



National Transportation Safety Board Aviation Accident Data Summary

Location:	BURNS, OR	Accident Number:	SEA91LA029
Date & Time:	12/02/1990, 1120 PST	Registration:	N4005D
Aircraft:	CESSNA 182A	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

WHILE CRUISING BETWEEN CLOUD LAYERS THE PILOT NOTICED THE AIRSPEED WAS LOW AND APPLIED THE CARBURETOR HEAT. THE ENGINE DID NOT CHANGE FOR A FEW MINUTES AND THEN QUIT. THE PILOT WAS UNABLE TO GET THE ENGINE TO CONTINUE TO RUN AND MADE A FORCED LANDING WHICH DAMAGED THE AIRCRAFT. SURFACE TEMPERATURE AT THE TIME WAS REPORTED TO BE 30 DEGREES WITH A DEW POINT OF 21 DEGREES.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE FORMATION OF CARBURETOR ICE WHEN THE PILOT DELAYED THE USE OF CARBURETOR HEAT.

Findings

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

Findings

1. WEATHER CONDITION - CARBURETOR ICING CONDITIONS
2. (C) CARBURETOR HEAT - DELAYED - PILOT IN COMMAND

Occurrence #2: FORCED LANDING

Phase of Operation: DESCENT - EMERGENCY

Occurrence #3: GEAR COLLAPSED

Phase of Operation: LANDING - ROLL

Findings

3. (F) TERRAIN CONDITION - ROUGH/UNEVEN

Pilot Information

Certificate:	Commercial	Age:	52
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	
Flight Time:	1956 hours (Total, all aircraft), 31 hours (Total, this make and model), 1853 hours (Pilot In Command, all aircraft), 54 hours (Last 90 days, all aircraft), 21 hours (Last 30 days, all aircraft), 4 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N4005D
Model/Series:	182A 182A	Engines:	1 Reciprocating
Operator:	WINNEMUCCA AIR SERVICES	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	O-470L
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:	Broken / 2000 ft agl	Wind Speed/Gusts, Direction:	9 knots / , 270°
Temperature:	-1 °C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	(BNO)	Destination:	SPOKANE, WA (GEG)

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	R K MCGUIRE	Adopted Date:	11/09/1992
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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