



National Transportation Safety Board Aviation Accident Factual Report

Location:	Burlington, NC	Accident Number:	GAA17CA140
Date & Time:	02/16/2017, 0955 EST	Registration:	N381MG
Aircraft:	CESSNA 172	Aircraft Damage:	Substantial
Defining Event:	Loss of control in flight	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

The pilot reported that during landing in a gusting crosswind, following the main wheels touching down, and as the nose wheel was about to touch down, the airplane "abruptly lifted into the air." He immediately added full power to go-around, but the airplane drifted to the left off the runway surface and impacted an embankment.

The left wing sustained substantial damage.

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

The automated weather observing station at the accident airport, about the time of the accident, recorded wind 270° at 16 knots, gusting to 31 knots. A peak wind of 260° at 31 knots was recorded about 5 minutes before the accident. The airplane landed on runway 24.

Pilot Information

Certificate:	Private	Age:	39, Male
Airplane Rating(s):	Single-engine Land	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 2 With Waivers/Limitations	Last FAA Medical Exam:	11/16/2013
Occupational Pilot:	No	Last Flight Review or Equivalent:	01/12/2017
Flight Time:	(Estimated) 159.6 hours (Total, all aircraft), 68.3 hours (Total, this make and model), 121.8 hours (Pilot In Command, all aircraft), 27.9 hours (Last 90 days, all aircraft), 23.6 hours (Last 30 days, all aircraft), 0.7 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N381MG
Model/Series:	172 M	Aircraft Category:	Airplane
Year of Manufacture:	1975	Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	17265873
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	03/24/2016, Annual	Certified Max Gross Wt.:	2300 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	3955.4 Hours at time of accident	Engine Manufacturer:	LYCOMING
ELT:	C126 installed, not activated	Engine Model/Series:	O-320-E2D
Registered Owner:	MISSIONARY AIR GROUP INC.	Rated Power:	160 hp
Operator:	MISSIONARY AIR GROUP INC.	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	KBUY, 616 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	1454 UTC	Direction from Accident Site:	0°
Lowest Cloud Condition:	Few / 7000 ft agl	Visibility	10 Miles
Lowest Ceiling:		Visibility (RVR):	
Wind Speed/Gusts:	16 knots / 31 knots	Turbulence Type Forecast/Actual:	/ None
Wind Direction:	270°	Turbulence Severity Forecast/Actual:	/ N/A
Altimeter Setting:	29.88 inches Hg	Temperature/Dew Point:	6°C / -11°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Burlington, NC (BUY)	Type of Flight Plan Filed:	None
Destination:	Burlington, NC (BUY)	Type of Clearance:	None
Departure Time:	0920 EST	Type of Airspace:	Class G

Airport Information

Airport:	BURLINGTON-ALAMANCE RGNL (BUY)	Runway Surface Type:	Asphalt
Airport Elevation:	616 ft	Runway Surface Condition:	Dry
Runway Used:	24	IFR Approach:	None
Runway Length/Width:	6405 ft / 100 ft	VFR Approach/Landing:	Go Around; Traffic Pattern

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	36.049722, -79.473056 (est)

Administrative Information

Investigator In Charge (IIC):	Adam M Gerhardt
Additional Participating Persons:	Robert Doriski; FAA/ FSDO; Greensboro, NC
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=94726