



# Aviation Investigation Final Report

<b>Location:</b>	MODESTO, California	<b>Accident Number:</b>	LAX88LA019
<b>Date &amp; Time:</b>	October 19, 1987, 16:22 Local	<b>Registration:</b>	N4372N
<b>Aircraft:</b>	CESSNA 195A	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	2 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

THE PILOT STATED THAT DURING THE END OF THE LANDING ROLL ON RUNWAY 28L, THE AIRCRAFT STARTED TURNING TO THE RIGHT AND HE COULD NOT CORRECT IT AND THE AIRCRAFT GROUND LOOPED. THERE WERE NO MECHANICAL PROBLEMS REPORTED PRIOR TO THE ACCIDENT. THE PILOT REPORTED THAT THE WINDS WERE FROM 300 DEGREES AT 5 KNOTS. THE AIRPORT WEATHER OBSERVATION FACILITY REPORTED THAT 33 MINUTES AFTER THE ACCIDENT, THE WINDS WERE FROM 340 DEGREES AT 8 KNOTS.

## Probable Cause and Findings

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

### Findings

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

#### Findings

1. (F) WEATHER CONDITION - CROSSWIND
  2. (C) GROUND LOOP/SWERVE - UNCONTROLLED - PILOT IN COMMAND
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Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER  
Phase of Operation: LANDING - ROLL

## Factual Information

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	53, 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>	Yes
<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>	May 1, 1987
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	1365 hours (Total, all aircraft), 800 hours (Total, this make and model), 1114 hours (Pilot In Command, all aircraft), 60 hours (Last 90 days, all aircraft), 30 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	CESSNA	<b>Registration:</b>	N4372N
<b>Model/Series:</b>	195A 195A	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	7034
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	5
<b>Date/Type of Last Inspection:</b>	May 1, 1987 100 hour	<b>Certified Max Gross Wt.:</b>	3300 lbs
<b>Time Since Last Inspection:</b>	61 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	2266 Hrs	<b>Engine Manufacturer:</b>	JACOBS
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	R-755-9A
<b>Registered Owner:</b>	DONALD F. MONACO	<b>Rated Power:</b>	275 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>	MOD ,97 ft msl	<b>Distance from Accident Site:</b>	
<b>Observation Time:</b>	16:55 Local	<b>Direction from Accident Site:</b>	
<b>Lowest Cloud Condition:</b>	Clear	<b>Visibility</b>	15 miles
<b>Lowest Ceiling:</b>	None	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	8 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	340°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	29 inches Hg	<b>Temperature/Dew Point:</b>	27°C / 7°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>		<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>		<b>Type of Clearance:</b>	VFR
<b>Departure Time:</b>	16:15 Local	<b>Type of Airspace:</b>	

## Airport Information

<b>Airport:</b>	MODESTO MOD	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	97 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	28L	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	3459 ft / 150 ft	<b>VFR Approach/Landing:</b>	Traffic pattern

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<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>	2 None	<b>Latitude, Longitude:</b>	

## Administrative Information

**Investigator In Charge (IIC):** Leighton, Russell

**Additional Participating Persons:** GREG SCHMIDT; FRESNO , CA

**Original Publish Date:** October 6, 1988

**Last Revision Date:**

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

**Note:**

**Investigation Docket:** <https://data.nts.gov/Docket?ProjectID=25888>

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