



National Transportation Safety Board Aviation Accident Data Summary

Location:	QUITMAN, GA	Accident Number:	MIA85LA224
Date & Time:	08/01/1985, 1240 EDT	Registration:	N31FG
Aircraft:	BELL TH-13T	Injuries:	2 None
Flight Conducted Under:	Part 137: Agricultural		

Analysis

PILOT STATED THAT AFTER COMPLETING A LEFT TURN AT THE END OF A COTTON FIELD, THE AIRCRAFT YAWED SHARPLY TO THE LEFT AND THE YAW COULD NOT BE CONTROLLED WITH CYCLIC CONTROL. ANOTHER LEFT TURN AT THE OPPOSITE END OF THE FIELD THE AIRCRAFT AGAIN YAWED TO THE LEFT. CONTROL WAS REGAINED AND AS A PRECAUTIONARY LANDING WAS BEING MADE IN THE COTTON FIELD THE MAIN ROTOR BLADES STRUCK THE GROUND CAUSING THE AIRCRAFT TO ROLL ONTO ITS SIDE. POST CRASH INSPECTION OF THE AIRCRAFT'S FLIGHT CONTROL SYSTEM REVEALED NO EVIDENCE TO INDICATE PRECRASH MECHANICAL FAILURE OR MALFUNCTION.

Probable Cause

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 - AERIAL APPLICATION

Findings
1. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND

Occurrence #2: FORCED LANDING
Phase of Operation: DESCENT - EMERGENCY

Findings
2. PRECAUTIONARY LANDING - PERFORMED - PILOT IN COMMAND

Occurrence #3: DRAGGED WING, ROTOR, POD, FLOAT OR TAIL/SKID
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Occurrence #4: ROLL OVER
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Pilot Information

Certificate:	Commercial	Age:	31
Airplane Rating(s):	None	Instrument Rating(s):	None
Other Aircraft Rating(s):	Helicopter	Instructor Rating(s):	None
Flight Time:	1950 hours (Total, all aircraft), 1950 hours (Total, this make and model), 1950 hours (Pilot In Command, all aircraft), 125 hours (Last 90 days, all aircraft), 8 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	BELL	Registration:	N31FG
Model/Series:	TH-13T TH-13T	Engines:	1 Reciprocating
Operator:	C AND C FLYING SERVICE, INC.	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:		Engine Model/Series:	O-435
Flight Conducted Under:	Part 137: Agricultural		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	VLD, 204 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Broken / 2500 ft agl	Wind Speed/Gusts, Direction:	5 knots / , 230°
Temperature:	30° C	Visibility	5 Miles
Precipitation and Obscuration:			
Departure Point:		Destination:	

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC):	JEFFREY L KENNEDY	Adopted 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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