



National Transportation Safety Board Aviation Accident Data Summary

Location:	KOTZEBUE, AK	Accident Number:	ANC91LA044
Date & Time:	04/01/1991, 1430 AST	Registration:	N1376H
Aircraft:	AERONCA 15AC	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

WHILE IN CRUISE FLIGHT, THE ENGINE QUIT. DURING THE EMERGENCY LANDING ON THE TUNDRA, THE AIRPLANE NOSED OVER ONTO ITS BACK. EXAMINATION OF THE FUEL SYSTEM REVEALED WATER WAS FOUND IN BOTH FUEL LINES AND FUEL TANKS.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:
FUEL CONTAMINATION (WATER) IN BOTH FUEL TANKS AND FUEL LINES.

Findings

Occurrence #1: LOSS OF ENGINE POWER(TOTAL) - NONMECHANICAL

Phase of Operation: CRUISE

Findings

1. (C) FUEL SYSTEM,LINE - CONTAMINATION
2. (C) AIRCRAFT PREFLIGHT - INADEQUATE - PILOT IN COMMAND
3. (C) FUEL SYSTEM,TANK - CONTAMINATION
4. (C) FUEL SYSTEM,LINE - WATER

Occurrence #2: FORCED LANDING

Phase of Operation: DESCENT - EMERGENCY

Occurrence #3: NOSE OVER

Phase of Operation: LANDING - ROLL

Findings

5. (C) TERRAIN CONDITION - SNOW COVERED
6. (C) TERRAIN CONDITION - ROUGH/UNEVEN

Pilot Information

Certificate:	Private	Age:	54
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	715 hours (Total, all aircraft), 210 hours (Total, this make and model), 3 hours (Last 90 days, all aircraft), 3 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	AERONCA	Registration:	N1376H
Model/Series:	15AC 15AC	Engines:	1 Reciprocating
Operator:	LARRY VILLERS	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	C-142-2
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:	15 knots / , 80°
Temperature:	-26 °C	Visibility	50 Miles
Precipitation and Obscuration:			
Departure Point:		Destination:	

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	James Michelangelo	Adopted Date:	05/07/1993
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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