you sent me on 2-22-23.

The report seemed very detailed and indicates to me that the strut failure was caused by excessive aerodynamic negative loading, well above maneuvering speeds, (75mph).

The omission in construction (drawing #15) Top of the Fuselage, in regards to the T4 Diagonal Bracing into the main spar carry thru member T16. By not having these diagonals the T16. would be reduced in compression capability by about 20%, In tension little effect would be seen.

A failed weld at the main spar or rear spar fuselage attach fittings, if it occurred during flight, could cause the negative wing loading and strut failure.

Robert Barrows

