



National Transportation Safety Board Aviation Accident Data Summary

Location:	ALICIA, AR	Accident Number:	MKC90DPG02
Date & Time:	06/01/1990, 1015 CDT	Registration:	N8940Q
Aircraft:	Aero Commander S-2R	Injuries:	1 Fatal
Flight Conducted Under:	Part 137: Agricultural		

Analysis

ACCORDING TO THE FLAGMAN FOR THE AERIAL APPLICATOR THE PILOT HAD COMPLETED HIS FIRST SWATH RUN AND INITIALLY PULLED UP AND TURNED RIGHT. HE THEN REVERSED HIS TURN TO THE LEFT IN ORDER TO ALIGN THE AIRPLANE FOR THE SECOND PASS. THE FLAGMAN OBSERVED THE AIRPLANE TO BE STILL IN THE LEFT TURN NEARING THE SWATH RUN HEADING WHEN THE RIGHT WING SEEMED TO GET TOO HIGH. HE STATED 'HIS RIGHT WING JUST SEEMED TO KEEP COMING OVER TILL HE WAS 3/4 COCKED AND GOING STRAIGHT DOWN TO THE GROUND.' AFTER CONTACTING WIRES THE AIRPLANE COLLIDED WITH THE GROUND IN A RESIDENTIAL STREET AND WAS INVOLVED IN AN INTENSE POST CRASH FIRE.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT'S FAILURE TO MAINTIAN AIRSPEED DURING THE TURN TO REVERSE DIRECTION FOR A SWATH RUN.

Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: MANEUVERING - TURN TO REVERSE DIRECTION

Findings

1. (C) AIRSPEED(VS) - NOT MAINTAINED - PILOT IN COMMAND
2. STALL - INADVERTENT - PILOT IN COMMAND

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

Pilot Information

Certificate:	Commercial	Age:	38
Airplane Rating(s):	Multi-engine Land; Single-engine Land; Single-engine Sea	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	4000 hours (Total, all aircraft), 400 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Make:	Aero Commander	Registration:	N8940Q
Model/Series:	S-2R S-2R	Engines:	1 Reciprocating
Operator:	TERRY ROBINETT	Engine Manufacturer:	P&W
Operating Certificate(s) Held:		Engine Model/Series:	R-1340-AN1
Flight Conducted Under:	Part 137: Agricultural		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	JBR, 262 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Broken / 4000 ft agl	Wind Speed/Gusts, Direction:	8 knots / , 170°
Temperature:	24° C	Visibility	7 Miles
Precipitation and Obscuration:			
Departure Point:		Destination:	

Airport Information

Airport:	WALNUT RIDGE (ARG)	Runway Surface Type:	
Runway Used:	0	Runway Surface Condition:	
Runway Length/Width:			

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	EARL D NEWBERRY	Adopted Date:	10/02/1992
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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