



# Aviation Investigation Final Report

|                                |                                      |                         |             |
|--------------------------------|--------------------------------------|-------------------------|-------------|
| <b>Location:</b>               | Pilot Point, Alaska                  | <b>Accident Number:</b> | ANC13CA106  |
| <b>Date &amp; Time:</b>        | September 28, 2013, 20:15 Local      | <b>Registration:</b>    | N1592F      |
| <b>Aircraft:</b>               | Cessna 185E                          | <b>Aircraft Damage:</b> | Substantial |
| <b>Defining Event:</b>         | Loss of control on ground            | <b>Injuries:</b>        | 1 None      |
| <b>Flight Conducted Under:</b> | Part 91: General aviation - Personal |                         |             |

## Analysis

The pilot stated that, as he was returning to the airport from a local flight, he noticed the wind had increased to 25 knots, gusting to 32 knots, and was almost a direct crosswind with the landing runway. He decided to land the airplane on the ramp, directly into the wind. As soon as the landing gear touched down, he noticed he was drifting toward a building, and was unable to correct for the drift. The left wing collided with the corner of the building, sustaining substantial damage. The pilot reported no preaccident mechanical malfunctions or failures with the airplane that would have precluded normal operation.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

The pilot's decision to land the airplane on the ramp, in the vicinity of buildings, in gusty wind conditions.

## Findings

|                             |                                    |
|-----------------------------|------------------------------------|
| <b>Personnel issues</b>     | Decision making/judgment - Pilot   |
| <b>Personnel issues</b>     | Aircraft control - Pilot           |
| <b>Environmental issues</b> | High wind - Contributed to outcome |

## Factual Information

### History of Flight

|                             |  |
|-----------------------------|--|
| <b>Landing-landing roll</b> | Loss of control on ground (Defining event) |
| <b>Landing-landing roll</b> | Collision with terr/obj (non-CFIT)         |

### Pilot Information

|                                  |   |  |                   |
|----------------------------------|---|--|-------------------|
| <b>Certificate:</b>              | Airline transport   | <b>Age:</b>                              | 59                |
| <b>Airplane Rating(s):</b>       | Single-engine land; Single-engine sea; Multi-engine land                  | <b>Seat Occupied:</b>                    | Left              |
| <b>Other Aircraft Rating(s):</b> | None  | <b>Restraint Used:</b>                   | Lap only          |
| <b>Instrument Rating(s):</b>     | Airplane  | <b>Second Pilot Present:</b>             |                   |
| <b>Instructor Rating(s):</b>     | None  | <b>Toxicology Performed:</b>             | No                |
| <b>Medical Certification:</b>    | None  | <b>Last FAA Medical Exam:</b>            |                   |
| <b>Occupational Pilot:</b>       | No  | <b>Last Flight Review or Equivalent:</b> | February 28, 2013 |
| <b>Flight Time:</b>              | 7825 hours (Total, all aircraft), 4650 hours (Total, this make and model) |  |                   |

### Aircraft and Owner/Operator Information

|                                      |                        |                                       |                    |
|--------------------------------------|------------------------|---------------------------------------|--------------------|
| <b>Aircraft Make:</b>                | Cessna                 | <b>Registration:</b>                  | N1592F             |
| <b>Model/Series:</b>                 | 185E                   | <b>Aircraft Category:</b>             | Airplane           |
| <b>Year of Manufacture:</b>          | 1966                   | <b>Amateur Built:</b>                 |                    |
| <b>Airworthiness Certificate:</b>    | Normal                 | <b>Serial Number:</b>                 | 185-0974           |
| <b>Landing Gear Type:</b>            | Tailwheel              | <b>Seats:</b>                         |                    |
| <b>Date/Type of Last Inspection:</b> | August 21, 2013 Annual | <b>Certified Max Gross Wt.:</b>       |                    |
| <b>Time Since Last Inspection:</b>   | 51 Hrs                 | <b>Engines:</b>                       | 1 Reciprocating    |
| <b>Airframe Total Time:</b>          | 5263 Hrs               | <b>Engine Manufacturer:</b>           | Continental Motors |
| <b>ELT:</b>                          | Installed              | <b>Engine Model/Series:</b>           | IO 520             |
| <b>Registered Owner:</b>             | On file                | <b>Rated Power:</b>                   | 300 Horsepower     |
| <b>Operator:</b>                     | On file                | <b>Operating Certificate(s) Held:</b> | None               |

## Meteorological Information and Flight Plan

|   |                                  |   |             |
|---|----------------------------------|---|-------------|
| <b>Conditions at Accident Site:</b>     | Visual (VMC)                     | <b>Condition of Light:</b>                  | Day         |
| <b>Observation Facility, Elevation:</b> | PAPN                             | <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>                           | 10 miles    |
| <b>Lowest Ceiling:</b>                  | None                             | <b>Visibility (RVR):</b>                    |             |
| <b>Wind Speed/Gusts:</b>                | 25 knots / 35 knots              | <b>Turbulence Type Forecast/Actual:</b>     | / Clear air |
| <b>Wind Direction:</b>                  | 330°                             | <b>Turbulence Severity Forecast/Actual:</b> | / Moderate  |
| <b>Altimeter Setting:</b>               | 29.57 inches Hg                  | <b>Temperature/Dew Point:</b>               | 4°C         |
| <b>Precipitation and Obscuration:</b>   | No Obscuration; No Precipitation |   |             |
| <b>Departure Point:</b>                 | Pilot Point, AK (PNP )           | <b>Type of Flight Plan Filed:</b>           | None        |
| <b>Destination:</b>                     | Pilot Point, AK (PNP )           | <b>Type of Clearance:</b>                   | None        |
| <b>Departure Time:</b>                  | 19:30 Local                      | <b>Type of Airspace:</b>                    |             |

## Airport Information

|                             |                 |                                  |        |
|-----------------------------|-----------------|----------------------------------|--------|
| <b>Airport:</b>             | PILOT POINT PNP | <b>Runway Surface Type:</b>      | Gravel |
| <b>Airport Elevation:</b>   | 57 ft msl       | <b>Runway Surface Condition:</b> | Dry    |
| <b>Runway Used:</b>         |                 | <b>IFR Approach:</b>             | None   |
| <b>Runway Length/Width:</b> |                 | <b>VFR Approach/Landing:</b>     | None   |

## 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> | 57.580276,-157.571945(est) |

## Administrative Information

|  |   |
|--|---|
| <b>Investigator In Charge (IIC):</b>     | Shaver, Christopher   |
| <b>Additional Participating Persons:</b> | ANC FSDO; FAA; Anchorage, AK  |
| <b>Original Publish Date:</b>            | December 2, 2013  |
| <b>Last Revision Date:</b>               |   |
| <b>Investigation Class:</b>              | <a href="#">Class</a>   |
| <b>Note:</b>                             | This accident report documents the factual circumstances of this accident as described to the NTSB.   |
| <b>Investigation Docket:</b>             | <a href="https://data.nts.gov/Docket?ProjectID=88168">https://data.nts.gov/Docket?ProjectID=88168</a> |

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