

February 23, 2023

Twelve Oaks Aero Estates II87

Martinsville, IN.

At approximately 11:45 a.m. I observed N1700T Start up, Taxi, and attempt Take off on runway 17 at II87.

Prior to departure the pilot and I discussed the winds - the windsock indicated variable wind from the West at a steady 3kts with gusts to 9 (read by the windsock stripes). I concurred that 17 was favored.

The startup taxi and runup looked normal the engine sounded as I would expect during the runup (smooth with normal sounding mag drop(s)).

On the takeoff roll, the aircraft seemed to accelerate normally, the engine sounded appropriate.

The nose rotated approximately 1/3 down the runway, the aircraft seemed to struggle in the air and settled back down at the midfield point, got back in the air and climbed to approximately 30 feet (referencing the westside hangar further down the runway). There was some porpoising of the nose and was not climbing. The aircraft lost altitude and touched down beyond the end of the runway and left my view. Shortly thereafter I heard the impact, and I made my way to the scene.

I found the pilot and passenger outside of the aircraft and the aircraft facing North.

Looking the aircraft I noticed fuel dripping from the lower cowl, I entered the aircraft and shut the fuel off and noted that the mags and master were off.

Micah E. Briner

ATP

Commercial SEL, SES, Rotorcraft

CFII SEL, MEL

A&P

