

Prior to Accident: I took off from KIWS around 10:20 am headed west towards my work sites to fly over. I flew as far west as Columbus, TX and then back east of Skydive Houston. Nothing suspicious while monitoring the JPI; normal indications were shown for EGT 1360-1420°F, CHT 320-360°F, Oil Pressure 47-50 psi, Oil Temp stable at 157°F, Fuel flow between 13-14 g/h and Fuel pressure between 6-9psi. I set a 45 minute timer on the left tank at take off, and switched to the auxiliary tanks after and set a timer for 38 minutes. Nearing 11:20am I was flying eastbound approximately 12-15 NM W/SW of KDWH. I contacted the tower to coordinate survey work in the airspace. After avoiding traffic in the area with a left 360 I proceeded eastbound towards KDWH frequency.

Engine Out: Approximately 11:24 am while flying eastbound at 1900msl about 1nm west of Tombol stadium over HWY 99, I felt my engine losing power. I maintained altitude until my airspeed hit 110mph, then pitched for that airspeed. I looked down and saw a straight road in front of me with gaps in traffic and chose that for my landing spot. Wind was at my back but I figured it would extend my glide, turning at that low of an altitude seemed unsafe. I checked the Fuel Selector and switched it to the RT tank and it showed no improvement. Mags were on and I enriched the mixture, still no improvement. At this time I declared an emergency with KDWH and was focused on getting gear down and finding a spot to land with the traffic flow eastbound. As I came down I saw a semi truck but lost sight of it under my wings. I slowed to 70-80mph hoping I passed the truck. I felt an impact from the tires. Next, my left wing dipped to the ground striking the barrier and bursting in flames, my nose collapsed and struck the barrier. My right wing struck the concrete and also burst into flames. Once I came to a stop I unbuckled my seatbelt and jumped out of the plane to safety. During the emergency I did not have time to refer to my checklist or diagnose the issue. I was focused on avoiding traffic and maintaining airspeed.

[REDACTED]

Date 01/24/2023