



Aviation Investigation Final Report

Location:	Hillsboro, Oregon	Accident Number:	WPR23LA123
Date & Time:	March 7, 2023, 12:04 Local	Registration:	N25233 (A1); N6460M (A2)
Aircraft:	Cessna 152 (A1); Cessna 152 (A2)	Aircraft Damage:	Substantial (A1); Minor (A2)
Defining Event:	Ground collision	Injuries:	1 None (A1); 2 None (A2)
Flight Conducted Under:	Part 91: General aviation - Personal (A1); Part 91: General aviation - Instructional (A2)		

Analysis

The student pilot reported that, he was taxiing on the parking row centerline and did not see that another airplane had moved and came to a stop about 5 feet into the taxiway. The left wing of the taxing airplane collided with the propeller of the other airplane, resulting in substantial damage to the left wing and aileron. The other airplane sustained minor damage to the propeller.

The pilots of both airplanes reported that there were no preaccident mechanical malfunctions and failures with the airplanes 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 failure to see and avoid another airplane during taxi.

Findings

Personnel issues (A1)	Monitoring other aircraft - Student/instructed pilot
Environmental issues (A1)	Aircraft - Effect on operation
Personnel issues (A2)	Monitoring other aircraft - Pilot of other aircraft
Environmental issues (A2)	Aircraft - Effect on operation

Factual Information

History of Flight

Taxi (A1)	Ground collision (Defining event)
Standing-engine(s) operating (A2)	Ground collision

Student pilot Information (A1)

Certificate:	None	Age:	27,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 2 With waivers/limitations	Last FAA Medical Exam:	June 28, 2022
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	(Estimated) 91 hours (Total, all aircraft), 91 hours (Total, this make and model), 1 hours (Pilot In Command, all aircraft), 10 hours (Last 90 days, all aircraft), 10 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Flight instructor Information (A2)

Certificate:	Commercial; Flight instructor	Age:	25,Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Right
Other Aircraft Rating(s):	None	Restraint Used:	3-point
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	Airplane single-engine; Instrument airplane	Toxicology Performed:	
Medical Certification:	Class 1 With waivers/limitations	Last FAA Medical Exam:	January 24, 2024
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	December 13, 2022
Flight Time:			

Student pilot Information (A2)

Certificate:	None	Age:	23,Male
Airplane Rating(s):	None	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	3-point
Instrument Rating(s):	None	Second Pilot Present:	Yes
Instructor Rating(s):	None	Toxicology Performed:	
Medical Certification:	Class 1 Without waivers/limitations	Last FAA Medical Exam:	January 24, 2023
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	(Estimated) 19 hours (Total, all aircraft), 19 hours (Total, this make and model), 19 hours (Last 90 days, all aircraft), 13 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information (A1)

Aircraft Make:	Cessna	Registration:	N25233
Model/Series:	152	Aircraft Category:	Airplane
Year of Manufacture:	1977	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	15280545
Landing Gear Type:	Tricycle	Seats:	2
Date/Type of Last Inspection:	January 14, 2023 Annual	Certified Max Gross Wt.:	1670 lbs
Time Since Last Inspection:	78.5 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	8964.4 Hrs as of last inspection	Engine Manufacturer:	Lycoming
ELT:	C126 installed, not activated	Engine Model/Series:	O-235-2LC
Registered Owner:	HILLSBORO AERO ACADEMY LLC	Rated Power:	110 Horsepower
Operator:	HILLSBORO AERO ACADEMY LLC	Operating Certificate(s) Held:	Pilot school (141)
Operator Does Business As:	Flight School	Operator Designator Code:	

Aircraft and Owner/Operator Information (A2)

Aircraft Make:	Cessna	Registration:	N6460M
Model/Series:	152	Aircraft Category:	Airplane
Year of Manufacture:	1981	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	15284742
Landing Gear Type:	Retractable - Tricycle	Seats:	2
Date/Type of Last Inspection:	January 6, 2023 Annual	Certified Max Gross Wt.:	1670 lbs
Time Since Last Inspection:	88 Hrs	Engines:	1
Airframe Total Time:	17175 Hrs at time of accident	Engine Manufacturer:	LYCOMING
ELT:	C126 installed, not activated	Engine Model/Series:	0-235 SERIES
Registered Owner:	HILLSBORO AERO ACADEMY LLC	Rated Power:	115 Horsepower
Operator:	HILLSBORO AERO ACADEMY LLC	Operating Certificate(s) Held:	Pilot school (141)
Operator Does Business As:	Flight School	Operator Designator Code:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	KHIO, 196 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	11:53 Local	Direction from Accident Site:	
Lowest Cloud Condition:		Visibility	
Lowest Ceiling:	Overcast / 3300 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	None /
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.04 inches Hg	Temperature/Dew Point:	2°C / 2°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Hillsboro, OR (A1); Hillsboro, OR (A2)	Type of Flight Plan Filed:	None (A1); None (A2)
Destination:	Hillsboro, OR (A1); Hillsboro, OR (A2)	Type of Clearance:	VFR (A1); VFR (A2)
Departure Time:		Type of Airspace:	Class D (A1); Class D (A2)

Airport Information

Airport:	Portland-Hillsboro HIO	Runway Surface Type:	
Airport Elevation:	208 ft msl	Runway Surface Condition:	Dry
Runway Used:		IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	None

Wreckage and Impact Information (A1)

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:		Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	45.542122,-122.95072

Wreckage and Impact Information (A2)

Crew Injuries:	2 None	Aircraft Damage:	Minor
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:		Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	45.542122,-122.95072

Administrative Information

Investigator In Charge (IIC):	Blum, Contessa
Additional Participating Persons:	Jason Lawver; PDX FSDO; Hillsboro, OR
Original Publish Date:	April 27, 2023
Last Revision Date:	December 13, 2024
Investigation Class:	Class 4
Note:	The NTSB did not travel to the scene of this accident.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=106878

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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](#).