



Aviation Investigation Final Report

Location:	Farmville, Virginia	Accident Number:	ERA12CA110
Date & Time:	December 15, 2011, 19:40 Local	Registration:	N788SR
Aircraft:	CIRRUS DESIGN CORP SR22	Aircraft Damage:	Substantial
Defining Event:	Runway excursion	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

According to the pilot, the intention of the flight was to become night current. He was on the global positioning system approach and was lined up on the runway centerline with the approach lights in sight. At 500 feet above ground level, the pilot extended the wing flaps to the full down position. When the airplane was closer to the ground, the airspeed suddenly decreased and the rate of descent increased, and the pilot added full power in order to arrest the descent. The airplane, however, impacted trees and the ground about 2,000 feet prior to the runway. The airplane bounced twice and then landed on the runway. During the landing roll, the airplane veered off the left side of the runway and came to rest in a grassy area. During the accident sequence, the airplane sustained substantial damage to the wings. The pilot reported there were no preexisting mechanical anomalies with the airplane.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot did not maintain the proper approach path, which resulted in a runway undershoot.

Findings

Personnel issues	Decision making/judgment - Pilot
Aircraft	Descent/approach/glide path - Not attained/maintained

Factual Information

History of Flight

Approach-IFR final approach	Collision during takeoff/land
Landing-landing roll	Runway excursion (Defining event)

Pilot Information

Certificate:	Private	Age:	70, 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 3 Without waivers/limitations	Last FAA Medical Exam:	April 15, 2011
Occupational Pilot:	No	Last Flight Review or Equivalent:	August 16, 2011
Flight Time:	2000 hours (Total, all aircraft), 63 hours (Total, this make and model), 2000 hours (Pilot In Command, all aircraft), 29 hours (Last 90 days, all aircraft), 13 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CIRRUS DESIGN CORP	Registration:	N788SR
Model/Series:	SR22	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	2887
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	January 14, 2011 Annual	Certified Max Gross Wt.:	3400 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	665 Hrs at time of accident	Engine Manufacturer:	CONT MOTOR
ELT:	Installed, not activated	Engine Model/Series:	IO-550-N
Registered Owner:	Neil O'Donohue	Rated Power:	310 Horsepower
Operator:	Neil O'Donohue	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Night
Observation Facility, Elevation:	FVX,416 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	19:35 Local	Direction from Accident Site:	
Lowest Cloud Condition:	7000 ft AGL	Visibility	10 miles
Lowest Ceiling:	Broken / 7000 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	10 knots / 16 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	210°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29.97 inches Hg	Temperature/Dew Point:	19°C / 9°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Farmville, VA (FVX)	Type of Flight Plan Filed:	None
Destination:	Farmville, VA (FVX)	Type of Clearance:	None
Departure Time:	19:00 Local	Type of Airspace:	

Airport Information

Airport:	Farmville Regional Airport FVX	Runway Surface Type:	Asphalt
Airport Elevation:	416 ft msl	Runway Surface Condition:	Dry
Runway Used:	21	IFR Approach:	Global positioning system
Runway Length/Width:	4400 ft / 75 ft	VFR Approach/Landing:	Straight-in

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:	37.354442,-78.436111(est)

Administrative Information

Investigator In Charge (IIC): Gunther, Todd

Additional Participating Persons: Manuel Carvalho; FAA/FSDO; Richmond, VA

Original Publish Date: March 8, 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.ntsb.gov/Docket?ProjectID=82526>

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