



National Transportation Safety Board

Aviation Incident Data Summary

Location:	LA VETA, CO	Incident Number:	DEN92IA013
Date & Time:	12/01/1991, 1256 MST	Registration:	N6179N
Aircraft:	CESSNA T210M	Injuries:	3 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

SHORTLY AFTER TAKEOFF, THE PILOT HEARD A 'CLUNK' AND LOST MANIFOLD PRESSURE. HE REVERSED COURSE BACK TO THE AIRPORT BUT WAS FORCED TO LAND ON A SNOW COVERED HIGHWAY. HE ELECTED TO LAND WHEELS UP. ENGINE DISASSEMBLY DISCLOSED THE NO. 1 CONNECTING ROD HAD BROKEN AT THE CRANKSHAFT END. ADDITIONALLY, THE OIL JOURNAL WAS COMPLETELY BLOCKED WITH BABBET. THERE WAS EVIDENCE OF LACK OF LUBRICATION AND HIGH HEAT DISTRESS THROUGHOUT THE ENGINE.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this incident to be: FAILURE OF THE NO 1 CONNECTING ROD DUE TO LACK OF LUBRICATION FROM BLOCKED OIL PORTS.

Findings

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

Findings

1. (C) ENGINE ASSEMBLY,CONNECTING ROD - FAILURE,TOTAL
2. REASON FOR OCCURRENCE UNDETERMINED
3. (C) LUBRICATING SYSTEM,OIL PORT/PASSAGE,INTERNAL - BLOCKED(TOTAL)

Occurrence #2: FORCED LANDING

Phase of Operation: DESCENT - EMERGENCY

Occurrence #3: GEAR NOT EXTENDED

Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

4. TERRAIN CONDITION - ROADWAY/HIGHWAY
5. WHEELS UP LANDING - INTENTIONAL - PILOT IN COMMAND
6. TERRAIN CONDITION - SNOW COVERED

Pilot Information

Certificate:	Private	Age:	38
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	700 hours (Total, all aircraft), 350 hours (Total, this make and model), 556 hours (Pilot In Command, all aircraft), 36 hours (Last 90 days, all aircraft), 14 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N6179N
Model/Series:	T210M T210M	Engines:	1 Reciprocating
Operator:	THOMAS R. WHITE	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	TSIO-520-R
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:	Witness
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	6 knots / , 60°
Temperature:	-4° C	Visibility	20 Miles
Precipitation and Obscuration:			
Departure Point:	LA VETA, CO (07V)	Destination:	MONTROSE, CO (MTJ)

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	ARNOLD W SCOTT	Adopted Date:	05/05/1993
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 pubinq@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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