



National Transportation Safety Board Aviation Accident Final Report

Location:	BILLINGS, MT	Accident Number:	DEN85FA141
Date & Time:	05/24/1985, 1452 MDT	Registration:	N333AA
Aircraft:	CESSNA 414	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	1 Fatal
Flight Conducted Under:	Part 91: General Aviation - Business		

Analysis

THE PLT WAS MAKING A SHORT (35 MINUTES) LOCAL FLT TO 'CHECK N333AA OVER' BEFORE TURNING IT OVER TO ITS NEW OWNER. THE ACFT COLLIDED WITH THE GROUND IN A STEEP DESCENT, WINGS LEVEL, ATTITUDE DURING AN ENTRY INTO THE TRAFFIC PATTERN AT BILLINGS, MONTANA. VMC PREVAILED AT THE TIME. WITNESSES SAID THE ENGINES WERE OPERATING AND THERE WAS NO APPARENT ATTEMPT BY THE PLT TO AVOID THE CRASH.

Probable Cause and Findings

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

Findings

Occurrence #1: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: APPROACH

Findings

1. (C) ALTITUDE - NOT MAINTAINED - PILOT IN COMMAND
2. (C) INCAPACITATION - PILOT IN COMMAND

Factual Information

Pilot Information

Certificate:	Flight Instructor; Commercial	Age:	69, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	Airplane Multi-engine; Airplane Single-engine	Toxicology Performed:	Yes
Medical Certification:	Class 2 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	03/11/1985
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	19633 hours (Total, all aircraft), 1000 hours (Total, this make and model), 26 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N333AA
Model/Series:	414 414	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	0476
Landing Gear Type:	Retractable - Tricycle	Seats:	7
Date/Type of Last Inspection:	03/15/1985, Annual	Certified Max Gross Wt.:	6350 lbs
Time Since Last Inspection:	6 Hours	Engines:	2 Reciprocating
Airframe Total Time:	3433 Hours	Engine Manufacturer:	CONTINENTAL
ELT:	Installed, not activated	Engine Model/Series:	TSIO-520 SER
Registered Owner:	LYNCH FLYING SERVICE, INC.	Rated Power:	310 hp
Operator:	LYNCH FLYING SERVICE, INC.	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	BIL, 3649 ft msl	Distance from Accident Site:	3 Nautical Miles
Observation Time:	1352 MDT	Direction from Accident Site:	260°
Lowest Cloud Condition:	Scattered / 4500 ft agl	Visibility	50 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	8 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	220°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	30° C / 4° C
Precipitation and Obscuration:			
Departure Point:	BILLINGS, MT (BIL)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	1417 MDT	Type of Airspace:	Class E

Airport Information

Airport:	BILLINGS LOGAL INT'L (BIL)	Runway Surface Type:	Asphalt
Airport Elevation:	3649 ft	Runway Surface Condition:	Dry
Runway Used:	27	IFR Approach:	None
Runway Length/Width:	3800 ft / 75 ft	VFR Approach/Landing:	Traffic Pattern

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	VERLIN B TRANTER	Report Date:	
Additional Participating Persons:	LEIGH ASLAKSON; BILLINGS, MT SCOTT BOYLE; DENVER, CO ROBERT WHITE; WICHITA, KS		
Publish Date:			
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 pubinquiry@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. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).