



National Transportation Safety Board Aviation Accident Data Summary

Location:	WILLOW, AK	Accident Number:	ANC01LA141
Date & Time:	09/01/2001, 1530 AKD	Registration:	N24KJ
Aircraft:	JACOBS KE-1-A	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The private certificated pilot departed on a personal cross-country flight in a float-equipped experimental/homebuilt airplane. The airplane was one of two airplanes headed for a remote lake. The pilot said that during cruise flight about 2,300 feet msl, the engine lost power, decreasing from 2,350 to about 1,500 RPM. She activated the engine boost pump, and the engine RPM increased, but then decreased again. The pilot said she made several attempts to regain engine RPM by the use of the boost pump and engine throttle, but the engine quit. The pilot selected a small lake for an emergency landing, but the airplane touched down in an area of soft, swampy terrain, about 50 yards short of the lake. During the landing roll, the left wing collided with a tree, sustaining damage to the wing spar.

During repairs of the airplane, the operator reported that no mechanical malfunction was found.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: A loss of engine power during cruise flight for an undertermined reason.

Findings

Occurrence #1: LOSS OF ENGINE POWER

Phase of Operation: CRUISE

Findings

1. (C) REASON FOR OCCURRENCE UNDETERMINED

Occurrence #2: FORCED LANDING

Phase of Operation: EMERGENCY DESCENT/LANDING

Occurrence #3: ON GROUND/WATER COLLISION WITH OBJECT

Phase of Operation: EMERGENCY DESCENT/LANDING

Findings

2. OBJECT - TREE(S)

Pilot Information

Certificate:	Private	Age:	47
Airplane Rating(s):	Single-engine Land; Single-engine Sea	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	495 hours (Total, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	JACOBS	Registration:	N24KJ
Model/Series:	KE-1-A	Engines:	1 Reciprocating
Operator:	VALERIE A. VAN BROCKLIN	Engine Manufacturer:	Continental
Operating Certificate(s) Held:	None	Engine Model/Series:	IO-346
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:		Weather Information Source:	Pilot
Lowest Ceiling:	Overcast / 6000 ft agl	Wind Speed/Gusts, Direction:	Calm / ,
Temperature:	16° C	Visibility	30 Miles
Precipitation and Obscuration:			
Departure Point:	ANCHORAGE, AK (PALH)	Destination:	STEPHAN LAKE, AK

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:	61.808333, -149.966667		

Administrative Information

Investigator In Charge (IIC):	SCOTT ERICKSON	Adopted Date:	06/03/2002
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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