



AVIATION



HIGHWAY



MARINE



RAILROAD



PIPELINE

Aviation Investigation Final Report

Location:	Kennesaw, Georgia	Accident Number:	ERA23LA282
Date & Time:	July 2, 2023, 10:30 Local	Registration:	N734YD
Aircraft:	Cessna 172	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Instructional		

Analysis

The solo student pilot reported that upon landing, the airplane began “veering toward the left side of the runway.” He attempted to correct with right rudder but was unsuccessful and subsequently attempted to abort the landing. During the maneuver the right main landing gear impacted a runway sign and the airplane touched back down in the grass next to the runway coming to a stop. During the accident sequence, the right horizontal stabilizer was substantially damaged. The owner reported that there were no preaccident mechanical malfunctions or failures with the airplane that would have precluded normal operation.

Probable Cause and Findings

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

The student pilot’s loss of directional control while landing, which resulted in a runway excursion and collision with an airport sign.

Findings

Aircraft	Directional control - Not attained/maintained
Personnel issues	Aircraft control - Student/instructed pilot

Factual Information

History of Flight

Landing-aborted after touchdown	Loss of control on ground (Defining event)
Landing-aborted after touchdown	Collision with terr/obj (non-CFIT)

Student pilot Information

Certificate:	Student	Age:	54,Male
Airplane Rating(s):	None	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	3-point
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	
Medical Certification:	Class 3 With waivers/limitations	Last FAA Medical Exam:	March 8, 2022
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	65 hours (Total, all aircraft), 29 hours (Total, this make and model), 3 hours (Pilot In Command, all aircraft), 4 hours (Last 90 days, all aircraft), 4 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N734YD
Model/Series:	172 N	Aircraft Category:	Airplane
Year of Manufacture:	1977	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	17269213
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	May 15, 2023 100 hour	Certified Max Gross Wt.:	2300 lbs
Time Since Last Inspection:	84 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	13425.1 Hrs at time of accident	Engine Manufacturer:	LYCOMING
ELT:	Installed, not activated	Engine Model/Series:	O-320-E2D
Registered Owner:	On file	Rated Power:	160 Horsepower
Operator:	On file	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	RYY,1040 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	10:50 Local	Direction from Accident Site:	276°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	None / None
Wind Direction:		Turbulence Severity Forecast/Actual:	N/A / N/A
Altimeter Setting:	30.04 inches Hg	Temperature/Dew Point:	27°C / 21°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Kennesaw, GA	Type of Flight Plan Filed:	None
Destination:	Kennesaw, GA	Type of Clearance:	VFR
Departure Time:		Type of Airspace:	Class D

Airport Information

Airport:	COBB COUNTY INTL-MCCOLLUM FLD RYY	Runway Surface Type:	Concrete
Airport Elevation:	1040 ft msl	Runway Surface Condition:	Dry
Runway Used:	27	IFR Approach:	None
Runway Length/Width:	6295 ft / 100 ft	VFR Approach/Landing:	Go around;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	Latitude, Longitude:	34.012548,-84.593917(est)

Administrative Information

Investigator In Charge (IIC): Young, Joshua

Additional Participating Persons: Rodney Hood; FAA/FSDO; Atlanta , GA

Original Publish Date: August 10, 2023

Last Revision Date:

Investigation Class: [Class 4](#)

Note: The NTSB did not travel to the scene of this accident.

Investigation Docket: <https://data.nts.gov/Docket?ProjectID=192511>

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The NTSB does not assign fault or blame for an accident or incident; rather, as specified by NTSB regulation, “accident/incident investigations are fact-finding proceedings with no formal issues and no adverse parties ... and are not conducted for the purpose of determining the rights or liabilities of any person” (Title 49 *Code of Federal Regulations* section 831.4). Assignment of fault or legal liability is not relevant to the NTSB’s statutory mission to improve transportation safety by investigating accidents and incidents and issuing safety recommendations. In addition, statutory language prohibits the admission into evidence or use of any part of an NTSB report related to an accident in a civil action for damages resulting from a matter mentioned in the report (Title 49 *United States Code* section 1154(b)). A factual report that may be admissible under 49 *United States Code* section 1154(b) is available [here](#).