



Aviation Investigation Final Report

Location:	PHOENIX, Arizona	Accident Number:	LAX91LA199
Date & Time:	May 6, 1991, 00:18 Local	Registration:	N4996D
Aircraft:	CESSNA 182	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

THE PILOT CONTACTED PHX APPROACH CONTROL AND REQUESTED AND RECEIVED RADAR ADVISORIES TO DEER VALLEY AIRPORT (DVT). WHEN THE FLIGHT WAS ABOUT 7 MILES WEST OF DVT RADAR ADVISORIES WERE TERMINATED. MOMENTS LATER THE PILOT REPORTED THAT THE COCKPIT WAS FILLED WITH SMOKE AND HE WAS GOING TO LAND ON A ROAD. EXAMINATION OF THE ENGINE DISCLOSED THAT THE NO. 4 CONNECTING ROD FAILED DUE TO LACK OF LUBRICATION. THE INTACT ENGINE OIL SUMP DID NOT CONTAIN ANY OIL NOR WAS THERE EVIDENCE OF OIL STAINS ON THE AIRPLANE'S FUSELAGE OR WINGS.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THAT THE PILOT FAILED TO PROPERLY PREFLIGHT THE AIRPLANE TO ASSURE THE ENGINE CONTAINED AN ADEQUATE OIL SUPPLY. CONTRIBUTING TO THIS ACCIDENT WAS TOTAL FAILURE OF THE CONNECTING ROD DUE TO LACK OF LUBRICATION.

Findings

Occurrence #1: LOSS OF ENGINE POWER(TOTAL) - MECH FAILURE/MALF
Phase of Operation: DESCENT - NORMAL

Findings

1. (F) FLUID,OIL - EXHAUSTION

- 2. (F) ENGINE ASSEMBLY,CONNECTING ROD - FAILURE,TOTAL
 - 3. (C) AIRCRAFT PREFLIGHT - IMPROPER - PILOT IN COMMAND
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Occurrence #2: FORCED LANDING
Phase of Operation: DESCENT - EMERGENCY

Occurrence #3: HARD LANDING
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

- 4. TERRAIN CONDITION - RESIDENTIAL AREA

Factual Information

Pilot Information

Certificate:	Commercial	Age:	40,Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Unknown
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):		Toxicology Performed:	No
Medical Certification:	Class 2 Valid Medical-w/ waivers/lim	Last FAA Medical Exam:	April 23, 1991
Occupational Pilot:	UNK	Last Flight Review or Equivalent:	
Flight Time:	500 hours (Total, all aircraft), 10 hours (Total, this make and model), 500 hours (Pilot In Command, all aircraft), 30 hours (Last 90 days, all aircraft), 30 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N4996D
Model/Series:	182 182	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:		Serial Number:	51096
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	December 6, 1990 Annual	Certified Max Gross Wt.:	2650 lbs
Time Since Last Inspection:	206 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	2752 Hrs	Engine Manufacturer:	CONTINENTAL
ELT:	Installed, activated	Engine Model/Series:	O-470-L
Registered Owner:	EMMET B. NUTTER	Rated Power:	230 Horsepower
Operator:	EMMET B. NUTTER	Operating Certificate(s) Held:	None
Operator Does Business As:		Operator Designator Code:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Night/bright
Observation Facility, Elevation:	PHX ,1500 ft msl	Distance from Accident Site:	1 Nautical Miles
Observation Time:	00:01 Local	Direction from Accident Site:	1°
Lowest Cloud Condition:	Scattered / 25000 ft AGL	Visibility	35 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	3 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	300°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	25°C / -3°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	LANCASTER (WJF)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	14:00 Local	Type of Airspace:	

Airport Information

Airport:		Runway Surface Type:	
Airport Elevation:		Runway Surface Condition:	
Runway Used:	0	IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	Forced landing

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:	33.679561,-112.089256(est)

Administrative Information

Investigator In Charge (IIC): Llorente, A.

Additional Participating Persons: MIKE BROWN; SCOTTSDALE , AZ

Original Publish Date: May 27, 1993

Last Revision Date:

Investigation Class: [Class](#)

Note:

Investigation Docket: <https://data.nts.gov/Docket?ProjectID=27195>

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