



National Transportation Safety Board Aviation Accident Data Summary

Location:	ELIZA ISLAND, WA	Accident Number:	SEA89FA001
Date & Time:	10/01/1988, 1840 PDT	Registration:	N6314F
Aircraft:	Cessna Robertson 337A	Injuries:	3 Fatal
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THIS CESSNA/ROBERTSON 337 WAS DEPARTING FROM A 1600 FOOT GRASS STRIP IN VFR CONDITIONS. THERE WERE GUSTING HEAD WINDS ESTIMATED AT 15 KNOTS. AT THE MIDPOINT OF THE RUNWAY THE AIRCRAFT MADE A STEEP CLIMBING LEFT TURN, STALLING AFTER ABOUT 180 DEGREES OF TURN. THE ACFT NOSE DROPPED AND THE ACFT DESCENDED VERTICALLY TO THE GROUND. WITNESSES ESTIMATED THE MAX HEIGHT GAINED WAS FROM 100-250 FT AGL. THEY DESCRIBED THE ENG NOISE AS LOUD AND CONSTANT FROM TAKEOFF UNTIL THE CRASH. THE ACFT CAME TO REST ABOUT 400 FT WEST OF THE RWY MIDPOINT IN LEVEL TERRAIN.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. (C) PROPER CLIMB RATE - NOT MAINTAINED - PILOT IN COMMAND
2. (C) FLIGHT CONTROLS - IMPROPER USE OF - PILOT IN COMMAND
3. (C) MANEUVER - IMPROPER - PILOT IN COMMAND
4. (C) AIRSPEED - INADEQUATE - PILOT IN COMMAND
5. (C) STALL

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: DESCENT - UNCONTROLLED

Pilot Information

Certificate:	Private	Age:	42
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	591 hours (Total, all aircraft), 366 hours (Total, this make and model), 511 hours (Pilot In Command, all aircraft), 11 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna Robertson	Registration:	N6314F
Model/Series:	337A 337A	Engines:	2 Reciprocating
Operator:	EDWIN L. BOND	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	IO-360-C
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:	15 knots / , 10°
Temperature:	18°C	Visibility	8 Miles
Precipitation and Obscuration:			
Departure Point:		Destination:	SEATTLE, WA (BFI)

Airport Information

Airport:	ELIZA	Runway Surface Type:	Grass/turf
Runway Used:	35	Runway Surface Condition:	Dry
Runway Length/Width:	1600 ft		

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC): R K MCGUIRE Adopted Date: 09/25/1989

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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