



Aviation Investigation Final Report

Location:	Chelan, Washington	Accident Number:	GAA18CA384
Date & Time:	June 27, 2018, 10:45 Local	Registration:	N1266C
Aircraft:	COLUMBIA AIRCRAFT MFG LC41	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported that he made a steep approach and touched down two-thirds down the length of the runway beyond the approach end and faster than expected. Subsequently, he applied full brakes, but the airplane overran the end of runway. The airplane crossed a road and briefly became airborne. The airplane touched down hard and came to rest upright in a field with heavy vegetation.

The airplane sustained substantial damage to the left wing.

The pilot reported that there were no preaccident mechanical failures or malfunctions 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 improper approach, which resulted in the airplane landing long and a subsequent runway overrun.

Findings

Aircraft	Descent/approach/glide path - Not attained/maintained
Personnel issues	Aircraft control - Pilot
Environmental issues	(general) - Contributed to outcome

Factual Information

History of Flight

Landing-landing roll	Loss of control on ground (Defining event)
Landing-landing roll	Attempted remediation/recovery
Landing-landing roll	Landing area overshoot
After landing	Collision with terr/obj (non-CFIT)

Pilot Information

Certificate:	Private	Age:	61,Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	3-point
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 With waivers/limitations	Last FAA Medical Exam:	September 16, 2017
Occupational Pilot:	No	Last Flight Review or Equivalent:	April 18, 2017
Flight Time:	(Estimated) 814 hours (Total, all aircraft), 142 hours (Total, this make and model), 33 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	COLUMBIA AIRCRAFT MFG	Registration:	N1266C
Model/Series:	LC41 550FG	Aircraft Category:	Airplane
Year of Manufacture:	2006	Amateur Built:	
Airworthiness Certificate:	Utility	Serial Number:	41615
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	February 20, 2018 Annual	Certified Max Gross Wt.:	3600 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	Continental
ELT:	Installed, not activated	Engine Model/Series:	TSIO-550 C
Registered Owner:		Rated Power:	310 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:	KEAT,1229 ft msl	Distance from Accident Site:	30 Nautical Miles
Observation Time:	16:55 Local	Direction from Accident Site:	200°
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:	320°	Turbulence Severity Forecast/Actual:	N/A / N/A
Altimeter Setting:	29.95 inches Hg	Temperature/Dew Point:	18°C / 3°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Everett, WA (PAE)	Type of Flight Plan Filed:	VFR/IFR
Destination:	Chelan, WA (S10)	Type of Clearance:	VFR
Departure Time:	10:00 Local	Type of Airspace:	Class G

Airport Information

Airport:	Lake Chelan S10	Runway Surface Type:	Asphalt
Airport Elevation:	1263 ft msl	Runway Surface Condition:	Dry
Runway Used:	02	IFR Approach:	None
Runway Length/Width:	3503 ft / 60 ft	VFR Approach/Landing:	Full stop;Traffic pattern

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	47.866111,-119.942779(est)

Administrative Information

Investigator In Charge (IIC):	Nepomuceno, Eleazar
Additional Participating Persons:	Chris Cogler, FAA; Spokane, WA
Original Publish Date:	June 5, 2019
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=97626

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.

The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).