



# Aviation Investigation Final Report

<b>Location:</b>	COOLIDGE, Arizona	<b>Accident Number:</b>	LAX86LA192
<b>Date &amp; Time:</b>	April 26, 1986, 15:00 Local	<b>Registration:</b>	N7280Y
<b>Aircraft:</b>	PIPER PA-30	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

THE PLT SHUT DOWN THE ACFT ENG WHEN IT SURGED DURING AN ENCOUNTER WITH TURBULENCE. THE PLT INITIATED A PRECAUTIONARY DOWNWIND LANDING ON A NEARBY AIRSTRIP AND THE ACFT OVERRAN THE RWY AND COLLIDED WITH A FENCE.

## Probable Cause and Findings

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

### Findings

Occurrence #1: LOSS OF ENGINE POWER(TOTAL) - NONMECHANICAL  
Phase of Operation: CRUISE - NORMAL

#### Findings

1. (F) WEATHER CONDITION - TURBULENCE,CLEAR AIR
  2. (F) PROPELLER FEATHERING - PERFORMED - PILOT IN COMMAND
  3. (F) ENGINE ASSEMBLY - ERRATIC
  4. (F) FLUID,FUEL - ERRATIC
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Occurrence #2: OVERRUN  
Phase of Operation: LANDING - FLARE/TOUCHDOWN

#### Findings

5. (F) IN-FLIGHT PLANNING/DECISION - POOR - PILOT IN COMMAND
6. PRECAUTIONARY LANDING - PERFORMED - PILOT IN COMMAND
7. (F) WEATHER CONDITION - TAILWIND
8. (C) WRONG RUNWAY - SELECTED - PILOT IN COMMAND
9. (C) PROPER TOUCHDOWN POINT - EXCEEDED - PILOT IN COMMAND

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Occurrence #3: ON GROUND/WATER COLLISION WITH OBJECT  
Phase of Operation: LANDING - ROLL

Findings

10. (C) OBJECT - FENCE

## Factual Information

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	60, Male
<b>Airplane Rating(s):</b>	Single-engine land; Multi-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>	February 6, 1985
<b>Occupational Pilot:</b>	UNK	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	1366 hours (Total, all aircraft), 173 hours (Total, this make and model), 21 hours (Last 90 days, all aircraft), 17 hours (Last 30 days, all aircraft), 4 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	PIPER	<b>Registration:</b>	N7280Y
<b>Model/Series:</b>	PA-30 PA-30	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	30-318
<b>Landing Gear Type:</b>	Retractable - Tricycle	<b>Seats:</b>	
<b>Date/Type of Last Inspection:</b>	March 28, 1986 Annual	<b>Certified Max Gross Wt.:</b>	3600 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	2 Reciprocating
<b>Airframe Total Time:</b>	4250 Hrs	<b>Engine Manufacturer:</b>	LYCOMING
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	IO-320-B1A
<b>Registered Owner:</b>	GEORGE R. LAGOMARSINO	<b>Rated Power:</b>	
<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>	PHX	<b>Distance from Accident Site:</b>	40 Nautical Miles
<b>Observation Time:</b>	14:56 Local	<b>Direction from Accident Site:</b>	300°
<b>Lowest Cloud Condition:</b>	Clear	<b>Visibility</b>	25 miles
<b>Lowest Ceiling:</b>	None	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	12 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	230°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	29 inches Hg	<b>Temperature/Dew Point:</b>	29°C / -3°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	FT. STOCKTON , TX (FST)	<b>Type of Flight Plan Filed:</b>	VFR
<b>Destination:</b>	PHOENIX , AZ (PHX)	<b>Type of Clearance:</b>	VFR
<b>Departure Time:</b>	10:30 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>	AG STRIP	<b>Runway Surface Type:</b>	Dirt
<b>Airport Elevation:</b>	1465 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	0	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>		<b>VFR Approach/Landing:</b>	Full stop;Precautionary landing;Straight-in

## Wreckage and Impact Information

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

## Administrative Information

**Investigator In Charge (IIC):** Wall, J

**Additional Participating Persons:** WILLIAM AZANUS; SCOTTSDALE , AZ

**Original Publish Date:**

**Last Revision Date:**

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

**Note:**

**Investigation Docket:** <https://data.nts.gov/Docket?ProjectID=25135>

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