



Aviation Investigation Final Report

Location:	Reidsville, Georgia	Accident Number:	ERA09CA175
Date & Time:	February 16, 2009, 17:00 Local	Registration:	N9289H
Aircraft:	Cessna 172	Aircraft Damage:	Substantial
Defining Event:	Aerodynamic stall/spin	Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The airplane inadvertently entered a spin during recovery from a practice power-off stall, with 30 degrees of flaps deployed. The pilot stated that during the recovery of the practice stall he applied, "full power and nose level...the airplane went sideways and started spinning downwards." The pilot did not immediately reduce power, and the airplane's speed increased as it descended. He reported that upon recovering from the spin, the airspeed was over 120 knots; however, the airplane's maximum airspeed with flaps extended was 85 knots. The pilot subsequently retracted the flaps and heard a "creaking noise." Postaccident inspection of the airplane revealed that the wings and flaps were damaged.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's failure to maintain control of the airplane during an attempted recovery from a stall/spin.

Findings

Aircraft	Airspeed - Capability exceeded
Personnel issues	Incorrect action performance - Pilot
Personnel issues	Aircraft control - Pilot
Aircraft	TE flap control system - Incorrect use/operation
Aircraft	(general) - Not attained/maintained

Factual Information

History of Flight

Maneuvering	Simulated/training event
Maneuvering	Aerodynamic stall/spin (Defining event)
Maneuvering	Attempted remediation/recovery

Pilot Information

Certificate:	Private	Age:	21, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2 Without waivers/limitations	Last FAA Medical Exam:	February 10, 2009
Occupational Pilot:	No	Last Flight Review or Equivalent:	February 10, 2009
Flight Time:	58 hours (Total, all aircraft), 16 hours (Total, this make and model), 16 hours (Last 90 days, all aircraft), 16 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N9289H
Model/Series:	172 M	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal; Utility	Serial Number:	17266070
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	January 30, 2009 100 hour	Certified Max Gross Wt.:	2300 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	11231.7 Hrs as of last inspection	Engine Manufacturer:	LYCOMING
ELT:	Installed, not activated	Engine Model/Series:	O-320
Registered Owner:	PEGASUS AIR LLC	Rated Power:	160 Horsepower
Operator:	Pegasus Air LLC	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Dusk
Observation Facility, Elevation:	TBR,187 ft msl	Distance from Accident Site:	50 Nautical Miles
Observation Time:	17:00 Local	Direction from Accident Site:	30°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	8 knots / None	Turbulence Type Forecast/Actual:	/
Wind Direction:	310°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.18 inches Hg	Temperature/Dew Point:	16°C / -2°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Jacksonville, FL (CRG)	Type of Flight Plan Filed:	None
Destination:	Statesboro, GA (TBR)	Type of Clearance:	None
Departure Time:	15:00 Local	Type of Airspace:	

Airport Information

Airport:	Statesboro-Bulloch County Arpt TBR	Runway Surface Type:	
Airport Elevation:	187 ft msl	Runway Surface Condition:	
Runway Used:		IFR Approach:	Unknown
Runway Length/Width:		VFR Approach/Landing:	Unknown

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:	32.058887,-82.151664(est)

Administrative Information

Investigator In Charge (IIC):	Alleyne, Eric
Additional Participating Persons:	Tony Jones; FAA/FSDO; Atlanta, GA
Original Publish Date:	June 11, 2009
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=73394

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