



National Transportation Safety Board Aviation Accident Data Summary

Location:	TONTO BASIN, CA	Accident Number:	LAX91LA048
Date & Time:	12/02/1990, 1640 MST	Registration:	N8655Z
Aircraft:	CESSNA T-206	Injuries:	3 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

WHILE FLYING A 9,500 FT MSL THE PILOT, ALSO THE REGISTERED OWNER, OBSERVED AN INCREASE IN OIL TEMPERATURE FOLLOWED BY A DECREASE IN OIL PRESSURE. MOMENTS LATER OIL SMOKE EMANATED FROM THE ENGINE COMPARTMENT FOLLOWED BY A TOTAL LOSS OF ENGINE POWER. THE SUN BLINDED THE PILOT WHILE ON APPROACH TO A DIRT STRIP AND WHEN HE WAS ABLE TO SEE THE DIRT STRIP THE AIRPLANE'S ALTITUDE WAS INSUFFICIENT TO NEGOTIATE A LANDING ON THE STRIP. THE PLT ELECTED TO LAND IN AN ADJACENT OPEN AREA. DURING THE LANDING ROLL-OUT THE AIRPLANE'S LEFT WING STRUCK A BARN. ENGINE EXAM DSCLSD THE NO. 3 CONNECTING ROD FAILED AND ITS ASSOCIATED BEARING EXHIBITED EXTREME HIGH TEMP DISTRESS. DURING THE LAST ANNUAL INSP THE OIL ANALYSIS SHOWED HIGH CONCERTRATION OF IRON AND STEEL.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE FAILURE OF A CONNECTING ROD IN THE ENGINE.

Findings

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

Findings

1. SINGLE ENGINE AIRCRAFT
2. (C) ENGINE ASSEMBLY,CONNECTING ROD BOLT - FAILURE,TOTAL
3. (F) FLUID,OIL - STARVATION

Occurrence #2: FORCED LANDING
Phase of Operation: DESCENT - EMERGENCY

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

Findings

4. OBJECT - BUILDING(NONRESIDENTIAL)

Pilot Information

Certificate:	Private	Age:	45
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	650 hours (Total, all aircraft), 330 hours (Total, this make and model), 650 hours (Pilot In Command, all aircraft), 25 hours (Last 90 days, all aircraft), 8 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N8655Z
Model/Series:	T-206 T-206	Engines:	1 Reciprocating
Operator:	PAGANI, RONALD	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	TSIO-520-C
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Weather Information Source:	Pilot
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	Calm / ,
Temperature:	-18° C	Visibility	0 Miles
Precipitation and Obscuration:			
Departure Point:	PHOENIX, AZ (PHX)	Destination:	SHOW LOW, AZ (SOW)

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	2 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC):	A.D. LLORENTE	Adopted Date:	12/30/1992
Investigation Docket:	NTSB accident and incident dockets serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at pubin@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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