



National Transportation Safety Board Aviation Accident Data Summary

Location:	KETCHIKAN, AK	Accident Number:	SEA88LA043
Date & Time:	02/01/1988, 1329 AST	Registration:	N3689D
Aircraft:	BEECH 58P	Injuries:	2 Fatal
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

ACFT COLLIDED WITH TREES 1400 FT SHORT OF RWY DURING ILS APPROACH. THE ACFT WAS LEFT OF CENTERLINE AND ABOUT 100 FT BELOW GLIDESLOPE AT THAT TIME. WITNESSES HEARD SOUNDS OF INCREASED POWER AND IMPACT. WHEN THE APPROACH CLEARANCE WAS GIVEN THE WX WAS 1000 FT CEILING, 2 MILES VISIBILITY IN FOG AND LIGHT SNOW. DURING THE APPROACH A SPECIAL WX OBSERVATION WAS RADIOED TO THE PLT CHANGING THE CEILING TO 800 FT BROKEN WITH WINDS CALM. THE PLT HAD FILED A FLT PLAN WITH TIME ENROUTE OF 3.5 HRS WITH 5 HRS OF FUEL ABOARD THE ACFT. THE ACTUAL TIME ENROUTE WAS OVER 4 HRS. THE ALTERNATE WAS 80 MILES FROM DESTINATION IN THE SAME GENERAL WX PATTERN. POST ACC INVEST SHOWED NO EVIDENCE OF ANY PRE-IMPACT FAILURES OR MALFUNCTIONS IN ACFT AIRFRAME, POWERPLANTS OR SYSTEMS.

Probable Cause

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

Findings

Occurrence #1: IN FLIGHT COLLISION WITH OBJECT

Phase of Operation: APPROACH - FAF/OUTER MARKER TO THRESHOLD (IFR)

Findings

1. (F) OBJECT - TREE(S)
2. (C) PROPER GLIDEPATH - NOT MAINTAINED - PILOT IN COMMAND
3. (F) WEATHER CONDITION - FOG
4. (F) WEATHER CONDITION - SNOW

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER

Phase of Operation: DESCENT - UNCONTROLLED

Pilot Information

Certificate:	Private	Age:	43
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	843 hours (Total, all aircraft), 303 hours (Total, this make and model), 726 hours (Pilot In Command, all aircraft), 14 hours (Last 90 days, all aircraft), 10 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	BEECH	Registration:	N3689D
Model/Series:	58P 58P	Engines:	2 Reciprocating
Operator:	DAVIS CONST & ENGINEERING	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	TSIO-520
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Instrument Conditions	Condition of Light:	Day
Observation Facility, Elevation:	KTN, 88 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Broken / 800 ft agl	Wind Speed/Gusts, Direction:	Calm / ,
Temperature:	-1 °C	Visibility	2 Miles
Precipitation and Obscuration:			
Departure Point:	SEATTLE, WA (BFI)	Destination:	

Airport Information

Airport:	KETCHIKAN (KTN)	Runway Surface Type:	Asphalt
Runway Used:	11	Runway Surface Condition:	Snow--dry
Runway Length/Width:	7497 ft / 150 ft		

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC): H. D DAILY Adopted Date: 03/30/1989

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/>.

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

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