



# National Transportation Safety Board Aviation Accident Data Summary

|                                |                                      |                         |            |
|--------------------------------|--------------------------------------|-------------------------|------------|
| <b>Location:</b>               | Lancaster, TX                        | <b>Accident Number:</b> | CEN12CA614 |
| <b>Date &amp; Time:</b>        | 09/01/2012, 0915 CDT                 | <b>Registration:</b>    | N4431F     |
| <b>Aircraft:</b>               | CESSNA L-19E                         | <b>Injuries:</b>        | 1 None     |
| <b>Flight Conducted Under:</b> | Part 91: General Aviation - Personal |                         |            |

## Analysis

The pilot reported that he landed the tailwheel-equipped airplane on the main wheels and upon slowing to about 20 mph, lowered the tailwheel to the runway. The airplane veered to the right, and the pilot attempted to control the direction by applying the left brake. He “overcorrected” to the left, and the airplane ground looped and veered off the left side of the runway. The inspection of the airplane revealed substantial damage to the right wing spar. The pilot stated that he should have added power to maintain directional control as soon as the turn started. He reported no mechanical malfunctions or failures with the airplane that would have precluded normal operation.

## Flight Events

Landing-landing roll - Loss of control on ground  
Landing-landing roll - Runway excursion

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:  
The pilot's failure to maintain directional control during the landing roll, which resulted in a ground loop.

## Findings

Aircraft-Aircraft oper/perf/capability-Performance/control parameters-Directional control-Not attained/maintained - C  
Personnel issues-Action/decision-Action-Incorrect action performance-Pilot - C

## Pilot Information

|                                  |  |                              |      |
|----------------------------------|--|------------------------------|------|
| <b>Certificate:</b>              | Private  | <b>Age:</b>                  | 70   |
| <b>Airplane Rating(s):</b>       | Single-engine Land   | <b>Instrument Rating(s):</b> | None |
| <b>Other Aircraft Rating(s):</b> | None   | <b>Instructor Rating(s):</b> | None |
| <b>Flight Time:</b>              | 2613 hours (Total, all aircraft), 409 hours (Total, this make and model) |                              |      |

## Aircraft and Owner/Operator Information

|   |                                      |                             |                 |
|---|--------------------------------------|-----------------------------|-----------------|
| <b>Aircraft Manufacturer:</b>             | CESSNA                               | <b>Registration:</b>        | N4431F          |
| <b>Model/Series:</b>                      | L-19E                                | <b>Engines:</b>             | 1 Reciprocating |
| <b>Operator:</b>                          | Brian I. Hague                       | <b>Engine Manufacturer:</b> | Continental     |
| <b>Air Carrier Operating Certificate:</b> | None                                 | <b>Engine Model/Series:</b> | O-470-11        |
| <b>Flight Conducted Under:</b>            | Part 91: General Aviation - Personal |                             |                 |

## Meteorological Information and Flight Plan

|   |                          |                                     |                     |
|---|--------------------------|-------------------------------------|---------------------|
| <b>Observation Facility, Elevation:</b> | LNC                      | <b>Weather Information Source:</b>  | Pilot               |
| <b>Conditions at Accident Site:</b>     | Visual Conditions        | <b>Lowest Ceiling:</b>              | None                |
| <b>Condition of Light:</b>              | Day                      | <b>Wind Speed/Gusts, Direction:</b> | 10 knots, 210°      |
| <b>Temperature:</b>                     |                          | <b>Visibility</b>                   | 10 Miles            |
| <b>Precipitation and Obscuration:</b>   | Haze                     |                                     |                     |
| <b>Departure Point:</b>                 | Fredericksburg, TX (T82) | <b>Destination:</b>                 | Lancaster, TX (LNC) |

## Airport Information

|                             |                                  |                                  |         |
|-----------------------------|----------------------------------|----------------------------------|---------|
| <b>Airport:</b>             | Lancaster Regional Airport (LNC) | <b>Runway Surface Type:</b>      | Asphalt |
| <b>Runway Used:</b>         | 13                               | <b>Runway Surface Condition:</b> | Dry     |
| <b>Runway Length/Width:</b> | 6502 ft / 100 ft                 |                                  |         |

## Wreckage and Impact Information

|                            |        |                            |             |
|----------------------------|--------|----------------------------|-------------|
| <b>Crew Injuries:</b>      | 1 None | <b>Aircraft Damage:</b>    | Substantial |
| <b>Passenger Injuries:</b> | N/A    | <b>Aircraft Fire:</b>      | None        |
| <b>Ground Injuries:</b>    | N/A    | <b>Aircraft Explosion:</b> | None        |

## Administrative Information

|                                      |   |                      |            |
|--------------------------------------|---|----------------------|------------|
| <b>Investigator In Charge (IIC):</b> | James P Silliman  | <b>Adopted Date:</b> | 01/31/2013 |
| <b>Note:</b>                         | This accident report documents the factual circumstances of this accident as described to the NTSB.                             |                      |            |
| <b>Investigation Docket:</b>         | <a href="http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=84965">http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=84965</a> |                      |            |

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report.