



# Aviation Investigation Final Report

<b>Location:</b>	Guymon, Oklahoma	<b>Accident Number:</b>	FTW03LA162
<b>Date &amp; Time:</b>	May 25, 2003, 17:45 Local	<b>Registration:</b>	N6578E
<b>Aircraft:</b>	Cessna A185F	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 Minor, 1 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

The private pilot encountered a 10 knot crosswind while landing on runway 18. He was not able to maintain directional control after the airplane veered left and departed the runway. No mechanical defects or anomalies were reported or found with the airplane. He had reported over 1136 hours of total flight time which included 432 hours in make and model.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's inadequate compensation for the crosswind, and his failure to maintain directional control. A factor was the crosswind.

## Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER  
Phase of Operation: LANDING - ROLL

### Findings

1. (F) WEATHER CONDITION - CROSSWIND
  2. (C) COMPENSATION FOR WIND CONDITIONS - IMPROPER - PILOT IN COMMAND
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Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER  
Phase of Operation: LANDING - ROLL

Findings

3. GROUND LOOP/SWERVE - INADVERTENT - PILOT IN COMMAND

## Factual Information

On May 25, 2003, at 1745 central daylight time, a Cessna A185F tailwheel-equipped airplane, N6578E, was substantially damaged following a loss of directional control while landing at the Guymon Municipal Airport (GUY), near Guymon, Oklahoma. The non-instrument rated private pilot was not injured and his passenger sustained minor injuries. The airplane was registered to and operated by Hitch Enterprises, Inc., of Guymon, Oklahoma. Visual meteorological conditions prevailed, and a flight plan had not been filed for the 14 Code of Federal Regulations Part 91 personal flight. The local flight originated from GUY approximately 1630.

The pilot reported that he flew a visual approach to runway 18 at GUY. The airplane touched down on the main gear at 65 knots, rolled down the runway, and while at approximately 30 knots, the airplane veered to the left of centerline. The pilot added that the airplane "felt like the tail came around." The airplane traveled for an additional 15 feet before coming to rest 10 feet from the east edge of runway 18.

The 1,136-hour pilot reported to have accumulated a total of 432 hours in the same make and model of airplane.

Examination of the wreckage revealed structural damage to the right wing and the right main landing gear attaching point. No mechanical defects were reported by the pilot and no anomalies were found with the airplane that could have prevented normal flight operations.

The weather observation at GUY, at 1653, reported the winds from 120 degrees at 10 knots.

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	57, Male
<b>Airplane Rating(s):</b>	Single-engine land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 3 Valid Medical-w/ waivers/lim	<b>Last FAA Medical Exam:</b>	August 14, 2001
<b>Occupational Pilot:</b>	UNK	<b>Last Flight Review or Equivalent:</b>	May 7, 2002
<b>Flight Time:</b>	1136 hours (Total, all aircraft), 432 hours (Total, this make and model), 1061 hours (Pilot In Command, all aircraft), 17 hours (Last 90 days, all aircraft), 7 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Cessna	<b>Registration:</b>	N6578E
<b>Model/Series:</b>	A185F	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	18504055
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	4
<b>Date/Type of Last Inspection:</b>	June 17, 2002 Annual	<b>Certified Max Gross Wt.:</b>	3350 lbs
<b>Time Since Last Inspection:</b>	46 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	2581 Hrs at time of accident	<b>Engine Manufacturer:</b>	Continental
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	IO-520D30
<b>Registered Owner:</b>	Hitch Enterprises	<b>Rated Power:</b>	300 Horsepower
<b>Operator:</b>		<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>	GUY,3100 ft msl	<b>Distance from Accident Site:</b>	0 Nautical Miles
<b>Observation Time:</b>	17:53 Local	<b>Direction from Accident Site:</b>	0°
<b>Lowest Cloud Condition:</b>	Scattered / 2300 ft AGL	<b>Visibility</b>	10 miles
<b>Lowest Ceiling:</b>	None	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	10 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	120°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	30.02 inches Hg	<b>Temperature/Dew Point:</b>	18°C / 13°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	Guymon (GUY)	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	(GUY)	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	16:30 Local	<b>Type of Airspace:</b>	Class E

## Airport Information

<b>Airport:</b>	Guymon Municipal GUY	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	3123 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	18	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	5900 ft / 100 ft	<b>VFR Approach/Landing:</b>	Straight-in

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	1 Minor	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	1 Minor, 1 None	<b>Latitude, Longitude:</b>	36.685001,-101.507774

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Casanova, Hector
<b>Additional Participating Persons:</b>	Don M Cook; Federal Aviation Administration; Oklahoma City, OK
<b>Original Publish Date:</b>	September 30, 2003
<b>Last Revision Date:</b>	
<b>Investigation Class:</b>	<a href="#">Class</a>
<b>Note:</b>	
<b>Investigation Docket:</b>	<a href="https://data.ntsb.gov/Docket?ProjectID=57074">https://data.ntsb.gov/Docket?ProjectID=57074</a>

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