



National Transportation Safety Board Aviation Accident Factual Report

Location:	Marion, IA	Accident Number:	GAA17CA422
Date & Time:	07/15/2017, 1600 CDT	Registration:	N31841
Aircraft:	PIPER PA32	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

The pilot reported that, after a normal touchdown, the nose of the airplane dropped, and he added power. Subsequently, the airplane bounced, exited the runway to the right, and came to rest nose down.

The airplane sustained substantial damage to the firewall and engine mounts.

The pilot reported that there were no preaccident mechanical failures or malfunctions with the airplane that would have precluded normal operation.

Pilot Information

Certificate:	Commercial	Age:	79, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Unknown
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2 With Waivers/Limitations	Last FAA Medical Exam:	09/30/2016
Occupational Pilot:	No	Last Flight Review or Equivalent:	08/05/2016
Flight Time:	(Estimated) 1412.1 hours (Total, all aircraft), 28.3 hours (Total, this make and model), 1336.5 hours (Pilot In Command, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	PIPER	Registration:	N31841
Model/Series:	PA32 300	Aircraft Category:	Airplane
Year of Manufacture:	1978	Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	32-7840149
Landing Gear Type:	Tricycle	Seats:	6
Date/Type of Last Inspection:	06/13/2017, Annual	Certified Max Gross Wt.:	3400 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	3254.8 Hours as of last inspection	Engine Manufacturer:	Lycoming
ELT:		Engine Model/Series:	IO-540-K1G5
Registered Owner:	On file	Rated Power:	300 hp
Operator:	On file	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	KCID, 868 ft msl	Distance from Accident Site:	12 Nautical Miles
Observation Time:	2052 UTC	Direction from Accident Site:	223°
Lowest Cloud Condition:	Clear	Visibility	10 Miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	6 knots /	Turbulence Type Forecast/Actual:	/ None
Wind Direction:	200°	Turbulence Severity Forecast/Actual:	/ N/A
Altimeter Setting:	30.06 inches Hg	Temperature/Dew Point:	29° C / 23° C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	MONTEZUMA, IA (7C5)	Type of Flight Plan Filed:	None
Destination:	Marion, IA (C17)	Type of Clearance:	None
Departure Time:	1530 CDT	Type of Airspace:	Class G

Airport Information

Airport:	MARION (C17)	Runway Surface Type:	Asphalt
Airport Elevation:	862 ft	Runway Surface Condition:	Dry
Runway Used:	17	IFR Approach:	None
Runway Length/Width:	3775 ft / 100 ft	VFR Approach/Landing:	Full Stop; Traffic Pattern

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:	42.031111, -91.531944 (est)

Administrative Information

Investigator In Charge (IIC):	Eric A Swenson
Additional Participating Persons:	Michael Newhall; FAA; Des Moines, IA
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=95620