



Aviation Investigation Final Report

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| Location: | SANTA TERESA, New Mexico | Accident Number: | DEN86LA109 |
| Date & Time: | March 30, 1986, 09:45 Local | Registration: | N43139 |
| Aircraft: | TAYLORCRAFT BC12D | Aircraft Damage: | Substantial |
| Defining Event: | | Injuries: | 2 None |
| Flight Conducted Under: | Part 91: General aviation | | |

Analysis

THE PLT STATED THAT HE WAS PERFORMING TOUCH & GO LANDINGS. WHEN THE ACCIDENT OCCURRED. ON THE FIRST LANDING A WIND GUST RAISED THE RIGHT WING. THE PLT STATED HE 'TRIED TO STRAIGHTEN OUT' THE ACFT WHEN IT WENT OFF THE RIGHT SIDE OF THE RWY. THE LEFT MAIN LANDING GEAR HIT A SAND HILL AND THE ACFT NOSED OVER. THE PLT HAS A TOTAL TIME OF 9 HRS IN THIS MAKE AND MODEL.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: LANDING - ROLL

Findings

1. (C) COMPENSATION FOR WIND CONDITIONS - IMPROPER - PILOT IN COMMAND
 2. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
 3. (F) LACK OF TOTAL EXPERIENCE IN TYPE OF AIRCRAFT - PILOT IN COMMAND
 4. (F) REMEDIAL ACTION - INADEQUATE - PILOT IN COMMAND
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Occurrence #2: NOSE OVER

Phase of Operation: LANDING - ROLL

Findings

5. TERRAIN CONDITION - ROUGH/UNEVEN

Factual Information

Pilot Information

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|----------------------------------|--|--|---------------|
| Certificate: | Private | Age: | 55, Male |
| Airplane Rating(s): | Single-engine land | Seat Occupied: | Left |
| Other Aircraft Rating(s): | None | Restraint Used: | |
| Instrument Rating(s): | None | Second Pilot Present: | No |
| Instructor Rating(s): | None | Toxicology Performed: | No |
| Medical Certification: | Class 1 Valid Medical-w/ waivers/lim | Last FAA Medical Exam: | April 2, 1985 |
| Occupational Pilot: | No | Last Flight Review or Equivalent: | |
| Flight Time: | 1860 hours (Total, all aircraft), 9 hours (Total, this make and model), 1760 hours (Pilot In Command, all aircraft), 17 hours (Last 90 days, all aircraft) | | |

Aircraft and Owner/Operator Information

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|--------------------------------------|---------------|---------------------------------------|-----------------|
| Aircraft Make: | TAYLORCRAFT | Registration: | N43139 |
| Model/Series: | BC12D BC12D | Aircraft Category: | Airplane |
| Year of Manufacture: | | Amateur Built: | |
| Airworthiness Certificate: | Normal | Serial Number: | 6798 |
| Landing Gear Type: | Tricycle | Seats: | 2 |
| Date/Type of Last Inspection: | Annual | Certified Max Gross Wt.: | 1800 lbs |
| Time Since Last Inspection: | 35 Hrs | Engines: | 1 Reciprocating |
| Airframe Total Time: | | Engine Manufacturer: | CONTINENTAL |
| ELT: | Not installed | Engine Model/Series: | O-320 |
| Registered Owner: | R.L. CARVAJAL | Rated Power: | 115 Horsepower |
| Operator: | | Operating Certificate(s) Held: | None |
| Operator Does Business As: | | Operator Designator Code: | |

Meteorological Information and Flight Plan

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|---|----------------------------------|---|----------|
| Conditions at Accident Site: | Visual (VMC) | Condition of Light: | Day |
| Observation Facility, Elevation: | | Distance from Accident Site: | |
| Observation Time: | | Direction from Accident Site: | |
| Lowest Cloud Condition: | Clear | Visibility | 40 miles |
| Lowest Ceiling: | None | Visibility (RVR): | |
| Wind Speed/Gusts: | 5 knots / 10 knots | Turbulence Type Forecast/Actual: | / |
| Wind Direction: | 340° | Turbulence Severity Forecast/Actual: | / |
| Altimeter Setting: | 30 inches Hg | Temperature/Dew Point: | 10°C |
| Precipitation and Obscuration: | No Obscuration; No Precipitation | | |
| Departure Point: | | Type of Flight Plan Filed: | None |
| Destination: | | Type of Clearance: | None |
| Departure Time: | 09:40 Local | Type of Airspace: | Class G |

Airport Information

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|-----------------------------|------------------|----------------------------------|--------------|
| Airport: | SANTA TERESA 5T6 | Runway Surface Type: | Asphalt |
| Airport Elevation: | 4110 ft msl | Runway Surface Condition: | Dry |
| Runway Used: | 28 | IFR Approach: | None |
| Runway Length/Width: | 5400 ft / 100 ft | VFR Approach/Landing: | Touch and go |

Wreckage and Impact Information

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|----------------------------|--------|-----------------------------|----------------------------|
| Crew Injuries: | 1 None | Aircraft Damage: | Substantial |
| Passenger Injuries: | 1 None | Aircraft Fire: | None |
| Ground Injuries: | N/A | Aircraft Explosion: | None |
| Total Injuries: | 2 None | Latitude, Longitude: | 31.839698,-106.679153(est) |

Administrative Information

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| Investigator In Charge (IIC): | Feith, Gregory |
| Additional Participating Persons: | DALE HORNER; ALBUQUERQUE , NM |
| Original Publish Date: | |
| Last Revision Date: | |
| Investigation Class: | Class |
| Note: | |
| Investigation Docket: | https://data.nts.gov/Docket?ProjectID=16944 |

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