



National Transportation Safety Board Aviation Accident Data Summary

Location:	PADUCAH, KY	Accident Number:	ATL87DLQ01
Date & Time:	02/01/1987, 1100 CST	Registration:	N2562
Aircraft:	AIR COMMAND CDR ELITE 532	Injuries:	1 Fatal
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

WHILE CONDUCTING LOCAL TRAFFIC PATTERN TRAINING, THE GYROPLANE UNDERSHOT RUNWAY 22 DURING AN ATTEMPTED LANDING. THE PLT WAS KILLED IN THE CRASH. THE INVESTIGATION FAILED TO DISCLOSE ANY AIRCRAFT PROBLEMS. THE AUTOPSY REVEALED SEVERE CORONARY ARTERISCLEROSIS WITH FOCAL COMPLETE OCCLUSION OF THE LEFT ANTERIOR DESCENDING ARTERY, 75% NARROWING OF THE RIGHT CORONARY ARTERY, 50% NARROWING OF THE LEFT CIRCUMFLEX CORONARY ARTERY, AND INTRAMYOCARDIAL INTERSTITIAL FIBROSIS WITH SCATTERED HEALED MICROINFARCTS. THE PATHOLOGIST CONSIDERED CARDIAC ARRHYTHMIA, IMMEDIATELY PRIOR TO THE CRASH, TO BE HIGHLY PROBABLE. THE PLT HAD CORONARY BYPASS SURGERY IN 1983. HIS APPLICATION FOR A MEDICAL CERTIFICATE WAS DENIED 9/16/84. THE PILOT'S CERTIFICATE AND MEDICAL FOUND AFTER THE ACCIDENT WERE FORGERIES ACCORDING TO THE FAA.

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: APPROACH - VFR PATTERN - FINAL APPROACH

Findings
1. (C) INCAPACITATION(OTHER CARDIOVASCULAR) - PILOT IN COMMAND

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

Pilot Information

Certificate:	None	Age:	49
Airplane Rating(s):	None	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	5 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Make:	AIR COMMAND	Registration:	N2562
Model/Series:	CDR ELITE 532 CDR ELITE	Engines:	1 Reciprocating
Operator:	WALTER C.SAMUELS	Engine Manufacturer:	ROTAX
Operating Certificate(s) Held:	None	Engine Model/Series:	360
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Instrument Conditions	Condition of Light:	Day
Observation Facility, Elevation:	PAH, 410 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Overcast / 900 ft agl	Wind Speed/Gusts, Direction:	7 knots / , 180°
Temperature:	9° C	Visibility	12 Miles
Precipitation and Obscuration:			
Departure Point:	Destination:		

Airport Information

Airport:	FARRINGTON AIRPARK (KY29)	Runway Surface Type:	Asphalt
Runway Used:	22	Runway Surface Condition:	Dry
Runway Length/Width:	5000 ft / 50 ft		

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	RICHARD E KELLY, JR.	Adopted Date:	05/19/1989
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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