



National Transportation Safety Board Aviation Accident Final Report

Location:	ROSWELL, NM	Accident Number:	DEN88DQA01
Date & Time:	10/01/1987, 0000 MDT	Registration:	N16RK
Aircraft:	Christen Industries EAGLE II	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	2 Fatal
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PLT AND HIS PLT RATED PAX DEPARTED ROSWELL AT ABOUT 0900 MDT TO PRACTICE MANEUVERS IN THE LOCAL AREA. THE WRECKAGE OF THE HOMEBUILT ACFT WAS FOUND IN AN OPEN FIELD ABOUT 1+20 AFTER TAKEOFF. THERE WERE NO KNOWN WITNESSES TO THE ACCIDENT. THE INVERTED POSITION OF THE ACFT WRECKAGE AND LACK OF MOVEMENT AFTER IMPACT INDICATED A STALLED FLT CONDITION. THERE WAS NO EVIDENCE OF ACFT MALFUNCTION FOUND.

Probable Cause and Findings

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

Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: MANEUVERING

Findings

1. (C) STALL/SPIN - INADVERTENT - PILOT IN COMMAND

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

Factual Information

Pilot Information

Certificate:	Commercial	Age:	37, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Rear
Other Aircraft Rating(s):	Balloon	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	None	Toxicology Performed:	Yes
Medical Certification:	Class 1 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	03/23/1987
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	7000 hours (Total, all aircraft), 7000 hours (Pilot In Command, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Christen Industries	Registration:	N16RK
Model/Series:	EAGLE II EAGLE II	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	Yes
Airworthiness Certificate:	Experimental	Serial Number:	KR 0001
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	07/28/1987, Annual	Certified Max Gross Wt.:	1600 lbs
Time Since Last Inspection:	50 Hours	Engines:	1 Reciprocating
Airframe Total Time:	145 Hours	Engine Manufacturer:	LYCOMING
ELT:	Not installed	Engine Model/Series:	IO-360L-4143
Registered Owner:	GERARDIN CORPORATION	Rated Power:	200 hp
Operator:	GERARDIN CORPORATION	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	ROW, 3650 ft msl	Distance from Accident Site:	20 Nautical Miles
Observation Time:	0000	Direction from Accident Site:	35°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	40 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	6 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	130°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	28° C / 4° C
Precipitation and Obscuration:			
Departure Point:	ROSWELL, NM (ROW)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	0900 MDT	Type of Airspace:	

Wreckage and Impact Information

Crew Injuries:	1 Fatal	Aircraft Damage:	Destroyed
Passenger Injuries:	1 Fatal	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 Fatal	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	DAVID A ROBINSON	Report Date:	10/06/1988
Additional Participating Persons:	ROBERT HERNANDEZ; ALBUQUERQUE, NM		
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/ .		

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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](#).