



# Aviation Investigation Final Report

|                                |                            |                         |             |
|--------------------------------|----------------------------|-------------------------|-------------|
| <b>Location:</b>               | BAKERSFIELD, California    | <b>Accident Number:</b> | LAX82DA263  |
| <b>Date &amp; Time:</b>        | July 13, 1982, 12:15 Local | <b>Registration:</b>    | N2744Q      |
| <b>Aircraft:</b>               | CESSNA A185F               | <b>Aircraft Damage:</b> | Substantial |
| <b>Defining Event:</b>         |                            | <b>Injuries:</b>        | 1 None      |
| <b>Flight Conducted Under:</b> | Part 91: General aviation  |                         |             |

## Analysis

THE PILOT REPORTED THAT DURING LANDING, THE AIRCRAFT ENCOUNTERED A GUST OF WIND AND VEERED TO THE RIGHT. REPORTEDLY, THE AIRCRAFT WENT OFF THE RIGHT SIDE OF THE RUNWAY, WENT INTO SOFT DIRT AND NOSED OVER. THE PILOT REPORTED THAT THE WIND WAS FROM 320 DEG AT 5 GUSTING 10 KTS. SEVEN MILES NORTH AT BAKERSFIELD, CA, THE WIND WAS FROM 300 DEG AT 12 KTS.

## 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. (F) WEATHER CONDITION - CROSSWIND
2. (F) WEATHER CONDITION - GUSTS
3. (C) COMPENSATION FOR WIND CONDITIONS - IMPROPER - PILOT IN COMMAND
4. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
5. (C) GROUND LOOP/SWERVE - NOT CORRECTED - PILOT IN COMMAND

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Occurrence #2: NOSE OVER  
Phase of Operation: LANDING - ROLL

Findings

6. (F) TERRAIN CONDITION - SOFT

## Factual Information

### Pilot Information

|                                  |   |  |                    |
|----------------------------------|---|--|--------------------|
| <b>Certificate:</b>              | Private   | <b>Age:</b>                              | U                  |
| <b>Airplane Rating(s):</b>       | Single-engine land  | <b>Seat Occupied:</b>                    | Unknown            |
| <b>Other Aircraft Rating(s):</b> |   | <b>Restraint Used:</b>                   |                    |
| <b>Instrument Rating(s):</b>     | Airplane  | <b>Second Pilot Present:</b>             | No                 |
| <b>Instructor Rating(s):</b>     | None  | <b>Toxicology Performed:</b>             | No                 |
| <b>Medical Certification:</b>    | Class 2 Valid Medical-w/<br>waivers/lim   | <b>Last FAA Medical Exam:</b>            | September 16, 1981 |
| <b>Occupational Pilot:</b>       | UNK   | <b>Last Flight Review or Equivalent:</b> |                    |
| <b>Flight Time:</b>              | 735 hours (Total, all aircraft), 425 hours (Total, this make and model), 629 hours (Pilot In Command, all aircraft), 41 hours (Last 90 days, all aircraft), 6 hours (Last 24 hours, all aircraft) |  |                    |

### Aircraft and Owner/Operator Information

|                                      |                                |   |                 |
|--------------------------------------|--------------------------------|---|-----------------|
| <b>Aircraft Make:</b>                | CESSNA                         | <b>Registration:</b>                      | N2744Q          |
| <b>Model/Series:</b>                 | A185F A185F                    | <b>Aircraft Category:</b>                 | Airplane        |
| <b>Year of Manufacture:</b>          |                                | <b>Amateur Built:</b>                     |                 |
| <b>Airworthiness Certificate:</b>    |                                | <b>Serial Number:</b>                     | 3528            |
| <b>Landing Gear Type:</b>            | Tailwheel                      | <b>Seats:</b>                             | 6               |
| <b>Date/Type of Last Inspection:</b> | Unknown                        | <b>Certified Max Gross Wt.:</b>           | 3350 lbs        |
| <b>Time Since Last Inspection:</b>   | 40 Hrs                         | <b>Engines:</b>                           | 1 Reciprocating |
| <b>Airframe Total Time:</b>          | 828 Hrs                        | <b>Engine Manufacturer:</b>               | CONTINENTAL     |
| <b>ELT:</b>                          | Installed                      | <b>Engine Model/Series:</b>               | IO-520D         |
| <b>Registered Owner:</b>             | KEAN VALLEY PACKING<br>COMPANY | <b>Rated Power:</b>                       | 300 Horsepower  |
| <b>Operator:</b>                     | KEAN VALLEY PACKING<br>COMPANY | <b>Operating Certificate(s)<br/>Held:</b> |                 |
| <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> | BFL                              | <b>Distance from Accident Site:</b>         | 7 Nautical Miles |
| <b>Observation Time:</b>                | 11:55 Local                      | <b>Direction from Accident Site:</b>        | 360°             |
| <b>Lowest Cloud Condition:</b>          | Clear                            | <b>Visibility</b>                           | 15 miles         |
| <b>Lowest Ceiling:</b>                  | Unknown                          | <b>Visibility (RVR):</b>                    |                  |
| <b>Wind Speed/Gusts:</b>                | 12 knots /                       | <b>Turbulence Type Forecast/Actual:</b>     | /                |
| <b>Wind Direction:</b>                  | 300°                             | <b>Turbulence Severity Forecast/Actual:</b> | /                |
| <b>Altimeter Setting:</b>               | 29 inches Hg                     | <b>Temperature/Dew Point:</b>               | 99°C             |
| <b>Precipitation and Obscuration:</b>   | No Obscuration; No Precipitation |   |                  |
| <b>Departure Point:</b>                 | ONYX , CA                        | <b>Type of Flight Plan Filed:</b>           | None             |
| <b>Destination:</b>                     | DENVER , CO (DEN )               | <b>Type of Clearance:</b>                   | None             |
| <b>Departure Time:</b>                  | 11:40 Local                      | <b>Type of Airspace:</b>                    |                  |

## Airport Information

|                             |                |                                  |              |
|-----------------------------|----------------|----------------------------------|--------------|
| <b>Airport:</b>             | PRIVATE        | <b>Runway Surface Type:</b>      | Asphalt;Dirt |
| <b>Airport Elevation:</b>   | 0 ft msl       | <b>Runway Surface Condition:</b> | Dry          |
| <b>Runway Used:</b>         | 27             | <b>IFR Approach:</b>             |              |
| <b>Runway Length/Width:</b> | 1800 ft / 0 ft | <b>VFR Approach/Landing:</b>     |              |

## Wreckage and Impact Information

|                            |        |                             |             |
|----------------------------|--------|-----------------------------|-------------|
| <b>Crew Injuries:</b>      | 1 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>     | 1 None | <b>Latitude, Longitude:</b> |             |

## Administrative Information

**Investigator In Charge (IIC):**

**Additional Participating Persons:**

**Original Publish Date:** July 13, 1983

**Last Revision Date:**

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

**Note:**

**Investigation Docket:** <https://data.nts.gov/Docket?ProjectID=69870>

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