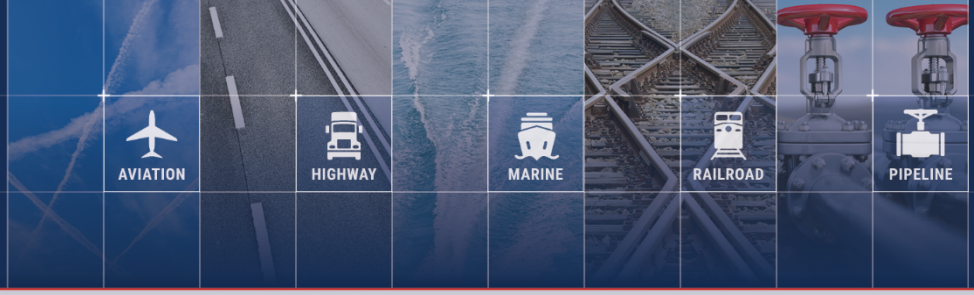


# Aviation Investigation Final Report

| | | | |
|---|---|---|---|
| **Location:** | RIALTO, California | **Accident Number:** | LAX90LA044 |
| **Date & Time:** | December 3, 1989, 15:10 Local | **Registration:** | N334K |
| **Aircraft:** | STINSON 108-2 | **Aircraft Damage:** | Substantial |
| **Defining Event:** | | **Injuries:** | 1 None |
| **Flight Conducted Under:** | Part 91: General aviation - Personal | | |

## Analysis

THE PILOT REPORTED HE LOST CONTROL DURING A CROSSWIND LANDING, AND THE LEFT GEAR COLLAPSED DURING THE SUBSEQUENT GROUNDLOOP. THE WINDS WERE GUSTING, AND HE REPORTED HE SHOULD HAVE PERFORMED A FLY-BY TO DETERMINE THE WIND CONDITIONS.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT'S FAILURE TO MAINTAIN DIRECTIONAL CONTROL DURING LANDING. CONTRIBUTING FACTORS WERE THE GUSTY CROSSWIND CONDITIONS.

### 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) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
4. GROUND LOOP/SWERVE - INADVERTENT - PILOT IN COMMAND
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Occurrence #2: MAIN GEAR COLLAPSED

Phase of Operation: LANDING - ROLL

Findings
5. LANDING GEAR,MAIN GEAR - OVERLOAD

# Factual Information

## Pilot Information

| | | | |
|---|---|---|---|
| **Certificate:** | Private | **Age:** | 29,Male |
| **Airplane Rating(s):** | Single-engine land | **Seat Occupied:** | Unknown |
| **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 3 Unknown | **Last FAA Medical Exam:** | |
| **Occupational Pilot:** | UNK | **Last Flight Review or Equivalent:** | |
| **Flight Time:** | 192 hours (Total, all aircraft), 80 hours (Total, this make and model) | | |

## Aircraft and Owner/Operator Information

| | | | |
|---|---|---|---|
| **Aircraft Make:** | STINSON | **Registration:** | N334K |
| **Model/Series:** | 108-2 108-2 | **Aircraft Category:** | Airplane |
| **Year of Manufacture:** | | **Amateur Built:** | |
| **Airworthiness Certificate:** | | **Serial Number:** | 108-2378 |
| **Landing Gear Type:** | Tailwheel | **Seats:** | 4 |
| **Date/Type of Last Inspection:** | Unknown | **Certified Max Gross Wt.:** | 2230 lbs |
| **Time Since Last Inspection:** | 0 Hrs | **Engines:** | 1 Reciprocating |
| **Airframe Total Time:** | | **Engine Manufacturer:** | FRANKLIN |
| **ELT:** | Installed, not activated | **Engine Model/Series:** | 6A4-165-B3 |
| **Registered Owner:** | BILL T. GOOD | **Rated Power:** | 165 Horsepower |
| **Operator:** | | **Operating Certificate(s) Held:** | None |
| **Operator Does Business As:** | | **Operator Designator Code:** | |

## Meteorological Information and Flight Plan

| | | | |
|---|---|---|---|
| **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:** | Unknown | **Visibility** | 15 miles |
| **Lowest Ceiling:** | Unknown | **Visibility (RVR):** | |
| **Wind Speed/Gusts:** | 5 knots / 25 knots | **Turbulence Type Forecast/Actual:** | / |
| **Wind Direction:** | 360° | **Turbulence Severity Forecast/Actual:** | / |
| **Altimeter Setting:** | | **Temperature/Dew Point:** | 18°C / -18°C |
| **Precipitation and Obscuration:** | No Obscuration; No Precipitation | | |
| **Departure Point:** | OVERTON , NV (U08 ) | **Type of Flight Plan Filed:** | VFR |
| **Destination:** | | **Type of Clearance:** | None |
| **Departure Time:** | 12:30 Local | **Type of Airspace:** | |

## Airport Information

| | | | |
|---|---|---|---|
| **Airport:** | RIALTO L67 | **Runway Surface Type:** | Asphalt |
| **Airport Elevation:** | 1438 ft msl | **Runway Surface Condition:** | Dry |
| **Runway Used:** | 24 | **IFR Approach:** | None |
| **Runway Length/Width:** | 4500 ft / 75 ft | **VFR Approach/Landing:** | Full stop |

## Wreckage and Impact Information

| | | | |
|---|---|---|---|
| **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:** | 34.159866,-117.38961(est) |

## Administrative Information

| | |
|---|---|
| **Investigator In Charge (IIC):** | Mucho, R. gary |
| **Additional Participating Persons:** | |
| **Original Publish Date:** | June 22, 1992 |
| **Last Revision Date:** | |
| **Investigation Class:** | Class |
| **Note:** | |
| **Investigation Docket:** | https://data.ntsb.gov/Docket?ProjectID=26696 |