



National Transportation Safety Board Aviation Accident Final Report

Location:	Fayetteville, GA	Accident Number:	ERA11CA176
Date & Time:	03/03/2011, 1445 EST	Registration:	N7067Q
Aircraft:	CESSNA 172L	Aircraft Damage:	Substantial
Defining Event:	Runway excursion	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

According to the pilot, she elected to land on an uphill runway with a tailwind and gusts present. She recalled that the wind at a nearby airport were indicating a tailwind at 11 knots, gusting to 17 knots. She decided not to use flaps and increased her landing speed due to the wind conditions. After landing on the grass runway, she was unable to sufficiently decelerate the airplane, which resulted in a runway overrun. The airplane collided with trees and sustained substantial damage to both wings. The pilot reported no preimpact mechanical malfunctions or failures with the airplane.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's decision to land with excessive speed in gusting, tailwind conditions, resulting in a runway overrun.

Findings

Personnel issues	Decision making/judgment - Pilot (Cause)
Environmental issues	Gusts - Contributed to outcome (Factor)

Factual Information

History of Flight

Landing-landing roll	Runway excursion (Defining event)
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Pilot Information

Certificate:	Private	Age:	50, Female
Airplane Rating(s):	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):	None	Toxicology Performed:	No
Medical Certification:	Class 3 With Waivers/Limitations	Last Medical Exam:	01/20/2010
Occupational Pilot:	No	Last Flight Review or Equivalent:	02/09/2010
Flight Time:	715 hours (Total, all aircraft), 650 hours (Total, this make and model), 650 hours (Pilot In Command, all aircraft), 10 hours (Last 90 days, all aircraft), 5 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	CESSNA	Registration:	N7067Q
Model/Series:	172L	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	17260367
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	12/31/2010, Annual	Certified Max Gross Wt.:	2300 lbs
Time Since Last Inspection:	10 Hours	Engines:	1 Reciprocating
Airframe Total Time:	10000 Hours	Engine Manufacturer:	LYCOMING
ELT:	Installed, not activated	Engine Model/Series:	0-320 SERIES
Registered Owner:	Joy Ballard	Rated Power:	150 hp
Operator:	Joy Ballard	Air Carrier Operating Certificate:	None

Meteorological Information and Flight Plan

Observation Facility, Elevation:	FFC, 808 ft msl	Observation Time:	1453 EST
Distance from Accident Site:	6 Nautical Miles	Condition of Light:	Day
Direction from Accident Site:	240°	Conditions at Accident Site:	Visual Conditions
Lowest Cloud Condition:	Clear	Temperature/Dew Point:	20°C / 1°C
Lowest Ceiling:	None	Visibility	10 Miles
Wind Speed/Gusts, Direction:	17 knots/ 23 knots, 130°	Visibility (RVR):	
Altimeter Setting:	30.26 inches Hg	Visibility (RVV):	
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Carrollton, GA (CTJ)	Type of Flight Plan Filed:	None
Destination:	Fayetteville, GA (19GA)	Type of Clearance:	None
Departure Time:	1315 EST	Type of Airspace:	

Airport Information

Airport:	Willow Pond Aviation Inc (19GA)	Runway Surface Type:	Grass/turf
Airport Elevation:	868 ft	Runway Surface Condition:	Dry
Runway Used:	32	IFR Approach:	None
Runway Length/Width:	3000 ft / 65 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		

Administrative Information

Investigator In Charge (IIC):	Ralph E Hicks	Adopted Date:	06/08/2011
Additional Participating Persons:	Steve Newcomer; FAA/FSDO; Atlanta, GA		
Publish Date:	06/08/2011		
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=78487		

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

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