



National Transportation Safety Board Aviation Accident Data Summary

Location:	ELKO, NV	Accident Number:	SEA89FA015
Date & Time:	11/02/1988, 1453 PST	Registration:	N9AG
Aircraft:	BEECH 65	Injuries:	2 Fatal
Flight Conducted Under:	Part 91: General Aviation - Positioning		

Analysis

APPROX 10 MIN AFTER T/O, THE PILOT STATED HE WAS RETURNING TO LAND DUE TO A PROBLEM. ON FINAL THE ACFT ROLLED INVERTED AND DESCENDED NOSE DOWN INTO A RESIDENCE. ENGINE EXAM REVEALED A FAILED SUPERCHARGER INTERMEDIATE DRIVE SHAFT GEAR RESULTING IN LOSS OF SUPERCHARGER ON THE RT ENGINE. THE ACFT WAS APPROX 300 LBS OVER MAX GROSS WEIGHT. THE LNDG GEAR WAS DOWN AND THE FLAPS WERE EXTENDED APPROX 20 DEGREES. THE LEFT THROTTLE WAS FOUND IN THE FULL FORWARD (HIGH POWER) POSITION. THE RT PROP CONTROL WAS IN FULL DECREASE RPM, HIGH PITCH AND THE RT ENG MAG SWITCHES WERE OFF. WITNESSES HAD OBSERVED THE ACFT DESCEND TO BELOW TRAFFIC PATTERN ALT. AT APPROX 200 FT AGL A LOUD ENG NOISE WAS HEARD AND THE SLOW FLYING ACFT PITCHED UP, ROLLED RT AND DESCENDED VERTICALLY ABOUT 1/2 MILE FROM THE ARPT. THE PLT HAD NOT DECLARED AN EMERGENCY OR DEFINED HIS PROBLEM. THE PLT'S LAST RECORDED FLT IN THE BE-65 WAS IN FEB 1988. THERE WAS NO RECORD OF A CHECK-OUT OR FLIGHT TRAINING IN THE ACFT.

Probable Cause

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

Findings

Occurrence #1: LOSS OF ENGINE POWER(PARTIAL) - MECH FAILURE/MALF
Phase of Operation: CLIMB - TO CRUISE

Findings

1. (F) ACCESSORY DRIVE ASSY,DRIVE GEAR - WORN
2. (F) EXHAUST SYSTEM,TURBOCHARGER - FAILURE,TOTAL

Occurrence #2: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: APPROACH - VFR PATTERN - FINAL APPROACH

Findings

3. (F) WEATHER CONDITION - GUSTS
4. (C) IN-FLIGHT PLANNING/DECISION - INADEQUATE - PILOT IN COMMAND
5. (C) AIRSPEED(VMC) - NOT MAINTAINED - PILOT IN COMMAND
6. (F) INADEQUATE TRAINING(EMERGENCY PROCEDURE(S)) - PILOT IN COMMAND
7. (F) LACK OF RECENT EXPERIENCE IN TYPE OF AIRCRAFT - PILOT IN COMMAND
8. (F) AIRCRAFT WEIGHT AND BALANCE - EXCEEDED - COMPANY/OPERATOR MANAGEMENT

Occurrence #3: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: DESCENT - UNCONTROLLED

Findings
9. OBJECT - RESIDENCE

Pilot Information

Certificate:	Commercial	Age:	33
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	884 hours (Total, all aircraft), 103 hours (Total, this make and model), 748 hours (Pilot In Command, all aircraft), 21 hours (Last 90 days, all aircraft), 5 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	BEECH	Registration:	N9AG
Model/Series:	65 65	Engines:	2 Reciprocating
Operator:	AIRBORNE GEOPHYSICS	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	IGSO-480-A1A6
Flight Conducted Under:	Part 91: General Aviation - Positioning		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	EKO, 5135 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Overcast / 7000 ft agl	Wind Speed/Gusts, Direction:	15 knots / 25 knots, 260°
Temperature:	14°C	Visibility	30 Miles
Precipitation and Obscuration:			
Departure Point:	ELKO, NV (EKO)	Destination:	FARMINGTON, NM (FMN)

Airport Information

Airport:	ELKO (EKO)	Runway Surface Type:	
Runway Used:	23	Runway Surface Condition:	
Runway Length/Width:	6400 ft / 150 ft		

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	PRENTISS E MANGUM	Adopted Date:	03/04/1992
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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