



National Transportation Safety Board Aviation Accident Final Report

Location:	Benton Harbor, MI	Accident Number:	CEN14CA041
Date & Time:	10/02/2013, 1518 EDT	Registration:	N8084W
Aircraft:	PIPER PA 28-180	Aircraft Damage:	Substantial
Defining Event:	Ground collision	Injuries:	1 Minor, 1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

During the engine start, the pilot had applied full throttle. After the engine start, the pilot lost control of the airplane, and the airplane impacted a hangar at the airport. A ground worker sustained minor injuries during the collision. The pilot reported that the accident was due to pilot error, and the airplane had no mechanical issues.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's failure to maintain aircraft control during engine start.

Findings

Personnel issues	Aircraft control - Pilot (Cause)
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Factual Information

History of Flight

Standing-engine(s) start-up Ground collision (Defining event)

Pilot Information

Certificate:	Private	Age:	72
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 With Waivers/Limitations	Last Medical Exam:	05/21/2013
Occupational Pilot:	No	Last Flight Review or Equivalent:	08/11/2012
Flight Time:	(Estimated) 350 hours (Total, all aircraft), 100 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	PIPER	Registration:	N8084W
Model/Series:	PA 28-180 180	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	28-2174
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	Unknown	Certified Max Gross Wt.:	
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	LYCOMING
ELT:	Installed, not activated	Engine Model/Series:	O&VO-360 SER
Registered Owner:	8084W LLC	Rated Power:	0 hp
Operator:	On file	Air Carrier Operating Certificate:	None

Meteorological Information and Flight Plan

Observation Facility, Elevation:		Observation Time:	
Distance from Accident Site:		Condition of Light:	Day
Direction from Accident Site:		Conditions at Accident Site:	Visual Conditions
Lowest Cloud Condition:		Temperature/Dew Point:	
Lowest Ceiling:		Visibility	
Wind Speed/Gusts, Direction:		Visibility (RVR):	
Altimeter Setting:		Visibility (RVV):	
Precipitation and Obscuration:	No Precipitation		
Departure Point:	Benton Harbor, MI (BEH)	Type of Flight Plan Filed:	None
Destination:	Benton Harbor, MI (BEH)	Type of Clearance:	None
Departure Time:	1518 EDT	Type of Airspace:	

Airport Information

Airport:	Southwest Michigan Regional (BEH)	Runway Surface Type:	N/A
Airport Elevation:	649 ft	Runway Surface Condition:	Unknown
Runway Used:	N/A	IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	1 Minor	Aircraft Explosion:	None
Total Injuries:	1 Minor, 1 None		

Administrative Information

Investigator In Charge (IIC):	Aaron M Sauer	Adopted Date:	02/03/2014
Additional Participating Persons:			
Publish Date:	02/03/2014		
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=88390		

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.

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