



# Aviation Investigation Final Report

|                                |   |                         |             |
|--------------------------------|---|-------------------------|-------------|
| <b>Location:</b>               | WILLOW, Alaska                            | <b>Accident Number:</b> | ANC86LA164  |
| <b>Date &amp; Time:</b>        | September 9, 1986, 11:30 Local            | <b>Registration:</b>    | N9342A      |
| <b>Aircraft:</b>               | CESSNA 195A                               | <b>Aircraft Damage:</b> | Substantial |
| <b>Defining Event:</b>         |   | <b>Injuries:</b>        | 2 None      |
| <b>Flight Conducted Under:</b> | Part 91: General aviation - Instructional |                         |             |

## Analysis

THE PILOT REPORTED THAT WHILE DEMONSTRATING HIGH SPEED TAXI, THE AIRPLANE VEERED TO THE LEFT, ENTERED AN OPEN TRENCH, AND WAS DAMAGED. AN EXAM OF THE FLIGHT CONTROL AND BRAKE SYSTEMS REVEALED NO PRE-ACCIDENT MECHANICAL MALFUNCTION OR FAILURE.

## 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: TAXI - FROM LANDING

#### Findings

1. (C) JUDGMENT - POOR - PILOT IN COMMAND(CFI)
2. (F) AIRPORT FACILITIES, RUNWAY/LANDING AREA CONDITION - LOOSE GRAVEL/SANDY
3. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND(CFI)
4. GROUND LOOP/SWERVE - UNCONTROLLED

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

Findings

5. (F) TERRAIN CONDITION - DITCH

## Factual Information

### Pilot Information

|                                  |  |  |               |
|----------------------------------|--|--|---------------|
| <b>Certificate:</b>              | Airline transport; Commercial; Flight instructor   | <b>Age:</b>                              | 47, Male      |
| <b>Airplane Rating(s):</b>       | Single-engine land; Single-engine sea; Multi-engine land; Multi-engine sea   | <b>Seat Occupied:</b>                    | Right         |
| <b>Other Aircraft Rating(s):</b> |  | <b>Restraint Used:</b>                   |               |
| <b>Instrument Rating(s):</b>     | Airplane   | <b>Second Pilot Present:</b>             | Yes           |
| <b>Instructor Rating(s):</b>     | Airplane multi-engine; Airplane single-engine  | <b>Toxicology Performed:</b>             | No            |
| <b>Medical Certification:</b>    | Class 2 Valid Medical--no waivers/lim.   | <b>Last FAA Medical Exam:</b>            | June 17, 1986 |
| <b>Occupational Pilot:</b>       | Yes  | <b>Last Flight Review or Equivalent:</b> |               |
| <b>Flight Time:</b>              | 12050 hours (Total, all aircraft), 90 hours (Total, this make and model), 12050 hours (Pilot In Command, all aircraft), 10 hours (Last 90 days, all aircraft), 2 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft) |  |               |

## Aircraft and Owner/Operator Information

|                                      |                          |                                       |                 |
|--------------------------------------|--------------------------|---------------------------------------|-----------------|
| <b>Aircraft Make:</b>                | CESSNA                   | <b>Registration:</b>                  | N9342A          |
| <b>Model/Series:</b>                 | 195A 195A                | <b>Aircraft Category:</b>             | Airplane        |
| <b>Year of Manufacture:</b>          |                          | <b>Amateur Built:</b>                 |                 |
| <b>Airworthiness Certificate:</b>    | Normal                   | <b>Serial Number:</b>                 | 7521            |
| <b>Landing Gear Type:</b>            | Tailwheel                | <b>Seats:</b>                         | 4               |
| <b>Date/Type of Last Inspection:</b> | January 10, 1986 Annual  | <b>Certified Max Gross Wt.:</b>       | 3350 lbs        |
| <b>Time Since Last Inspection:</b>   | 25 Hrs                   | <b>Engines:</b>                       | 1 Reciprocating |
| <b>Airframe Total Time:</b>          | 2500 Hrs                 | <b>Engine Manufacturer:</b>           | JACOBS          |
| <b>ELT:</b>                          | Installed, not activated | <b>Engine Model/Series:</b>           | R-755-9         |
| <b>Registered Owner:</b>             | GORDON J. KRIST          | <b>Rated Power:</b>                   | 245 Horsepower  |
| <b>Operator:</b>                     |                          | <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>                           | 40 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>                  | 0°                               | <b>Turbulence Severity Forecast/Actual:</b> | /          |
| <b>Altimeter Setting:</b>               | 29 inches Hg                     | <b>Temperature/Dew Point:</b>               | 14°C / 4°C |
| <b>Precipitation and Obscuration:</b>   | No Obscuration; No Precipitation |   |            |
| <b>Departure Point:</b>                 | ANCHORAGE , AK (MRI )            | <b>Type of Flight Plan Filed:</b>           | None       |
| <b>Destination:</b>                     |                                  | <b>Type of Clearance:</b>                   | None       |
| <b>Departure Time:</b>                  | 11:30 Local                      | <b>Type of Airspace:</b>                    | Class G    |

## Airport Information

|                             |                  |                                  |                 |
|-----------------------------|------------------|----------------------------------|-----------------|
| <b>Airport:</b>             | WILLOW Z22       | <b>Runway Surface Type:</b>      | Gravel          |
| <b>Airport Elevation:</b>   | 220 ft msl       | <b>Runway Surface Condition:</b> | Dry             |
| <b>Runway Used:</b>         | 13               | <b>IFR Approach:</b>             | None            |
| <b>Runway Length/Width:</b> | 4600 ft / 105 ft | <b>VFR Approach/Landing:</b>     | Traffic pattern |

## Wreckage and Impact Information

|                            |        |                             |                            |
|----------------------------|--------|-----------------------------|----------------------------|
| <b>Crew Injuries:</b>      | 2 None | <b>Aircraft Damage:</b>     | Substantial                |
| <b>Passenger Injuries:</b> |        | <b>Aircraft Fire:</b>       | None                       |
| <b>Ground Injuries:</b>    | N/A    | <b>Aircraft Explosion:</b>  | None                       |
| <b>Total Injuries:</b>     | 2 None | <b>Latitude, Longitude:</b> | 61.889717,-149.729904(est) |

## Administrative Information

**Investigator In Charge (IIC):** Daw, Roy

**Additional Participating Persons:**

**Original Publish Date:**

**Last Revision Date:**

**Investigation Class:** [Class](#)

**Note:**

**Investigation Docket:** <https://data.nts.gov/Docket?ProjectID=4748>

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