



Aviation Investigation Final Report

Location:	Lajas, Puerto Rico	Accident Number:	ERA24LA063
Date & Time:	December 10, 2023, 21:50 UTC	Registration:	N1707Q
Aircraft:	Cessna 150L	Aircraft Damage:	Substantial
Defining Event:	Collision with terr/obj (non-CFIT)	Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported that during takeoff from the private airstrip, the right wing of the airplane impacted bushes alongside of the narrow turf runway. As a result of the impact, the airplane to yawed to the right. The pilot attempted to pull back on the yoke, but lost control and the airplane impacted the ground and nosed over. The pilot reported that there were no pre-accident mechanic 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 pilot's failure to maintain adequate clearance from bushes alongside the runway, which resulted in a loss of directional control during the takeoff.

Findings

Personnel issues	Decision making/judgment - Pilot
Environmental issues	Tree(s) - Awareness of condition

Factual Information

History of Flight

Takeoff	Collision with terr/obj (non-CFIT) (Defining event)
Takeoff	Loss of control in flight
Takeoff	Nose over/nose down

Pilot Information

Certificate:	Commercial; Flight instructor	Age:	67,Male
Airplane Rating(s):	Single-engine land; Single-engine sea; Multi-engine land; Multi-engine sea	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	3-point
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	Airplane multi-engine; Airplane single-engine	Toxicology Performed:	
Medical Certification:	Class 2 With waivers/limitations	Last FAA Medical Exam:	July 20, 2023
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	October 28, 2022
Flight Time:	18312 hours (Total, all aircraft), 4300 hours (Total, this make and model), 18092 hours (Pilot In Command, all aircraft), 63 hours (Last 90 days, all aircraft), 10 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Passenger Information

Certificate:		Age:	Male
Airplane Rating(s):		Seat Occupied:	Right
Other Aircraft Rating(s):		Restraint Used:	3-point
Instrument Rating(s):		Second Pilot Present:	No
Instructor Rating(s):		Toxicology Performed:	
Medical Certification:		Last FAA Medical Exam:	
Occupational Pilot:	UNK	Last Flight Review or Equivalent:	
Flight Time:			

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N1707Q
Model/Series:	150L	Aircraft Category:	Airplane
Year of Manufacture:	1971	Amateur Built:	
Airworthiness Certificate:	Utility	Serial Number:	15073007
Landing Gear Type:	Tricycle	Seats:	2
Date/Type of Last Inspection:	August 5, 2023 Annual	Certified Max Gross Wt.:	1600 lbs
Time Since Last Inspection:	91 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	19348.7 Hrs as of last inspection	Engine Manufacturer:	Continental
ELT:	C126 installed, not activated	Engine Model/Series:	O-200-A
Registered Owner:	On file	Rated Power:	100 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:	TJPS, 24 ft msl	Distance from Accident Site:	30 Nautical Miles
Observation Time:	17:35 Local	Direction from Accident Site:	0°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	6 knots /	Turbulence Type Forecast/Actual:	None / None
Wind Direction:	90°	Turbulence Severity Forecast/Actual:	N/A / N/A
Altimeter Setting:	29.91 inches Hg	Temperature/Dew Point:	28°C / 22°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Lajas, PR	Type of Flight Plan Filed:	None
Destination:	Ponce, PR (TJPS)	Type of Clearance:	None
Departure Time:		Type of Airspace:	Class G

Airport Information

Airport:	LAJAS AIRPARK PR25	Runway Surface Type:	Grass/turf
Airport Elevation:	30 ft msl	Runway Surface Condition:	Dry
Runway Used:	17/35	IFR Approach:	None
Runway Length/Width:	2866 ft / 50 ft	VFR Approach/Landing:	None

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:	18.010856,-67.069085(est)

Administrative Information

Investigator In Charge (IIC):	Enders, Ryan
Additional Participating Persons:	William Melendez; FAA/FSDO; San Juan, PR
Original Publish Date:	January 25, 2024
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=193511

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