



Aviation Investigation Final Report

Location:	Sussex, New Jersey	Accident Number:	ERA12CA427
Date & Time:	June 28, 2012, 15:40 Local	Registration:	N5143D
Aircraft:	Cessna 182A	Aircraft Damage:	Substantial
Defining Event:	Runway excursion	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Skydiving		

Analysis

The pilot reported that, during the final leg of the approach, the airplane was above the intended approach path and speed. Over the threshold of the runway, the airplane encountered a gust of wind. The pilot announced on the common traffic advisory frequency his intention to perform a go-around maneuver. He was unable to perform the maneuver prior to the hard landing; he then proceeded to overrun the runway and the airplane nosed over, which resulted in substantial damage to the left wing. The pilot reported that there were no mechanical malfunctions or failures with the airplane that would have precluded normal operation. The recorded wind at the airport about the time of the accident was variable at 4 knots and for the hour before and an hour after the accident the wind was recorded as calm.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's delayed decision to abort the landing and perform a go-around, which resulted in a runway overrun.

Findings

Personnel issues	Decision making/judgment - Pilot
Aircraft	Airspeed - Not attained/maintained

Factual Information

History of Flight

Landing-landing roll	Runway excursion (Defining event)
Landing-landing roll	Nose over/nose down
Landing-flare/touchdown	Miscellaneous/other

Pilot Information

Certificate:	Commercial	Age:	25, 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 1 Unknown	Last FAA Medical Exam:	March 30, 2012
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	January 30, 2012
Flight Time:	300 hours (Total, all aircraft), 60 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N5143D
Model/Series:	182A	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	51243
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	May 2, 2012 Annual	Certified Max Gross Wt.:	3112 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	4258 Hrs at time of accident	Engine Manufacturer:	CONT MOTOR
ELT:	Installed, not activated	Engine Model/Series:	O-470 SERIES
Registered Owner:	E N S AIRE INC	Rated Power:	230 Horsepower
Operator:	Anselm Winston Dewar	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	kfwn,421 ft msl	Distance from Accident Site:	
Observation Time:	11:20 Local	Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	
Precipitation and Obscuration:			
Departure Point:	Sussex, NJ (FWN)	Type of Flight Plan Filed:	None
Destination:	Sussex, NJ (FWN)	Type of Clearance:	None
Departure Time:		Type of Airspace:	Class G

Airport Information

Airport:	Sussex Airport FWN	Runway Surface Type:	Asphalt
Airport Elevation:	421 ft msl	Runway Surface Condition:	Dry
Runway Used:	03	IFR Approach:	None
Runway Length/Width:	3499 ft / 75 ft	VFR Approach/Landing:	Full stop;Go around;Traffic pattern

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	41.200279,-74.620552(est)

Administrative Information

Investigator In Charge (IIC):	Etcher, Shawn
Additional Participating Persons:	William H Rush; FAA/FSDO; Allentown, PA
Original Publish Date:	October 4, 2012
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=84157

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