



Aviation Investigation Final Report

Location:	WAUKEGAN, Illinois	Accident Number:	GAA18CA354
Date & Time:	June 15, 2018, 13:40 Local	Registration:	N52107
Aircraft:	Boeing B75	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The flight instructor reported that, during an instructional flight, the radio and intercom failed. The instructor returned to the airport and received a green light from the tower air traffic controller to land. During touchdown, the airplane "ballooned," touched down again, and then veered right and ground looped.

The airplane sustained substantial damage to the left wing.

The instructor 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 flight instructor's improper landing flare, which resulted in a bounced landing and subsequent loss of directional control.

Findings

Aircraft	Pitch control - Not attained/maintained
Aircraft	Airspeed - Not attained/maintained
Aircraft	Directional control - Not attained/maintained
Personnel issues	Aircraft control - Pilot

Factual Information

History of Flight

Landing	Loss of control on ground (Defining event)
Landing	Abnormal runway contact

Pilot Information

Certificate:	Airline transport; Commercial; Flight instructor	Age:	64,Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Unknown
Other Aircraft Rating(s):	Helicopter	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	Airplane single-engine	Toxicology Performed:	No
Medical Certification:	Class 2 With waivers/limitations	Last FAA Medical Exam:	August 1, 2016
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	
Flight Time:	(Estimated) 7580 hours (Total, all aircraft), 180 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Make:	Boeing	Registration:	N52107
Model/Series:	B75 N1	Aircraft Category:	Airplane
Year of Manufacture:	1941	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	75-4924
Landing Gear Type:	Tricycle	Seats:	2
Date/Type of Last Inspection:		Certified Max Gross Wt.:	
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	Continental Motors
ELT:		Engine Model/Series:	W670
Registered Owner:		Rated Power:	
Operator:		Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	KUGN,727 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	18:55 Local	Direction from Accident Site:	174°
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:	160°	Turbulence Severity Forecast/Actual:	N/A / N/A
Altimeter Setting:	29.97 inches Hg	Temperature/Dew Point:	26°C / 16°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	WAUKEGAN, IL (UGN)	Type of Flight Plan Filed:	Unknown
Destination:	WAUKEGAN, IL (UGN)	Type of Clearance:	Unknown
Departure Time:		Type of Airspace:	Class D

Airport Information

Airport:	WAUKEGAN NATIONAL UGN	Runway Surface Type:	Asphalt
Airport Elevation:	727 ft msl	Runway Surface Condition:	Unknown
Runway Used:	23	IFR Approach:	None
Runway Length/Width:	6000 ft / 150 ft	VFR Approach/Landing:	Full stop

Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	42.422222,-87.867774(est)

Administrative Information

Investigator In Charge (IIC):	Nepomuceno, Eleazar
Additional Participating Persons:	Edward Dabrowski; FAA; Des Plaines, IL
Original Publish Date:	March 18, 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=97507

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.

The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).