



National Transportation Safety Board Aviation Accident Data Summary

Location:	Waycross, GA	Accident Number:	ERA15CA152
Date & Time:	03/10/2015, 1500 EDT	Registration:	N42667
Aircraft:	CESSNA 182L	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

According to the pilot, the runway he intended to depart from was parallel to the taxiway and parking ramp. He assumed that after making two right turns he would be on the runway. He reported that he did not have any airport diagrams to navigate with, while operating on the airport movement area. Following his second right turn he noticed a runway sign, announced his intention to depart over the common traffic advisory frequency, taxied onto what he assumed was the runway, observed "faded yellow chevrons," and added power for takeoff. During the takeoff roll the pilot observed crossing the runway he assumed he was on, and the paved surface he was on was ending. He retarded the throttle and applied brakes. The airplane exited the paved surface and nosed over, coming to rest inverted; which resulted in substantial damage to the fuselage, left wing, and vertical stabilizer. The pilot reported no mechanical abnormalities or malfunctions that would have precluded normal operation. The airport diagram, and the pilot's own drawing of the accident event, revealed the need to make three right turns prior to being on the runway. According to a Federal Aviation Administration inspector, that traveled to the accident location, the runway was "clearly identifiable" and the markings were visible.

Flight Events

Taxi-to runway - Miscellaneous/other
Takeoff - Nose over/nose down

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

The pilot's failure to use any airport guidance while taxiing, which resulted in geographic disorientation and a takeoff attempt from an inadequate length and unsuitable surface.

Findings

Personnel issues-Action/decision-Info processing/decision-Identification/recognition-Pilot - C
Personnel issues-Experience/knowledge-Knowledge-Knowledge of geographic area-Pilot - C
Personnel issues-Psychological-Perception/orientation/illusion-Situational awareness-Pilot - C
Personnel issues-Psychological-Perception/orientation/illusion-Geographic disorient (lost)-Pilot - C

Environmental issues-Operating environment-Airport facilities/design-Runway/landing area length-Awareness of condition - C

Pilot Information

Certificate:	Private	Age:	63
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	(Estimated) 690 hours (Total, all aircraft), 600 hours (Total, this make and model), 555 hours (Pilot In Command, all aircraft), 6 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N42667
Model/Series:	182L	Engines:	1 Reciprocating
Operator:	On file	Engine Manufacturer:	CONT MOTOR
Operating Certificate(s) Held:	None	Engine Model/Series:	O-470-R25
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	AYS, 142 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Broken / 7500 ft agl	Wind Speed/Gusts, Direction:	8 knots / 14 knots, 230°
Temperature:	31 °C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	WAYCROSS, GA (AYS)	Destination:	LA BELLE, FL (X14)

Airport Information

Airport:	WAYCROSS-WARE COUNTY (AYS)	Runway Surface Type:	Asphalt
Runway Used:	18	Runway Surface Condition:	Dry
Runway Length/Width:	5992 ft / 100 ft		

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
Latitude, Longitude:	31.248333, -82.395278 (est)		

Administrative Information

Investigator In Charge (IIC):	Shawn Etcher	Adopted Date:	08/11/2015
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=90853		

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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