



Aviation Investigation Final Report

Location:	Union City, South Carolina	Accident Number:	ATL05CA068
Date & Time:	April 3, 2005, 14:20 Local	Registration:	N3064L
Aircraft:	Cessna 310J	Aircraft Damage:	Substantial
Defining Event:		Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

According to the pilot, while returning from a cross-country flight, he prepared to land on runway 23 at Union, South Carolina. As the airplane touched down on runway 23 the airplane bounced and veered to the right. The pilot applied the left brake and right engine power in an attempt to regain directional control of the airplane but was unsuccessful. Full power was added to abort the landing but the airplane did not regain flying speed. The pilot reduced the power in an attempt to regain control and stop the airplane. The airplane overran the departure end of the runway and collided with a berm. Examination of the airplane revealed the fuselage was buckled. The right main gear shared off, and the outboard section of the right wing. Post accident examination of the airplane revealed no mechanical or flight control malfunctions.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's delay in aborting the landing. A contributing factor was the pilot's failure to maintain directional control.

Findings

Occurrence #1: OVERRUN

Phase of Operation: LANDING - ABORTED

Findings

1. (C) ABORTED LANDING - DELAYED - PILOT IN COMMAND
2. (F) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND

Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER

Phase of Operation: LANDING - ABORTED

Findings

3. TERRAIN CONDITION - BERM

Occurrence #3: GEAR COLLAPSED

Phase of Operation: LANDING - ABORTED

Factual Information

On March 3, 2005, at 1420 eastern standard time, a Cessna 310J, N3064L, registered to and operated by a private owner collided with a ditch at the Union County Airport, South Carolina. The personal flight was conducted under the provisions of Title 14 CFR Part 91 with no flight plan filed. Visual meteorological conditions prevailed at the time of the accident. The airplane sustained substantial damage. The private pilot and passenger were uninjured. The flight departed Edisto Island, South Carolina, on March 3, 2005 at 1330.

According to the pilot, while returning from a cross-country flight, he prepared to land on runway 23 at Union, South Carolina. As the airplane touched down on runway 23 the airplane bounced and veered to the right. The pilot applied left brake and right engine power in an attempt to regain directional control of the airplane but was unsuccessful. Full power was added to abort the landing but the airplane did not regain flying speed. The pilot reduced engine power in an attempt to regain control and stop the airplane. The airplane veered off the right side of the runway and collided with a berm.

Examination of the airplane revealed the fuselage was buckled. The right main gear was shared off, and the outboard section of the wing was damaged. The post-accident examination of the airplane revealed no mechanical or flight control malfunctions.

Pilot Information

Certificate:	Private	Age:	59, Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2 Valid Medical-w/ waivers/lim	Last FAA Medical Exam:	August 6, 2004
Occupational Pilot:	No	Last Flight Review or Equivalent:	October 18, 2003
Flight Time:	2595 hours (Total, all aircraft), 220 hours (Total, this make and model), 2390 hours (Pilot In Command, all aircraft), 15 hours (Last 90 days, all aircraft), 6 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N3064L
Model/Series:	310J	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	310J0064
Landing Gear Type:	Retractable - Tricycle	Seats:	4
Date/Type of Last Inspection:	March 17, 2005 Annual	Certified Max Gross Wt.:	5100 lbs
Time Since Last Inspection:	7 Hrs	Engines:	2 Reciprocating
Airframe Total Time:	5494 Hrs as of last inspection	Engine Manufacturer:	Continental
ELT:	Installed, not activated	Engine Model/Series:	IO-470
Registered Owner:	Robert D Hagberg	Rated Power:	260 Horsepower
Operator:		Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	GSP,964 ft msl	Distance from Accident Site:	31 Nautical Miles
Observation Time:	11:53 Local	Direction from Accident Site:	170°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	6 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29.94 inches Hg	Temperature/Dew Point:	17°C / 4°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Edisto Island, SC	Type of Flight Plan Filed:	VFR
Destination:	UNION, SC (35A)	Type of Clearance:	None
Departure Time:	13:30 Local	Type of Airspace:	Class E

Airport Information

Airport:	UNION COUNTY, TROY SHELTON FIE 35A	Runway Surface Type:	Asphalt
Airport Elevation:	605 ft msl	Runway Surface Condition:	Dry
Runway Used:	23	IFR Approach:	None
Runway Length/Width:	3008 ft / 60 ft	VFR Approach/Landing:	Go around

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	34.686389,-81.64167

Administrative Information

Investigator In Charge (IIC):	Alleyne, Eric
Additional Participating Persons:	Lanny Cline; Columbia FSDO; Columbia, SC
Original Publish Date:	July 7, 2005
Last Revision Date:	
Investigation Class:	Class
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=61282

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