

N87AQ

- 1) Preflight - everything normal, fueled up overnight - when sumped fuel was clear, free of debris and had no separation.
- 2) Run-up - everything normal, rpm drop on both magnetos was between 50 and 70, no CAS messages.
- 3) Take-off - power was brought to 36.5 inHg, rotation occurred at 77 knots. Immediately upon becoming airborne $\approx$ 20-30 feet off ground red CAS message for "Fuel Flow", fuel flow read high on the gauge. Engine began sputtering immediately, did not have enough power to continue climb out, attempted to put plane back down on the runway but there was insufficient distance to stop with maximum braking. Airplane continued off the runway and was stopped by chicken/arresting wire off departure end of runway 17. No injuries to the 3 souls on board.



I was left seat pilot in N87AQ. The precheck was all clear, before taxi, taxi, runup, etc. Magneto's were good, oil pressure, oil temp... everything in the green. We took 17 for takeoff at the end of the runway. Winds were calm, weather "severe clear" VFR. We filed an IFR flight plan to KTDW to get fuel, with eventual destination to ~~KJBE~~ KBJC. The takeoff roll was normal, rotating at 75-77 kts. We got 20-30 feet off the ground and had a red CAS for fuel flow. The engine was sputtering with a "cycling" of engine noise up and down. We couldn't climb and elected to put it down on the runway. Despite heavy braking, we didn't have enough runway to stop. We went off the end and hit a barb wire fence that spun the airplane around ~ 180 degrees. Each of the 3 passengers are fortunately OK and walked away. [REDACTED]

6/23/24

9:35 am cent

Shan Childs

Logan Childs

June 23

4:30 am

I was in the back right of the plane and everything was normal we got into the air about 30 feet ish then the engine started to flutter with less power and more power back to back and the Pilot made a good decision to get the plane back on the ground and slam on the brakes and we went through the Chicken wire and everyone was fine. Thank You Iain!

Stayed very calm and did the right thing,