



National Transportation Safety Board Aviation Accident Data Summary

Location:	SCOTTSDALE, AZ	Accident Number:	LAX88LA207
Date & Time:	06/01/1988, 0800 MST	Registration:	N9896R
Aircraft:	BEECH M35	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

DURING THE CLIMB OUT THE ENGINE EXPERIENCED A LOSS OF POWER. A FORCED LANDING WAS MADE WHERE DURING THE LANDING ROLL THE AIRPLANE COLLIDED WITH THE TERRAIN. INSPECTION OF THE ENGINE REVEALED THAT THE NUMBER TWO CONNECTING ROD BROKE.

Probable Cause

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

Findings

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

Findings

1. (C) ENGINE ASSEMBLY,CONNECTING ROD - FRACTURED

Occurrence #2: FORCED LANDING
Phase of Operation: DESCENT - EMERGENCY

Occurrence #3: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: LANDING - ROLL

Findings

2. (F) TERRAIN CONDITION - ROUGH/UNEVEN

Pilot Information

Certificate:	Private	Age:	43
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	235 hours (Total, all aircraft), 17 hours (Total, this make and model), 157 hours (Pilot In Command, all aircraft), 7 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	BEECH	Registration:	N9896R
Model/Series:	M35 M35	Engines:	1 Reciprocating
Operator:	CORNWELL, PAUL D.	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	IO-470-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:	Pilot
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	5 knots / , 340°
Temperature:	19° C	Visibility	15 Miles
Precipitation and Obscuration:			
Departure Point:	PHOENIX, AZ (DVT)	Destination:	DENVER, CO (1W1)

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	DEBRA J ECKROTE	Adopted Date:	07/26/1989
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.

The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report.