



Aviation Investigation Final Report

Location:	Oshkosh, Wisconsin	Accident Number:	CEN22LA332
Date & Time:	July 24, 2022, 14:20 Local	Registration:	N3946K
Aircraft:	Cessna L-19E	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	1 Minor
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported that during the first approach to runway 36R, the preceding airplane struggled with the wind, so the pilot aborted the approach and reentered the pattern for another attempt. During the second attempt, he utilized a technique that required flaps extended 10°, left wing down, and right rudder. The left main landing gear touched down first followed by the tailwheel as the pilot used full left aileron to counter the left crosswind. During the landing roll the airplane slid to the right and departed the runway. The airplane impacted a ditch and the main landing gear collapsed, which resulted in substantial damage to the right wing and fuselage. The pilot reported that there were no preaccident mechanical failures or malfunctions with the airplane that would have precluded normal operation. At the time of the accident the wind was from 300° at 17 knots with gusts to 27 knots.

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 directional control during the landing roll with a gusty crosswind.

Findings

Personnel issues	Aircraft control - Pilot
Aircraft	Directional control - Not attained/maintained
Environmental issues	Crosswind - Effect on operation

Factual Information

History of Flight

Landing-flare/touchdown	Other weather encounter
Landing-flare/touchdown	Loss of control on ground (Defining event)
Landing-landing roll	Attempted remediation/recovery
Landing-landing roll	Runway excursion

Pilot Information

Certificate:	Private	Age:	49, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Front
Other Aircraft Rating(s):	None	Restraint Used:	4-point
Instrument Rating(s):	None	Second Pilot Present:	
Instructor Rating(s):	None	Toxicology Performed:	
Medical Certification:	Class 3 Without waivers/limitations	Last FAA Medical Exam:	March 1, 2021
Occupational Pilot:	No	Last Flight Review or Equivalent:	March 1, 2022
Flight Time:	7800 hours (Total, all aircraft), 365 hours (Total, this make and model), 7700 hours (Pilot In Command, all aircraft), 35 hours (Last 90 days, all aircraft), 15 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N3946K
Model/Series:	L-19E	Aircraft Category:	Airplane
Year of Manufacture:	1962	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	24716
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	February 8, 2022 Annual	Certified Max Gross Wt.:	2800 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	5117 Hrs at time of accident	Engine Manufacturer:	Continental
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	O-470-15
Registered Owner:	On file	Rated Power:	
Operator:	On file	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	KOSH, 785 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	14:25 Local	Direction from Accident Site:	328°
Lowest Cloud Condition:	Clear	Visibility	0.5 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	17 knots / 27 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	300°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29.83 inches Hg	Temperature/Dew Point:	27°C / 15°C
Precipitation and Obscuration:	Moderate - None - Haze		
Departure Point:	Dekalb, IL (KDKB)	Type of Flight Plan Filed:	None
Destination:	Oshkosh, WI	Type of Clearance:	None
Departure Time:	12:40 Local	Type of Airspace:	Class D

Airport Information

Airport:	WITTMAN RGNL OSH	Runway Surface Type:	Concrete
Airport Elevation:	808 ft msl	Runway Surface Condition:	Dry
Runway Used:	36R	IFR Approach:	None
Runway Length/Width:	6300 ft / 50 ft	VFR Approach/Landing:	Full stop

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:		Aircraft Explosion:	None
Total Injuries:	1 Minor	Latitude, Longitude:	43.98,-88.55

Administrative Information

Investigator In Charge (IIC): Rodi, Jennifer

Additional Participating Persons: Timothy Spreen; FAA FSDO; WI

Original Publish Date: December 2, 2022

Last Revision Date:

Investigation Class: [Class 4](#)

Note:

Investigation Docket: <https://data.ntsb.gov/Docket?ProjectID=105559>

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