



Aviation Investigation Final Report

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|--------------------------------|--------------------------------------|-------------------------|-------------|
| Location: | PALM CITY, Florida | Accident Number: | MIA90LA174 |
| Date & Time: | August 25, 1990, 09:50 Local | Registration: | N10PP |
| Aircraft: | PITTS S1-S | Aircraft Damage: | Substantial |
| Defining Event: | | Injuries: | 1 None |
| Flight Conducted Under: | Part 91: General aviation - Personal | | |

Analysis

THE PRIVATE PILOT LANDED THE AIRPLANE ON A SOD RUNWAY THAT WAS WET AND SOFT. DURING THE LANDING ROLL HE NOTED THAT THE RIGHT MAIN WHEEL AND TIRE WERE DIGGING IN THE SOD. HE ATTEMPTED A GO AROUND AND THE RIGHT MAIN LANDING GEAR FAILED AND THE AIRPLANE NOSED OVER.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: FAILURE OF THE PILOT IN COMMAND TO INITIATE A GO AROUND IN A TIMELY MANNER, AND THE AIRPLANE LANDING GEAR DUG INTO THE SOFT SOD AND NOSED OVER.

Findings

Occurrence #1: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

1. TERRAIN CONDITION - SOFT

Occurrence #2: NOSE OVER
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

2. (C) GO-AROUND - DELAYED - PILOT IN COMMAND

Factual Information

Pilot Information

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|----------------------------------|--|--|------------------|
| Certificate: | Private | Age: | 48, Male |
| Airplane Rating(s): | Single-engine land | Seat Occupied: | Center |
| 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 2 Valid Medical--w/ waivers/lim | Last FAA Medical Exam: | December 1, 1988 |
| Occupational Pilot: | Yes | Last Flight Review or Equivalent: | |
| Flight Time: | 390 hours (Total, all aircraft), 89 hours (Total, this make and model), 32 hours (Last 90 days, all aircraft), 9 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft) | | |

Aircraft and Owner/Operator Information

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|--------------------------------------|-----------------------|---------------------------------------|-----------------|
| Aircraft Make: | PITTS | Registration: | N10PP |
| Model/Series: | S1-S S1-S | Aircraft Category: | Airplane |
| Year of Manufacture: | | Amateur Built: | |
| Airworthiness Certificate: | Normal | Serial Number: | 1 |
| Landing Gear Type: | Tailwheel | Seats: | 1 |
| Date/Type of Last Inspection: | March 21, 1990 Annual | Certified Max Gross Wt.: | 1100 lbs |
| Time Since Last Inspection: | 93 Hrs | Engines: | 1 Reciprocating |
| Airframe Total Time: | 1070 Hrs | Engine Manufacturer: | AVCO LYCOMING |
| ELT: | Not installed | Engine Model/Series: | O-360-A3A |
| Registered Owner: | KENNETH TRUESDALE | Rated Power: | 180 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: | PBI ,11 ft msl | Distance from Accident Site: | 8 Nautical Miles |
| Observation Time: | 09:52 Local | Direction from Accident Site: | 10° |
| Lowest Cloud Condition: | Scattered / 15000 ft AGL | Visibility | 8 miles |
| Lowest Ceiling: | Broken / 25000 ft AGL | Visibility (RVR): | |
| Wind Speed/Gusts: | 4 knots / | Turbulence Type Forecast/Actual: | / |
| Wind Direction: | 120° | Turbulence Severity Forecast/Actual: | / |
| Altimeter Setting: | 30 inches Hg | Temperature/Dew Point: | 31°C / 23°C |
| Precipitation and Obscuration: | No Obscuration; No Precipitation | | |
| Departure Point: | INDIANTOWN , FL (X58) | Type of Flight Plan Filed: | None |
| Destination: | (1X4) | Type of Clearance: | None |
| Departure Time: | 09:15 Local | Type of Airspace: | Class G |

Airport Information

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|-----------------------------|----------------------|----------------------------------|-----------------------|
| Airport: | WILLIS SLIDEPORT 1X4 | Runway Surface Type: | Grass/turf |
| Airport Elevation: | 16 ft msl | Runway Surface Condition: | Wet |
| Runway Used: | 0 | IFR Approach: | None |
| Runway Length/Width: | 3600 ft / 250 ft | VFR Approach/Landing: | Full stop;Straight-in |

Wreckage and Impact Information

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|----------------------------|--------|-----------------------------|---------------------------|
| Crew Injuries: | 1 None | Aircraft Damage: | Substantial |
| Passenger Injuries: | | Aircraft Fire: | None |
| Ground Injuries: | N/A | Aircraft Explosion: | None |
| Total Injuries: | 1 None | Latitude, Longitude: | 27.160615,-80.260856(est) |

Administrative Information

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| Investigator In Charge (IIC): | Alston, Andrew |
| Additional Participating Persons: | JAMES DAVIS; FORT LAUDERDALE, FL |
| Original Publish Date: | September 15, 1992 |
| Last Revision Date: | |
| Investigation Class: | Class |
| Note: | |
| Investigation Docket: | https://data.nts.gov/Docket?ProjectID=32695 |

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