



National Transportation Safety Board Aviation Accident Final Report

Location:	GRANBY, CO	Accident Number:	DEN86MA061
Date & Time:	01/11/1986, 1045 MST	Registration:	N425SC
Aircraft:	CESSNA 425	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	5 Fatal, 1 Serious
Flight Conducted Under:	Part 91: General Aviation - Business		

Analysis

DRG ARRIVAL, THE PLT ADVISED ARTCC THAT THE DESTINATION ARPT APPEARED TO BE COVERED WITH FOG. SHE THEN CANCELED HER IFR FLT PLAN. ACCORDING TO GROUND WITNESSES, THE ACFT MADE SEVERAL PASSES OVER THE ARPT. WITNESSES ALSO RPRTD THAT THE HORIZONTAL VISIBILITY WAS NIL, BUT THEY COULD SEE BLUE SKY DIRECTLY ABOVE. DRG THE LAST PASS, THE ACFT CROSSED OVER THE APCH END OF THE RWY WITH THE GEAR & FLAPS EXTENDED, ANGLING TO THE LEFT OF THE RWY HDG. MOMENTS LATER, WITNESSES HEARD THE ENGS GO TO FULL POWER, THEN SILENCE FOLLOWED. THE ACFT WAS FND WHERE IT IMPACTED RISING SNOW COVERED TERRAIN APRX 1/8 MI SOUTH OF THE MIDPOINT OF THE ARPT. THERE WAS EVIDENCE THAT THE ACFT WAS IN A STEEP DESCENDING, RIGHT WING LOW ATTITUDE WHEN IT CRASHED. NO PREIMPACT PART FAILURE/MALFUNCTION WAS FND.

Probable Cause and Findings

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

Findings

Occurrence #1: IN FLIGHT ENCOUNTER WITH WEATHER

Phase of Operation: APPROACH - VFR PATTERN - FINAL APPROACH

Findings

1. (C) IN-FLIGHT PLANNING/DECISION - IMPROPER - PILOT IN COMMAND
2. (F) TERRAIN CONDITION - SNOW COVERED
3. (F) WEATHER CONDITION - FOG
4. (C) VFR FLIGHT INTO IMC - CONTINUED - PILOT IN COMMAND
5. (F) VISUAL/AURAL PERCEPTION - PILOT IN COMMAND

Occurrence #2: LOSS OF CONTROL - IN FLIGHT

Phase of Operation: GO-AROUND (VFR)

Findings

6. GO-AROUND - INITIATED - PILOT IN COMMAND
7. (C) AIRCRAFT HANDLING - NOT MAINTAINED - PILOT IN COMMAND

Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER

Phase of Operation: APPROACH

Findings

8. (F) TERRAIN CONDITION - RISING
9. DESCENT - UNCONTROLLED

Factual Information

Pilot Information

Certificate:	Airline Transport; Flight Instructor; Commercial	Age:	46, Female
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	Airplane Multi-engine; Airplane Single-engine	Toxicology Performed:	Yes
Medical Certification:	Class 1 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	03/08/1985
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	3085 hours (Total, all aircraft), 156 hours (Total, this make and model), 2920 hours (Pilot In Command, all aircraft), 14 hours (Last 90 days, all aircraft), 14 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N425SC
Model/Series:	425 425	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	425-0126
Landing Gear Type:	Retractable - Tricycle	Seats:	8
Date/Type of Last Inspection:	07/12/1985, Continuous Airworthiness	Certified Max Gross Wt.:	8600 lbs
Time Since Last Inspection:	62 Hours	Engines:	2 Turbo Prop
Airframe Total Time:	935 Hours	Engine Manufacturer:	P&W
ELT:	Installed, not activated	Engine Model/Series:	PT6A-112
Registered Owner:	SILVER CREEK DEVELOPMENT	Rated Power:	450 hp
Operator:	JAYHAWK AIRCRAFT SALES	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Instrument Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	0000	Direction from Accident Site:	0°
Lowest Cloud Condition:	Partial Obscuration / 0 ft agl	Visibility	0 Miles
Lowest Ceiling:	Unknown / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	Calm /	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	
Precipitation and Obscuration:			
Departure Point:	HUTCHISON, KS (HUT)	Type of Flight Plan Filed:	IFR
Destination:	(GNB)	Type of Clearance:	None
Departure Time:	0918 CST	Type of Airspace:	Class G

Airport Information

Airport:	GRANBY-GRAND CO (GNB)	Runway Surface Type:	Asphalt
Airport Elevation:	8203 ft	Runway Surface Condition:	Dry
Runway Used:	27	IFR Approach:	None
Runway Length/Width:	5250 ft / 70 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 Fatal	Aircraft Damage:	Destroyed
Passenger Injuries:	4 Fatal, 1 Serious	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	5 Fatal, 1 Serious	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC): ARNOLD W SCOTT **Report Date:**

Additional Participating Persons: AL LAGGER; AURORA, CO
ROBERT WINTEROWD; BROOMFIELD, CO
GERALD SHOEMAKER; WICHITA, KS
CARL TOWNSEND; DENVER, CO

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 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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