



# Aviation Investigation Final Report

<b>Location:</b>	CAMARILLO, California	<b>Accident Number:</b>	LAX97LA136
<b>Date &amp; Time:</b>	March 30, 1997, 13:45 Local	<b>Registration:</b>	N9065N
<b>Aircraft:</b>	Cessna 180C	<b>Aircraft Damage:</b>	Destroyed
<b>Defining Event:</b>		<b>Injuries:</b>	1 Minor, 1 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

The pilot said he lost control of the airplane during a left crosswind landing. The wind lifted the airplane's left wing until the right wing tip dragged on the ground. The airplane then nosed over, damaging the vertical stabilizer, fuselage, and wings. The pilot estimated the wind velocity at 20 to 25 knots. The air traffic control tower recorded wind velocities at 12 knots. The pilot indicated on his report that there were no mechanical failures or malfunctions with the airplane before the accident.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's failure to adequately compensate for crosswind conditions during landing.

## Findings

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

### Findings

1. (F) WEATHER CONDITION - CROSSWIND
  2. (C) COMPENSATION FOR WIND CONDITIONS - INADEQUATE - PILOT IN COMMAND
  3. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
  4. GROUND LOOP/SWERVE - INADVERTENT - PILOT IN COMMAND
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Occurrence #2: NOSE OVER  
Phase of Operation: LANDING - FLARE/TOUCHDOWN

## Factual Information

On March 30, 1997, at 1345 hours Pacific standard time, a Cessna 180C, N9065N, nosed over following a ground loop during landing on runway 26 at the Camarillo, California, airport. The airplane was operated as a personal flight by the pilot/owner. The airplane was destroyed. The certificated commercial pilot received minor injuries and the passenger was not injured. The local flight originated from Camarillo at 1330. Visual meteorological conditions prevailed at the time.

The pilot reported he encountered a crosswind during the landing touchdown and lost control. The wind lifted the airplane's left wing until the right wing tip dragged on the ground. The airplane then nosed over damaging the vertical stabilizer, fuselage, and wings.

The pilot estimated the crosswind velocity to be 20 to 25 knots at the time of the landing. The wind conditions reported by the air traffic control tower were from 200 degrees at 12 knots. Fire and rescue personnel dispatched to the runway reported crosswinds from 200 degrees at 15 to 20 knots.

The pilot indicated on his report that there were no mechanical failures or malfunctions with the airplane before the accident.

### Pilot Information

<b>Certificate:</b>	Commercial	<b>Age:</b>	72, 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--no waivers/lim.	<b>Last FAA Medical Exam:</b>	February 20, 1997
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	1650 hours (Total, all aircraft), 50 hours (Total, this make and model), 16 hours (Last 90 days, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Cessna	<b>Registration:</b>	N9065N
<b>Model/Series:</b>	180C 180C	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	50717
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	4
<b>Date/Type of Last Inspection:</b>	February 15, 1997 Annual	<b>Certified Max Gross Wt.:</b>	2650 lbs
<b>Time Since Last Inspection:</b>	11 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	3130 Hrs	<b>Engine Manufacturer:</b>	Continental
<b>ELT:</b>		<b>Engine Model/Series:</b>	O-470
<b>Registered Owner:</b>	TSCHANNEL, FRANK	<b>Rated Power:</b>	235 Horsepower
<b>Operator:</b>		<b>Operating Certificate(s) Held:</b>	None
<b>Operator Does Business As:</b>		<b>Operator Designator Code:</b>	

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	CMA ,72 ft msl	<b>Distance from Accident Site:</b>	
<b>Observation Time:</b>	13:48 Local	<b>Direction from Accident Site:</b>	
<b>Lowest Cloud Condition:</b>	Clear	<b>Visibility</b>	7 miles
<b>Lowest Ceiling:</b>	Overcast / 3800 ft AGL	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	12 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	200°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	30 inches Hg	<b>Temperature/Dew Point:</b>	18°C / 11°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	(CMA )	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>		<b>Type of Clearance:</b>	VFR
<b>Departure Time:</b>	13:20 Local	<b>Type of Airspace:</b>	Class D

## Airport Information

<b>Airport:</b>	CAMARILLO AIRPORT CMA	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	75 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	26	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	6010 ft / 150 ft	<b>VFR Approach/Landing:</b>	Full stop

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 Minor	<b>Aircraft Damage:</b>	Destroyed
<b>Passenger Injuries:</b>	1 None	<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>	34.229419,-119.069793(est)

## Administrative Information

**Investigator In Charge (IIC):** Wilcox, Thomas  
**Additional Participating Persons:** THOMAS A MANGUM; VAN NUYS , CA

**Original Publish Date:** October 14, 1997

**Last Revision Date:**

**Investigation Class:** [Class](#)

**Note:**

**Investigation Docket:** <https://data.ntsb.gov/Docket?ProjectID=29754>

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