



National Transportation Safety Board Aviation Accident Data Summary

Location:	Laytonsville, MD	Accident Number:	NYC04CA022
Date & Time:	11/01/2003, 1715 EST	Registration:	N70800
Aircraft:	Cessna 182M	Injuries:	3 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot was on final approach, with landing flaps, at a low altitude, transitioning to land when deer ran in front of the airplane. The pilot reported that he thought the airplane would strike the deer, and abruptly pulled back on the control wheel. He also added power; however, the pitch up preceded the engine responding. The pilot said the stall horn sounded momentarily, and then the airplane descended in a nose down attitude and struck the ground, about 150 feet short of the runway and slid for 100 feet. The nose landing gear collapsed, the lower fuselage was crushed, and the firewall was wrinkled. A witness reported that the final approach course brought the airplane over a corn field, where deer have been seen before. The landing distance chart from the Owner's manual revealed the airplane could have crossed the end of the runway at 50 feet, and still stopped within the remaining runway.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's abrupt evasive maneuver to avoid the deer, which resulted in the loss of airspeed and an inadvertent stall.

Findings

Occurrence #1: ABRUPT MANEUVER

Phase of Operation: APPROACH - VFR PATTERN - FINAL APPROACH

Findings

1. (F) OBJECT - ANIMAL(S)
2. (C) EVASIVE MANEUVER - ABRUPT - PILOT IN COMMAND

Occurrence #2: LOSS OF CONTROL - IN FLIGHT

Phase of Operation: APPROACH - VFR PATTERN - FINAL APPROACH

Findings

3. AIRSPEED - NOT MAINTAINED - PILOT IN COMMAND
4. STALL/MUSH - INADVERTENT - PILOT IN COMMAND

Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER

Phase of Operation: DESCENT - UNCONTROLLED

Findings

5. TERRAIN CONDITION - CROP

Occurrence #4: NOSE GEAR COLLAPSED
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Pilot Information

Certificate:	Commercial	Age:	54
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	2200 hours (Total, all aircraft), 134 hours (Total, this make and model), 1700 hours (Pilot In Command, all aircraft), 43 hours (Last 90 days, all aircraft), 14 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N70800
Model/Series:	182M	Engines:	1 Reciprocating
Operator:	On file	Engine Manufacturer:	Continental
Operating Certificate(s) Held:	None	Engine Model/Series:	O-470-R
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	FDK, 304 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None	Wind Speed/Gusts, Direction:	Calm / , Variable
Temperature:	21 °C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	Coatsville, PA (40N)	Destination:	Laytonsville, MD (W50)

Airport Information

Airport:	Laytonsville (W50)	Runway Surface Type:	Asphalt; Grass/turf
Runway Used:	26	Runway Surface Condition:	Dry
Runway Length/Width:	2005 ft / 25 ft		

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	2 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:	39.244444, -77.148611		

Administrative Information

Investigator In Charge (IIC):	Robert L Hancock	Adopted Date:	06/30/2004
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
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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