



National Transportation Safety Board Aviation Accident Factual Report

Location:	Cumberland, MD	Accident Number:	ERA20CA209
Date & Time:	06/07/2020, 1330 EDT	Registration:	N2470D
Aircraft:	Piper PA38	Aircraft Damage:	Substantial
Defining Event:	Loss of control in flight	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

The pilot reported that after a stabilized approach to land, during the touchdown a gust of wind caused the left wing to raise and go "vertical" or "knife edge." He immediately applied full power to go-around, however, the airplane was banking and drifting to the right and before the airplane could climb, it impacted terrain to the right of the runway and skidded down a ravine. The left and right wings sustained substantial damage. The pilot reported that there were no preimpact mechanical failures or malfunctions with the airplane.

About the time of the accident the weather observation at the airport included wind from a heading of 320° at 9 knots, gusting to 18 knots. The calculated crosswind component for the landing on runway 5 was 14 knots.

Pilot Information

Certificate:	Private	Age:	39, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	Yes
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Without Waivers/Limitations	Last FAA Medical Exam:	01/27/2017
Occupational Pilot:	No	Last Flight Review or Equivalent:	10/26/2019
Flight Time:	380.5 hours (Total, all aircraft), 80.3 hours (Total, this make and model), 286.9 hours (Pilot In Command, all aircraft), 16 hours (Last 90 days, all aircraft), 7 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Piper	Registration:	N2470D
Model/Series:	PA38 112	Aircraft Category:	Airplane
Year of Manufacture:	1978	Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	38-79A0325
Landing Gear Type:	Tricycle	Seats:	2
Date/Type of Last Inspection:	01/13/2020, Annual	Certified Max Gross Wt.:	1670 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	8054 Hours at time of accident	Engine Manufacturer:	Lycoming
ELT:	Installed	Engine Model/Series:	O-235
Registered Owner:	TOMAHAWK FLYERS LLC.	Rated Power:	112 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:	CBE, 775 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	1335 EDT	Direction from Accident Site:	0°
Lowest Cloud Condition:	Clear	Visibility	10 Miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	9 knots / 18 knots	Turbulence Type Forecast/Actual:	Terrain-Induced / Terrain-Induced
Wind Direction:	320°	Turbulence Severity Forecast/Actual:	N/A / Light
Altimeter Setting:	30.06 inches Hg	Temperature/Dew Point:	
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Manassas, VA (HEF)	Type of Flight Plan Filed:	None
Destination:	Cumberland, MD (CBE)	Type of Clearance:	None
Departure Time:	1245 EDT	Type of Airspace:	Class G

Airport Information

Airport:	Greater Cumberland Rgnl (CBE)	Runway Surface Type:	Asphalt
Airport Elevation:	775 ft	Runway Surface Condition:	Dry
Runway Used:	05	IFR Approach:	None
Runway Length/Width:	5047 ft / 150 ft	VFR Approach/Landing:	Go Around; Traffic Pattern

Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	39.613889, -78.756944 (est)

Administrative Information

Investigator In Charge (IIC):	Adam M Gerhardt
Additional Participating Persons:	David Sabastiani; FAA/ FSDO; Baltimore, MD
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=101400