



Aviation Investigation Final Report

Location:	MADRAS, Oregon	Accident Number:	GAA19CA032
Date & Time:	October 18, 2018, 15:00 Local	Registration:	N6263P
Aircraft:	Piper PA24	Aircraft Damage:	Substantial
Defining Event:	Landing gear not configured	Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot of the retractable-gear airplane reported that, during landing, at the "last second," he noticed that the landing gear were not extended. He applied full power to go around, but the airplane pitched down and impacted the runway. The airplane came to rest about 1000 ft down the runway.

The airplane sustained substantial damage to the fuselage.

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 failure to extend the landing gear, which resulted in an attempted go-around and subsequent pitchdown and impact with the runway.

Findings

Aircraft	Gear extension and retract sys - Not used/operated
Personnel issues	Forgotten action/omission - Pilot

Factual Information

History of Flight

Landing	Landing gear not configured (Defining event)
Landing	Attempted remediation/recovery
Landing	Abnormal runway contact

Pilot Information

Certificate:	Commercial	Age:	52,Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Right
Other Aircraft Rating(s):	None	Restraint Used:	Lap only
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2 Without waivers/limitations	Last FAA Medical Exam:	April 3, 2017
Occupational Pilot:	UNK	Last Flight Review or Equivalent:	September 20, 2017
Flight Time:	(Estimated) 1575 hours (Total, all aircraft), 38 hours (Total, this make and model), 1575 hours (Pilot In Command, all aircraft), 40 hours (Last 90 days, all aircraft), 38 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Piper	Registration:	N6263P
Model/Series:	PA24 250	Aircraft Category:	Airplane
Year of Manufacture:	1959	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	24-1371
Landing Gear Type:	Retractable - Tricycle	Seats:	4
Date/Type of Last Inspection:	June 1, 2018 Annual	Certified Max Gross Wt.:	2000 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	2647.19 Hrs at time of accident	Engine Manufacturer:	Lycoming
ELT:	C91 installed, not activated	Engine Model/Series:	O-540-A1D-5
Registered Owner:		Rated Power:	250 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:	KRDM,3084 ft msl	Distance from Accident Site:	25 Nautical Miles
Observation Time:	21:56 Local	Direction from Accident Site:	179°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	5 knots /	Turbulence Type Forecast/Actual:	None / None
Wind Direction:	10°	Turbulence Severity Forecast/Actual:	N/A / N/A
Altimeter Setting:	30.18 inches Hg	Temperature/Dew Point:	24°C / -5°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	MADRAS, OR (S33)	Type of Flight Plan Filed:	None
Destination:	MADRAS, OR (S33)	Type of Clearance:	None
Departure Time:	13:30 Local	Type of Airspace:	Class G

Airport Information

Airport:	MADRAS MUNICIPAL S33	Runway Surface Type:	Asphalt
Airport Elevation:	2436 ft msl	Runway Surface Condition:	Dry
Runway Used:	34	IFR Approach:	None
Runway Length/Width:	5089 ft / 75 ft	VFR Approach/Landing:	Full stop;Touch and go

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:	44.665554,-121.153335(est)

Administrative Information

Investigator In Charge (IIC):	Swenson, Eric
Additional Participating Persons:	Darren K Vaughn; FAA; Hillsboro, OR
Original Publish Date:	April 8, 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=98528

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