



National Transportation Safety Board Aviation Accident Data Summary

Location:	SMITHFIELD, NC	Accident Number:	ATL01LA046
Date & Time:	04/02/2001, 1740 EDT	Registration:	N58JM
Aircraft:	JACQUES J. MISTROT Skybolt	Injuries:	1 Fatal
Flight Conducted Under:	Part 91: General Aviation - Flight Test		

Analysis

This was the first flight of the experimental airplane. The takeoff roll and initial climb appeared normal. As the airplane continued the climb through 200 feet, it was observed entering a left turn until the airplane developed a nose low attitude. The airplane collided with trees on the right side of the runway. Examination of the aircraft revealed no mechanical malfunctions. The pilot had a prosthetic leg.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's failure to maintain control of the airplane during climb out that resulted in the in-flight collision with the ground. A factor was the physical impairment.

Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. (C) FLIGHT CONTROLS - IMPROPER USE OF - PILOT IN COMMAND
2. (F) PHYSICAL IMPAIRMENT - PILOT IN COMMAND

Pilot Information

Certificate:	Airline Transport; Flight Instructor	Age:	66
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	Glider; Helicopter	Instructor Rating(s):	Airplane Multi-engine; Instrument Airplane
Flight Time:	25000 hours (Total, all aircraft), 10 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Make:	JACQUES J. MISTROT	Registration:	N58JM
Model/Series:	Skybolt	Engines:	1 Reciprocating
Operator:		Engine Manufacturer:	Lycoming
Operating Certificate(s) Held:	None	Engine Model/Series:	IO-540/C4B5
Flight Conducted Under:	Part 91: General Aviation - Flight Test		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:		Weather Information Source:	Pilot
Lowest Ceiling:	None	Wind Speed/Gusts, Direction:	7 knots / , 290°
Temperature:	17° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	SMITHFIELD, NC (JNX)	Destination:	

Airport Information

Airport:	JOHNSTON COUNTY (JNX)	Runway Surface Type:	Asphalt
Runway Used:	03	Runway Surface Condition:	Dry
Runway Length/Width:	5500 ft / 100 ft		

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	PHILLIP POWELL	Adopted Date:	07/30/2001
Investigation Docket:	NTSB accident and incident docket 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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