



# Aviation Investigation Final Report

|                                |                                      |                         |             |
|--------------------------------|--------------------------------------|-------------------------|-------------|
| <b>Location:</b>               | TELLURIDE, Colorado                  | <b>Accident Number:</b> | DEN88LA032  |
| <b>Date &amp; Time:</b>        | November 28, 1987, 10:30 Local       | <b>Registration:</b>    | N6547A      |
| <b>Aircraft:</b>               | CESSNA 180                           | <b>Aircraft Damage:</b> | Substantial |
| <b>Defining Event:</b>         |                                      | <b>Injuries:</b>        | 4 None      |
| <b>Flight Conducted Under:</b> | Part 91: General aviation - Personal |                         |             |

## Analysis

DURING A DOWNWIND LANDING, THE PLT EXPERIENCED DIFFICULTY IN CONTROLLING HIS ACFT. APPROXIMATELY 2,500 FEET FROM THE WEST END OF THE RWY THE ACFT GROUND LOOPED INTO SOME ROCKS AND WAS SUBSTANTIALLY DAMAGED. THE PLT STATED THAT HE WAS LANDING DOWNWIND AND DOWNHILL FOR A NOISE ABATEMENT PROGRAM BUT DID NOT BELIEVE THAT HE WOULD EVER DO IT AGAIN.

## 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) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
2. GROUND LOOP/SWERVE - INADVERTENT - PILOT IN COMMAND
3. (F) WEATHER CONDITION - TAILWIND

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Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER  
Phase of Operation: LANDING - ROLL

Findings

4. (F) TERRAIN CONDITION - DOWNHILL

## Factual Information

### Pilot Information

|                                  |  |  |             |
|----------------------------------|--|--|-------------|
| <b>Certificate:</b>              | Private  | <b>Age:</b>                              | 56, Male    |
| <b>Airplane Rating(s):</b>       | Single-engine land   | <b>Seat Occupied:</b>                    | Left        |
| <b>Other Aircraft Rating(s):</b> | None   | <b>Restraint Used:</b>                   |             |
| <b>Instrument Rating(s):</b>     | None   | <b>Second Pilot Present:</b>             | No          |
| <b>Instructor Rating(s):</b>     | None   | <b>Toxicology Performed:</b>             | No          |
| <b>Medical Certification:</b>    | Class 3 Valid Medical--w/<br>waivers/lim   | <b>Last FAA Medical Exam:</b>            | May 1, 1986 |
| <b>Occupational Pilot:</b>       | UNK  | <b>Last Flight Review or Equivalent:</b> |             |
| <b>Flight Time:</b>              | 1300 hours (Total, all aircraft), 200 hours (Total, this make and model), 20 hours (Last 90 days, all aircraft), 2 hours (Last 24 hours, all aircraft) |  |             |

### Aircraft and Owner/Operator Information

|                                      |                          |                                       |                 |
|--------------------------------------|--------------------------|---------------------------------------|-----------------|
| <b>Aircraft Make:</b>                | CESSNA                   | <b>Registration:</b>                  | N6547A          |
| <b>Model/Series:</b>                 | 180 180                  | <b>Aircraft Category:</b>             | Airplane        |
| <b>Year of Manufacture:</b>          |                          | <b>Amateur Built:</b>                 |                 |
| <b>Airworthiness Certificate:</b>    | Normal                   | <b>Serial Number:</b>                 | 32444           |
| <b>Landing Gear Type:</b>            | Tailwheel                | <b>Seats:</b>                         | 4               |
| <b>Date/Type of Last Inspection:</b> | August 15, 1987 Annual   | <b>Certified Max Gross Wt.:</b>       | 2550 lbs        |
| <b>Time Since Last Inspection:</b>   | 31 Hrs                   | <b>Engines:</b>                       | 1 Reciprocating |
| <b>Airframe Total Time:</b>          | 2385 Hrs                 | <b>Engine Manufacturer:</b>           | CONTINENTAL     |
| <b>ELT:</b>                          | Installed, not activated | <b>Engine Model/Series:</b>           | O-470K          |
| <b>Registered Owner:</b>             | DEWEY F DODGE            | <b>Rated Power:</b>                   | 230 Horsepower  |
| <b>Operator:</b>                     | DEWEY FRANK DODGE        | <b>Operating Certificate(s) Held:</b> | None            |
| <b>Operator Does Business As:</b>    |                          | <b>Operator Designator Code:</b>      |                 |

## Meteorological Information and Flight Plan

|   |                                  |   |          |
|---|----------------------------------|---|----------|
| <b>Conditions at Accident Site:</b>     | Visual (VMC)                     | <b>Condition of Light:</b>                  | Day      |
| <b>Observation Facility, Elevation:</b> |                                  | <b>Distance from Accident Site:</b>         |          |
| <b>Observation Time:</b>                |                                  | <b>Direction from Accident Site:</b>        |          |
| <b>Lowest Cloud Condition:</b>          | Clear                            | <b>Visibility</b>                           | 15 miles |
| <b>Lowest Ceiling:</b>                  | None                             | <b>Visibility (RVR):</b>                    |          |
| <b>Wind Speed/Gusts:</b>                | 5 knots /                        | <b>Turbulence Type Forecast/Actual:</b>     | /        |
| <b>Wind Direction:</b>                  | 270°                             | <b>Turbulence Severity Forecast/Actual:</b> | /        |
| <b>Altimeter Setting:</b>               |                                  | <b>Temperature/Dew Point:</b>               |          |
| <b>Precipitation and Obscuration:</b>   | No Obscuration; No Precipitation |   |          |
| <b>Departure Point:</b>                 | PUEBLO , CO (PUB )               | <b>Type of Flight Plan Filed:</b>           | None     |
| <b>Destination:</b>                     |                                  | <b>Type of Clearance:</b>                   | None     |
| <b>Departure Time:</b>                  | 08:45 Local                      | <b>Type of Airspace:</b>                    | Class G  |

## Airport Information

|                             |                        |                                  |                 |
|-----------------------------|------------------------|----------------------------------|-----------------|
| <b>Airport:</b>             | TELLURIDE REGIONAL TEX | <b>Runway Surface Type:</b>      | Asphalt         |
| <b>Airport Elevation:</b>   | 9086 ft msl            | <b>Runway Surface Condition:</b> | Dry             |
| <b>Runway Used:</b>         | 9                      | <b>IFR Approach:</b>             | None            |
| <b>Runway Length/Width:</b> | 6900 ft / 75 ft        | <b>VFR Approach/Landing:</b>     | Traffic pattern |

## Wreckage and Impact Information

|                            |        |                             |                            |
|----------------------------|--------|-----------------------------|----------------------------|
| <b>Crew Injuries:</b>      | 1 None | <b>Aircraft Damage:</b>     | Substantial                |
| <b>Passenger Injuries:</b> | 3 None | <b>Aircraft Fire:</b>       | None                       |
| <b>Ground Injuries:</b>    | N/A    | <b>Aircraft Explosion:</b>  | None                       |
| <b>Total Injuries:</b>     | 4 None | <b>Latitude, Longitude:</b> | 37.939044,-107.900604(est) |

## Administrative Information

|  |   |
|--|---|
| <b>Investigator In Charge (IIC):</b>     | Tranter, Verlin   |
| <b>Additional Participating Persons:</b> | WALKER; SALT LAKE CITY , UT   |
| <b>Original Publish Date:</b>            | October 7, 1988   |
| <b>Last Revision Date:</b>               |   |
| <b>Investigation Class:</b>              | <a href="#">Class</a>   |
| <b>Note:</b>                             |   |
| <b>Investigation Docket:</b>             | <a href="https://data.nts.gov/Docket?ProjectID=17423">https://data.nts.gov/Docket?ProjectID=17423</a> |

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