



National Transportation Safety Board Aviation Accident Factual Report

Location:	Burlington, NC	Accident Number:	ATL06CA040
Date & Time:	02/01/2006, 0940 EST	Registration:	N3581C
Aircraft:	Piper PA-31-350	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 None

Flight Conducted Under: Part 91: General Aviation - Executive/Corporate

On February 1, 2006, at 0940 eastern standard time a Piper PA-31-350, N3581C, registered to and operated by Labcorp, Inc., operating as a 14 CFR Part 91 corporate flight, collapsed the left main landing gear during landing at the Burlington-Alamance Regional Airport, Burlington, North Carolina. The airplane received substantial damage. Visual meteorological conditions prevailed and an instrument flight plan was filed. The Airline Transport Pilot was not injured. The flight originated from Manassas Regional Davis Airport, Manassas, Virginia on February 1, 2006, at 0840.

The pilot stated he entered a left downwind for runway 06 and extended his downwind due to another airplane being on left base for the same runway. He turned final and made several s-turns while waiting on the other airplane to clear the runway. Once the other airplane cleared the runway the pilot stated, "I lined up with the runway 06 and flared to land. My main landing gear struck the end of the pavement and sheared the left main gear." The pilot did not report any mechanical problems before the accident.

Pilot Information

Certificate:	Airline Transport; Flight Instructor; Commercial	Age:	49, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	Airplane Single-engine; Instrument Airplane	Toxicology Performed:	No
Medical Certification:	Class 2 With Waivers/Limitations	Last FAA Medical Exam:	01/01/2006
Occupational Pilot:		Last Flight Review or Equivalent:	04/01/2005
Flight Time:	12360 hours (Total, all aircraft), 6000 hours (Total, this make and model), 300 hours (Last 90 days, all aircraft), 100 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Piper	Registration:	N3581C
Model/Series:	PA-31-350	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	31-8052091
Landing Gear Type:	Retractable - Tricycle	Seats:	8
Date/Type of Last Inspection:	11/01/2005, Annual	Certified Max Gross Wt.:	7000 lbs
Time Since Last Inspection:	76 Hours	Engines:	2 Reciprocating
Airframe Total Time:	23432.4 Hours at time of accident	Engine Manufacturer:	Lycoming
ELT:	Installed, not activated	Engine Model/Series:	TIO-540-J28D
Registered Owner:	LabCorp	Rated Power:	350 hp
Operator:	LabCorp	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	KBUY, 617 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	0954 EST	Direction from Accident Site:	0°
Lowest Cloud Condition:	Clear	Visibility	10 Miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	Calm /	Turbulence Type Forecast/Actual:	/
Wind Direction:	Variable	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.08 inches Hg	Temperature/Dew Point:	4° C / -3° C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Manassas, VA (KHEF)	Type of Flight Plan Filed:	IFR
Destination:	Burlington, NC (KBUY)	Type of Clearance:	IFR
Departure Time:	0840 EST	Type of Airspace:	

Airport Information

Airport:	Burlington-Alamance Regional (KBUY)	Runway Surface Type:	Asphalt
Airport Elevation:	617 ft	Runway Surface Condition:	Dry
Runway Used:	06	IFR Approach:	None
Runway Length/Width:	5000 ft / 120 ft	VFR Approach/Landing:	Full Stop; Traffic Pattern

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
Total Injuries:	1 None	Latitude, Longitude:	36.048333, -79.474722

Administrative Information

Investigator In Charge (IIC):	Butch Wilson
Additional Participating Persons:	Mike Harville; FSDO 05 Greensboro; Greensboro, NC
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 pubinquiry@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .