



Aviation Investigation Final Report

Location:	Long Beach, California	Accident Number:	WPR23LA274
Date & Time:	July 10, 2023, 14:25 Local	Registration:	N3307E
Aircraft:	Cessna 172N	Aircraft Damage:	Substantial
Defining Event:	Collision with terr/obj (non-CFIT)	Injuries:	1 Minor
Flight Conducted Under:	Part 91: General aviation - Instructional		

Analysis

The flight instructor reported that he was on the ramp, observing his student pilot practice landings while flying solo. During the student pilot's first landing, he observed the left wing and main gear lift, and the student pilot overcorrected to the left and exited the runway into grass. The student pilot elected to execute a go-around, but impacted the rooftop of a hangar. The airplane sustained substantial damage to the wings and fuselage. The instructor reported there were no preaccident mechanical malfunctions or failures 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 maintain directional control during landing and the subsequent go-around, which resulted in impact with a hangar.

Findings

Aircraft	Directional control - Not attained/maintained
Aircraft	Configuration - Incorrect use/operation
Personnel issues	Total experience - Pilot

Factual Information

History of Flight

Landing-aborted after touchdown	Collision with terr/obj (non-CFIT) (Defining event)
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Pilot Information

Certificate:	Student	Age:	30,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 1 With waivers/limitations	Last FAA Medical Exam:	June 20, 2023
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	(Estimated) 53 hours (Total, all aircraft), 53 hours (Total, this make and model), 27 hours (Last 90 days, all aircraft), 13 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N3307E
Model/Series:	172N	Aircraft Category:	Airplane
Year of Manufacture:	1979	Amateur Built:	
Airworthiness Certificate:	Normal; Utility	Serial Number:	17271499
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	June 23, 2023 100 hour	Certified Max Gross Wt.:	2300 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	4059 Hrs as of last inspection	Engine Manufacturer:	LYCOMING
ELT:	C91 installed, not activated	Engine Model/Series:	0-320 SERIES
Registered Owner:	JEFFREY & WEISS HOLDINGS LLC	Rated Power:	160 Horsepower
Operator:	Pacific Air Flight School, LLC	Operating Certificate(s) Held:	None
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:	KLGB,33 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	13:53 Local	Direction from Accident Site:	146°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	6 knots /	Turbulence Type Forecast/Actual:	None /
Wind Direction:	180°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29.9 inches Hg	Temperature/Dew Point:	24°C / 15°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Long Beach, CA	Type of Flight Plan Filed:	None
Destination:	Long Beach, CA	Type of Clearance:	VFR
Departure Time:		Type of Airspace:	Class D

Airport Information

Airport:	Long Beach Airport (Daugherty Field) LGB	Runway Surface Type:	Asphalt
Airport Elevation:	60 ft msl	Runway Surface Condition:	Dry
Runway Used:	26L	IFR Approach:	None
Runway Length/Width:	6192 ft / 150 ft	VFR Approach/Landing:	Full stop;Go around;Traffic pattern

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:		Aircraft Explosion:	None
Total Injuries:	1 Minor	Latitude, Longitude:	33.81793,-118.15189(est)

Administrative Information

Investigator In Charge (IIC):	Blum, Contessa
Additional Participating Persons:	Tom Walters; Federal Aviation Administration; Long Beach, CA
Original Publish Date:	November 2, 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=192651

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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](#).