

National Transportation Safety Board  
Washington, DC 20594

Brief of Accident

Adopted 09/13/1994

FTW94LA049  
File No. 1723                      12/17/1993                      WESTCLIFFE, CO                      Aircraft Reg No. N5065G                      Time (Local): 12:35 MST

Make/Model:	BELLANCA / 8KCAB	Fatal	0	Serious	0	Minor/None	1
Engine Make/Model:	LYCOMING / AEIO-360-H1A	Crew	0				
Aircraft Damage:	Substantial	Pass	0		0		0
Number of Engines:	1						
Operating Certificate(s):	None						
Type of Flight Operation:	Personal						
Reg. Flight Conducted Under:	Part 91: General Aviation						

Last Depart. Point:	Same as Accident/Incident Location	Condition of Light:	Day
Destination:	FREMONT COUNTY , CO	Weather Info Src:	Pilot
Airport Proximity:	Off Airport/Airstrip	Basic Weather:	Visual Conditions
		Lowest Ceiling:	None
		Visibility:	50.00 SM
		Wind Dir/Speed:	Calm
		Temperature (°C):	-1
		Precip/Obscuration:	None / None

Pilot-in-Command	Age: 66	Flight Time (Hours)
Certificate(s)/Rating(s)		Total All Aircraft: 1585
Private; Single-engine Land; Single-engine Sea		Last 90 Days: 2
Instrument Ratings		Total Make/Model: 10
None		Total Instrument Time: 8

AFTER BEING AIRBORNE FOR APPROXIMATELY 2 MINUTES, THE PILOT NOTICED SMOKE ENTERING THE COCKPIT. THIS WAS FOLLOWED BY SEIZURE OF THE ENGINE. THE PILOT CONDUCTED A FORCED LANDING IN MOUNTAINOUS TERRAIN AND ON TOUCH DOWN, THE AIRCRAFT NOSED OVER. THE NUMBER TWO CORRECTING ROD BEARING FAILED AND THE ROD EXITED THROUGH THE ENGINE CASE.

Brief of Accident (Continued)

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Occurrence #1: LOSS OF ENGINE POWER(TOTAL) - MECH FAILURE/MALF

Phase of Operation: CLIMB

Findings

1. (C) ENGINE ASSEMBLY, BEARING - FAILURE, TOTAL

Occurrence #2: FORCED LANDING

Phase of Operation: DESCENT - EMERGENCY

Occurrence #3: NOSE OVER

Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

2. (F) TERRAIN CONDITION - NONE SUITABLE
3. TERRAIN CONDITION - MOUNTAINOUS/HILLY

Findings Legend: (C) = Cause, (F) = Factor

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The National Transportation Safety Board determines the probable cause(s) of this accident as follows.  
WAS FAILURE OF THE NUMBER TWO CONNECTING ROD BEARING. A FACTOR WAS UNSUITABLE TERRAIN FOR A FORCED LANDING.