



National Transportation Safety Board Aviation Accident Data Summary

Location:	WILMINGTON, NC	Accident Number:	ATL93LA141
Date & Time:	08/01/1993, 1330 EDT	Registration:	N6255R
Aircraft:	CESSNA 150F	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

ACCORDING TO THE PILOT, THE AIRPLANE NOSED OVER DURING THE LANDING ROLL ON A SOD AIRSTRIP. DURING ROLL OUT THE NOSE WHEEL COLLIDED WITH A SOFT SPOT ON THE SOD SURFACE. EXAMINATION OF THE AIRSTRIP SURFACE REVEALED A HIDDEN SOFT SPOT BENEATH THE GRASS IN THE VICINITY WHERE THE AIRPLANE NOSED OVER.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: A HIDDEN SOFT SPOT ON THE RUNWAY THAT RESULTED IN A NOSE OVER OF THE AIRPLANE DURING A LANDING ROLL.

Findings

Occurrence #1: NOSE OVER
Phase of Operation: LANDING - ROLL

Findings
1. (C) TERRAIN CONDITION - SOFT

Pilot Information

Certificate:	Airline Transport	Age:	27
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	Airplane Multi-engine; Airplane Single-engine; Instrument Airplane
Flight Time:	2494 hours (Total, all aircraft), 566 hours (Total, this make and model), 2410 hours (Pilot In Command, all aircraft), 181 hours (Last 90 days, all aircraft), 68 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N6255R
Model/Series:	150F 150F	Engines:	1 Reciprocating
Operator:	CROWDER, JEFFERSON M. K.	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	O-320-A2B
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:	ILM, 12 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	3 knots / , 220°
Temperature:	32° C	Visibility	15 Miles
Precipitation and Obscuration:			
Departure Point:	Destination:		

Airport Information

Airport:	PRIVATE (NONE)	Runway Surface Type:	Grass/turf
Runway Used:	24	Runway Surface Condition:	Dry
Runway Length/Width:	4000 ft / 100 ft		

Wreckage and Impact Information

Crew Injuries:	1 None	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:	10/20/1994
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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