



National Transportation Safety Board Aviation Accident Data Summary

Location:	MANILA, UT	Accident Number:	SEA94LA046
Date & Time:	01/02/1994, 1500 MST	Registration:	N4244A
Aircraft:	AERONCA 7BCM	Injuries:	1 Minor
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PILOT WAS ATTEMPTING A TAKEOFF FROM AN 800 FOOT LONG OPEN FIELD WHEN HE ENCOUNTERED A GUSTING QUARTERING TAILWIND. THE AIRCRAFT LOST AIRSPEED, AND ITS RATE OF CLIMB DECREASED JUST AFTER LIFT OFF. THIS RESULTED IN THE AIRCRAFT IMPACTING A TREE THAT WAS JUST OFF THE DEPARTURE END OF THE FIELD.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT'S FAILURE TO MAINTAIN CLEARANCE. FACTORS INCLUDE A TAILWIND, GUSTS, AND A TREE JUST OFF THE DEPARTURE END OF THE FIELD USED FOR TAKEOFF.

Findings

Occurrence #1: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: TAKEOFF

Findings

1. (C) CLEARANCE - NOT MAINTAINED - PILOT IN COMMAND
2. (F) WEATHER CONDITION - TAILWIND
3. (F) WEATHER CONDITION - GUSTS
4. (F) OBJECT - TREE(S)

Pilot Information

Certificate:	Private	Age:	32
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	876 hours (Total, all aircraft), 625 hours (Total, this make and model), 824 hours (Pilot In Command, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	AERONCA	Registration:	N4244A
Model/Series:	7BCM 7BCM	Engines:	1 Reciprocating
Operator:	NUNN, MARVIN T.	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	C-90-12
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:	5 knots / 10 knots, Variable
Temperature:	-4° C	Visibility	20 Miles
Precipitation and Obscuration:			
Departure Point:		Destination:	ROCK SPRINGS, WY (RKS)

Wreckage and Impact Information

Crew Injuries:	1 Minor	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):	ORRIN K ANDERSON,	Adopted Date:	12/02/1994
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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