

The flight originated in Michigan out of Oakland county international (KPTK). Our route was KPTK, KDVN, KGRI. Our last stop was KGRI which was for fuel. We took on 50 gallons. Approximately 30 minutes into the flight the #5 cylinder went cold showing no CHT or EGT temperature the engine immediately started to vibrate excessively. I proceeded to run through the emergency checks to confirm the engine was receiving fuel. It was. I then proceeded direct to the nearest airport which was Cozad (CZD). After approximately three minutes the engine started to fail the other cylinders started dropping off in temperature. I was approximately ten miles short of CZD when I lost all power on the engine. I committed to an off airport landing extended the gear and shut down fuel to the engine. I touchdown in a corn field on the roll out the nose gear collapsed and the aircraft pitched down rolled slightly to the left. The left leading edge wing tip contacted the ground as the aircraft came to a stop. I then transmitted mayday over the radio on 121.5 which was received by a commercial airliner. I relayed my gps coordinates. I then contacted the local police and made them aware of what just happens. Upon inspection of the touchdown area I found that the nose landing gear sheared off.

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