



Aviation Investigation Final Report

Location:	Chino, California	Accident Number:	GAA18CA542
Date & Time:	September 9, 2018, 12:43 Local	Registration:	N7205J
Aircraft:	Piper PA28	Aircraft Damage:	Substantial
Defining Event:	Loss of control in flight	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Instructional		

Analysis

The student pilot reported that he was performing touch-and-go landings during a solo flight in the traffic pattern. During the fifth landing, the airplane drifted over the runway's left edge. He attempted to abort the landing by increasing power, but he did not apply enough right rudder. The airplane banked hard to the left before colliding with a fence.

The airplane sustained substantial damage to both wings.

The student reported that there were no 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 failure to maintain lateral control during the aborted landing.

Findings

Personnel issues	Aircraft control - Student/instructed pilot
Aircraft	Lateral/bank control - Not attained/maintained
Environmental issues	Fence/fence post - Contributed to outcome

Factual Information

History of Flight

Landing	Loss of control in flight (Defining event)
Landing	Attempted remediation/recovery
Landing	Runway excursion
Landing	Collision with terr/obj (non-CFIT)

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:	No
Medical Certification:	Class 3 With waivers/limitations	Last FAA Medical Exam:	July 12, 2018
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	(Estimated) 45 hours (Total, all aircraft), 45 hours (Total, this make and model), 1 hours (Pilot In Command, all aircraft), 21 hours (Last 90 days, all aircraft), 8 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Piper	Registration:	N7205J
Model/Series:	PA28 140	Aircraft Category:	Airplane
Year of Manufacture:	1968	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	28-24537
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	August 30, 2018 100 hour	Certified Max Gross Wt.:	2150 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	7424 Hrs as of last inspection	Engine Manufacturer:	Lycoming
ELT:	C91 installed, not activated	Engine Model/Series:	O-320-D3G
Registered Owner:		Rated Power:	160 Horsepower
Operator:		Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	KCNO,650 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	19:30 Local	Direction from Accident Site:	49°
Lowest Cloud Condition:	Clear	Visibility	8 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29.84 inches Hg	Temperature/Dew Point:	38°C / 8°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Chino, CA (CNO)	Type of Flight Plan Filed:	None
Destination:	Chino, CA (CNO)	Type of Clearance:	None
Departure Time:	11:50 Local	Type of Airspace:	Class D

Airport Information

Airport:	Chino CNO	Runway Surface Type:	Asphalt
Airport Elevation:	650 ft msl	Runway Surface Condition:	Dry
Runway Used:	26L	IFR Approach:	None
Runway Length/Width:	7000 ft / 150 ft	VFR Approach/Landing:	Touch and go;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:	33.974723,-117.63639(est)

Administrative Information

Investigator In Charge (IIC): Hicks, Michael

Additional Participating Persons:

Original Publish Date: September 26, 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=98270>

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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](#).