



Aviation Investigation Final Report

Location:	BASIN, Wyoming	Accident Number:	DEN87DT101
Date & Time:	August 21, 1987, 19:00 Local	Registration:	N72414
Aircraft:	CESSNA A188B	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 None
Flight Conducted Under:	Part 137: Agricultural		

Analysis

THE PLT WAS TAKING OFF ON A PRIVATE, 2300 FT, DIRT, AG STRIP WITH A LOAD OF CHEMICALS. THE ARPT ELEV WAS 4185 FT & THE RPRTD TEMP WAS 74 DEG. THE PLT SAID THE WIND WAS CALM WHEN HE BEGAN HIS TAKEOFF ROLL, BUT ABOUT 3/4 OF THE WAY DOWN THE RWY, THE ACFT ENCOUNTERED A SUDDEN GUST OF WIND. ALSO, HE SAID THERE WERE CUMULUS CLOUDS IN THE VCNTY & THE GUST WAS FROM THE TAIL OF THE ACFT. AT THAT POINT, HE WAS COMMITTED EITHER TO CONT THE TAKEOFF OR TO HIT A DITCH AT THE END OF THE RWY. HE ELECTED TO CONT THE TAKEOFF. THE ACFT BECAME AIRBORNE, BUT IT STALLED & CRASHED ABOUT 1/2 MI FROM THE STRIP.

Probable Cause and Findings

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

Findings

Occurrence #1: ON GROUND/WATER ENCOUNTER WITH WEATHER
Phase of Operation: TAKEOFF - ROLL/RUN

Findings

1. (C) PLANNING/DECISION - IMPROPER - PILOT IN COMMAND
2. (F) WEATHER CONDITION - HIGH DENSITY ALTITUDE
3. (F) WEATHER CONDITION - UNFAVORABLE WIND
4. (F) WEATHER CONDITION - TAILWIND

5. (F) WEATHER CONDITION - GUSTS

Occurrence #2: LOSS OF CONTROL - IN FLIGHT

Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

6. (C) AIRSPEED - NOT OBTAINED - PILOT IN COMMAND

7. (C) STALL - INADVERTENT - PILOT IN COMMAND

Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER

Phase of Operation: DESCENT - UNCONTROLLED

Factual Information

Pilot Information

Certificate:	Commercial	Age:	47, Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Center
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2 Valid Medical--w/ waivers/lim	Last FAA Medical Exam:	August 14, 1987
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	
Flight Time:	7000 hours (Total, all aircraft), 4000 hours (Total, this make and model), 7000 hours (Pilot In Command, all aircraft), 150 hours (Last 90 days, all aircraft), 70 hours (Last 30 days, all aircraft), 8 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N72414
Model/Series:	A188B A188B	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Restricted (Special)	Serial Number:	188019471
Landing Gear Type:	Tailwheel	Seats:	1
Date/Type of Last Inspection:	April 29, 1987 Annual	Certified Max Gross Wt.:	4000 lbs
Time Since Last Inspection:	140 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	2300 Hrs	Engine Manufacturer:	CONTINENTAL
ELT:	Not installed	Engine Model/Series:	IO-520
Registered Owner:	PETER C REINSCHMIDT	Rated Power:	300 Horsepower
Operator:	PETER C. REINSCHMIDT	Operating Certificate(s) Held:	
Operator Does Business As:		Operator Designator Code:	WMEG

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	WRL ,4245 ft msl	Distance from Accident Site:	60 Nautical Miles
Observation Time:	18:50 Local	Direction from Accident Site:	135°
Lowest Cloud Condition:	Scattered / 4000 ft AGL	Visibility	30 miles
Lowest Ceiling:	Broken / 8000 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	/
Wind Direction:	0°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	23°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:		Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	19:00 Local	Type of Airspace:	Class G

Airport Information

Airport:	PRIVATE	Runway Surface Type:	Dirt
Airport Elevation:	4185 ft msl	Runway Surface Condition:	
Runway Used:	0	IFR Approach:	None
Runway Length/Width:	2300 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	44.369121,-108.039878(est)

Administrative Information

Investigator In Charge (IIC):	Masterson, Robert
Additional Participating Persons:	LEIGH R ASLAKSON; BILLINGS , MT
Original Publish Date:	October 25, 1988
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=17070

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