



Aviation Investigation Final Report

Location:	ANGWIN, California	Accident Number:	LAX02LA185
Date & Time:	June 6, 2002, 17:10 Local	Registration:	N714WH
Aircraft:	Cessna A185F	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The airplane ran off the side of the runway after a gust of wind lifted the left wing off the ground and the right wing struck the ground. The pilot couldn't control the airplane and it departed the left side of the runway. The closest weather reporting station at Sonoma Airport, about 18 nm west of Angwin, reported the winds to be from 150 degrees at 8 knots with no gusts.

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 wind conditions resulted in a loss of directional control and a ground loop/swerve.

Findings

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

Findings

1. (C) COMPENSATION FOR WIND CONDITIONS - INADEQUATE - PILOT IN COMMAND
2. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
3. GROUND LOOP/SWERVE - ENCOUNTERED - PILOT IN COMMAND

Factual Information

On June 6, 2002, about 1710 Pacific daylight time, a Cessna A185F, N714WH, veered off the runway and collided with a berm during landing at Angwin, California. The owner was operating the airplane under the provisions of 14 CFR Part 91. The airline transport pilot, the sole occupant, was not injured; the airplane sustained substantial damage. The personal cross-country flight departed San Carlos, California, about 1635. Day visual meteorological conditions prevailed, and no flight plan had been filed.

The pilot stated that he was landing on runway 34. After landing, a gust of wind lifted the left wing off the ground, and the right wing contacted the ground. He said he couldn't control the airplane, and it departed the runway to the left. He shut the airplane down before it came to a stop.

The closest weather reporting station at Sonoma Airport, about 18 nm west of Angwin airport, reported the winds to be from 150 degrees at 8 knots with no gusts.

Pilot Information

Certificate:	Airline transport; Commercial; Flight engineer; Flight instructor	Age:	74, Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	Airplane single-engine	Toxicology Performed:	No
Medical Certification:	Class 1 Valid Medical--w/ waivers/lim	Last FAA Medical Exam:	November 21, 2000
Occupational Pilot:	UNK	Last Flight Review or Equivalent:	August 8, 2001
Flight Time:	33186 hours (Total, all aircraft), 97 hours (Total, this make and model), 17 hours (Last 90 days, all aircraft), 6 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N714WH
Model/Series:	A185F	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Utility	Serial Number:	18504426
Landing Gear Type:	Tailwheel	Seats:	4
Date/Type of Last Inspection:	Unknown	Certified Max Gross Wt.:	2600 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	Continental
ELT:	Installed, not activated	Engine Model/Series:	10520D
Registered Owner:	Jack P Chambers and Laurence Turely	Rated Power:	300 Horsepower
Operator:	JACK P. CHAMBERS	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	STS,125 ft msl	Distance from Accident Site:	18 Nautical Miles
Observation Time:	16:53 Local	Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	8 knots / 0 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	150°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29.79 inches Hg	Temperature/Dew Point:	31°C / 12°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	SAN CARLOS, CA (F2L)	Type of Flight Plan Filed:	None
Destination:	ANGWIN, CA (203)	Type of Clearance:	Unknown
Departure Time:	16:35 Local	Type of Airspace:	Class G

Airport Information

Airport:	Angwin 203	Runway Surface Type:	Asphalt
Airport Elevation:		Runway Surface Condition:	Dry
Runway Used:	340	IFR Approach:	None
Runway Length/Width:	3200 ft / 50 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:	38.569728,-122.439811(est)

Administrative Information

Investigator In Charge (IIC): Plagens, H.

Additional Participating Persons: Mike Bohamera; FAA FSDO; Sacramento, CA

Original Publish Date: November 25, 2003

Last Revision Date:

Investigation Class: [Class](#)

Note:

Investigation Docket: <https://data.ntsb.gov/Docket?ProjectID=54862>

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