



National Transportation Safety Board Aviation Accident Factual Report

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| Location: | Robstown, TX | Accident Number: | CEN20CA047 |
| Date & Time: | 12/29/2019, 1820 CST | Registration: | N3473U |
| Aircraft: | Cessna 182 | Aircraft Damage: | Substantial |
| Defining Event: | Ground handling event | Injuries: | 1 None |
| Flight Conducted Under: | Part 91: General Aviation - Personal | | |

The pilot reported that he was on a return flight back to his home airport. He turned on the airplane's cabin lights, and they seemed a bit dim. He decided to stop and troubleshoot the lighting issue and refuel, so he would have full fuel tanks for the night flight. He parked the airplane in front of the fuel pump and refueled both wing tanks, before pushing the airplane back. He added that he planned on checking to see if the battery would charge before continuing the flight. The propeller turned slow and the engine did not start, so he elected to hand prop the airplane. The pilot stated that he set the throttle, mixture, and parking brake, and after several attempts the engine started. He added that the engine appeared to be at idle, and then the rpm's increased. The airplane moved forward and impacted the fuel station's credit card machine before he could enter and stop the airplane.

An examination of the airplane noted substantial damage to the airframe's belly/bottom firewall area. Additionally, there was minor damage to the airplane's cowling, propeller, and nosewheel pant. There was also damage to the fuel pump's credit card machine and a set of steps.

An inspection of the airplane by the responding Federal Aviation Administration Inspector found that the throttle's friction lock was working; however, a check of the airplane's parking brake found that even after application of the brake, the airplane would move and the brakes did not function as intended. Though the specific problem with the brakes were not identified.

Pilot Information

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| Certificate: | Commercial; Private | Age: | 0 |
| Airplane Rating(s): | Multi-engine Land; Single-engine Land | Seat Occupied: | None |
| Other Aircraft Rating(s): | None | Restraint Used: | |
| Instrument Rating(s): | Airplane | Second Pilot Present: | No |
| Instructor Rating(s): | None | Toxicology Performed: | No |
| Medical Certification: | Class 1 Without Waivers/Limitations | Last FAA Medical Exam: | 09/13/2019 |
| Occupational Pilot: | Yes | Last Flight Review or Equivalent: | 09/14/2019 |
| Flight Time: | 1055 hours (Total, all aircraft), 41.7 hours (Total, this make and model), 1055 hours (Pilot In Command, all aircraft), 101.3 hours (Last 90 days, all aircraft), 58 hours (Last 30 days, all aircraft), 6 hours (Last 24 hours, all aircraft) | | |

Aircraft and Owner/Operator Information

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| Aircraft Make: | Cessna | Registration: | N3473U |
| Model/Series: | 182 F | Aircraft Category: | Airplane |
| Year of Manufacture: | | Amateur Built: | No |
| Airworthiness Certificate: | Normal | Serial Number: | 18254873 |
| Landing Gear Type: | Tricycle | Seats: | |
| Date/Type of Last Inspection: | 07/26/2019, Annual | Certified Max Gross Wt.: | |
| Time Since Last Inspection: | | Engines: | 1 Reciprocating |
| Airframe Total Time: | 3474 Hours as of last inspection | Engine Manufacturer: | Continental |
| ELT: | C126 installed, not activated | Engine Model/Series: | O-470 R |
| Registered Owner: | On file | Rated Power: | 230 hp |
| Operator: | On file | Operating Certificate(s) Held: | None |

Meteorological Information and Flight Plan

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| Conditions at Accident Site: | Visual Conditions | Condition of Light: | Dusk |
| Observation Facility, Elevation: | | Distance from Accident Site: | |
| Observation Time: | | Direction from Accident Site: | |
| Lowest Cloud Condition: | Clear | Visibility | 10 Miles |
| Lowest Ceiling: | | Visibility (RVR): | |
| Wind Speed/Gusts: | 5 knots / | Turbulence Type Forecast/Actual: | / |
| Wind Direction: | 350° | Turbulence Severity Forecast/Actual: | / |
| Altimeter Setting: | 29.9 inches Hg | Temperature/Dew Point: | 20° C / 8° C |
| Precipitation and Obscuration: | No Precipitation | | |
| Departure Point: | Harlingen, TX (KHRL) | Type of Flight Plan Filed: | VFR |
| Destination: | Marion, TX (1TE4) | Type of Clearance: | None |
| Departure Time: | 1620 CST | Type of Airspace: | |

Airport Information

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|----------------------|-----------------------------|---------------------------|------|
| Airport: | Nueces County Airport (RBO) | Runway Surface Type: | N/A |
| Airport Elevation: | 80 ft | Runway Surface Condition: | |
| Runway Used: | N/A | IFR Approach: | None |
| Runway Length/Width: | | VFR Approach/Landing: | None |

Wreckage and Impact Information

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|---------------------|--------|----------------------|-----------------------------|
| Crew Injuries: | 1 None | Aircraft Damage: | Substantial |
| Passenger Injuries: | N/A | Aircraft Fire: | None |
| Ground Injuries: | N/A | Aircraft Explosion: | None |
| Total Injuries: | 1 None | Latitude, Longitude: | 27.778611, -97.690833 (est) |

Administrative Information

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| Investigator In Charge (IIC): | Craig Hatch |
| Additional Participating Persons: | Victor Lopez; FAA FSDO; San Antonio, TX |
| Note: | This accident report documents the factual circumstances of this accident as described to the NTSB. |
| Investigation Docket: | http://dms.ntsb.gov/pubdms/search/dockList.cfm?mKey=100743 |