



# National Transportation Safety Board Aviation Accident Final Report

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<b>Location:</b>	LINCOLN, NM	<b>Accident Number:</b>	DEN90FA030
<b>Date &amp; Time:</b>	12/02/1989, 1435 MST	<b>Registration:</b>	N9PU
<b>Aircraft:</b>	BEECH F-90	<b>Aircraft Damage:</b>	Destroyed
<b>Defining Event:</b>		<b>Injuries:</b>	2 Fatal
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

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## Analysis

WITNESSES HEARD THE AIRPLANE CIRCLING IN THE VICINITY OF THE NDB. OTHER WITNESSES SAW THE AIRPLANE EXIT THE CLOUD BASE IN A NEAR-VERTICAL DIVE AND IMPACT THE GROUND APRX 1 MILE EAST AND 1/2 MILE NORTH OF THE NDB.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: **LOSS OF CONTROL DUE TO PILOT DISORIENTATION WHILE CONDUCTING A NON PRECISION INSTRUMENT APPROACH. CONTRIBUTING TO THE ACCIDENT WAS THE PILOT'S LACK OF INSTRUMENT AND MULTIENGINE EXPERIENCE, AND THE EXISTING ADVERSE WEATHER.**

## Findings

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Occurrence #1: LOSS OF CONTROL - IN FLIGHT  
Phase of Operation: APPROACH - IAF TO FAF/OUTER MARKER (IFR)

### Findings

1. (F) WEATHER CONDITION - LOW CEILING
2. (F) WEATHER CONDITION - OBSCURATION
3. (F) WEATHER CONDITION - SNOW
4. (C) AIRCRAFT CONTROL - NOT MAINTAINED - PILOT IN COMMAND
5. (C) SPATIAL DISORIENTATION - PILOT IN COMMAND
6. (F) LACK OF TOTAL INSTRUMENT TIME - PILOT IN COMMAND
7. (F) LACK OF TOTAL EXPERIENCE IN TYPE OF AIRCRAFT - PILOT IN COMMAND

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Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER  
Phase of Operation: DESCENT - UNCONTROLLED

## Factual Information

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	52, Male
<b>Airplane Rating(s):</b>	Multi-engine Land; Single-engine Land	<b>Seat Occupied:</b>	Unknown
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	Seatbelt
<b>Instrument Rating(s):</b>	Airplane	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	Yes
<b>Medical Certification:</b>	Class 2 Valid Medical--w/ waivers/lim.	<b>Last FAA Medical Exam:</b>	06/28/1989
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	569 hours (Total, all aircraft), 92 hours (Total, this make and model), 305 hours (Pilot In Command, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	BEECH	<b>Registration:</b>	N9PU
<b>Model/Series:</b>	F-90 F-90	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	LA57
<b>Landing Gear Type:</b>	Retractable - Tricycle	<b>Seats:</b>	10
<b>Date/Type of Last Inspection:</b>	07/21/1989, 100 Hour	<b>Certified Max Gross Wt.:</b>	8800 lbs
<b>Time Since Last Inspection:</b>	153 Hours	<b>Engines:</b>	2 Turbo Prop
<b>Airframe Total Time:</b>	921 Hours	<b>Engine Manufacturer:</b>	P&W
<b>ELT:</b>	Installed	<b>Engine Model/Series:</b>	PT6A-135
<b>Registered Owner:</b>	R.F.W., INC.	<b>Rated Power:</b>	750 hp
<b>Operator:</b>	R.F.W., INC.	<b>Operating Certificate(s) Held:</b>	None

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Instrument Conditions	Condition of Light:	Day
Observation Facility, Elevation:	SRR, 6805 ft msl	Distance from Accident Site:	7 Nautical Miles
Observation Time:	1454 MST	Direction from Accident Site:	255°
Lowest Cloud Condition:	Unknown / 0 ft agl	Visibility	0 Miles
Lowest Ceiling:	Obscured / 800 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	Calm /	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	-2° C / -3° C
Precipitation and Obscuration:			
Departure Point:	CARLSBAD, CA (CRQ)	Type of Flight Plan Filed:	IFR
Destination:	RUIDOSO, NM (SRR)	Type of Clearance:	IFR
Departure Time:	1117 PST	Type of Airspace:	Class E

## Airport Information

Airport:	SIERRA BIANCA REGIONAL (SRR)	Runway Surface Type:	Asphalt
Airport Elevation:	6810 ft	Runway Surface Condition:	Wet
Runway Used:	24	IFR Approach:	ADF/NDB
Runway Length/Width:	8100 ft / 100 ft	VFR Approach/Landing:	None

## Wreckage and Impact Information

Crew Injuries:	1 Fatal	Aircraft Damage:	Destroyed
Passenger Injuries:	1 Fatal	Aircraft Fire:	On-Ground
Ground Injuries:	N/A	Aircraft Explosion:	On-Ground
Total Injuries:	2 Fatal	Latitude, Longitude:	

## Administrative Information

Investigator In Charge (IIC):	NORMAN F WIEMEYER	Report Date:	09/30/1991
Additional Participating Persons:	SANDARS; ALBUQUERQUE, NM REDMOND; MONTREAL, CD WARD; 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 <a href="mailto:pubinq@ntsb.gov">pubinq@ntsb.gov</a> , or at 800-877-6799. Dockets released after this date are available at <a href="http://dms.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> .		

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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](#).