



AVIATION



HIGHWAY



MARINE



RAILROAD



PIPELINE

# Aviation Investigation Final Report

<b>Location:</b>	Alexandria, Louisiana	<b>Accident Number:</b>	CEN24LA126
<b>Date &amp; Time:</b>	February 28, 2024, 15:52 Local	<b>Registration:</b>	N7770K
<b>Aircraft:</b>	Cessna 180	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Loss of control on ground	<b>Injuries:</b>	2 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

The pilot encountered a gust of wind about halfway through his landing roll. He was unable to counter the gust with full aileron and rudder deflections, which resulted in a loss on control and ground loop. The airplane sustained substantial damage to the right wing, right horizontal stabilizer, and right elevator. 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 pilot was landing the airplane on runway 9 with wind from 020° at 12 knots with gusts to 22 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 gusting crosswind.

## Findings

<b>Personnel issues</b>	Aircraft control - Pilot
<b>Environmental issues</b>	Gusts - Ability to respond/compensate
<b>Aircraft</b>	Directional control - Not attained/maintained

## Factual Information

### History of Flight

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

### Pilot Information

Certificate:	Private	Age:	73,Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Unknown
Instrument Rating(s):	Airplane	Second Pilot Present:	
Instructor Rating(s):	None	Toxicology Performed:	
Medical Certification:	Class 3 With waivers/limitations	Last FAA Medical Exam:	December 12, 2023
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	1790 hours (Total, all aircraft), 360 hours (Total, this make and model)		

### Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N7770K
Model/Series:	180 J	Aircraft Category:	Airplane
Year of Manufacture:	1976	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	18052726
Landing Gear Type:	Tailwheel	Seats:	6
Date/Type of Last Inspection:	January 13, 2024 Annual	Certified Max Gross Wt.:	3190 lbs
Time Since Last Inspection:	29.7 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	2333.7 Hrs at time of accident	Engine Manufacturer:	CONT MOTOR
ELT:	C126 installed, not activated	Engine Model/Series:	O-470 SERIES
Registered Owner:	On file	Rated Power:	230 Horsepower
Operator:	On file	Operating Certificate(s) Held:	None

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	KESF, 112 ft msl	<b>Distance from Accident Site:</b>	1 Nautical Miles
<b>Observation Time:</b>	15:53 Local	<b>Direction from Accident Site:</b>	0°
<b>Lowest Cloud Condition:</b>	Clear	<b>Visibility</b>	10 miles
<b>Lowest Ceiling:</b>	None	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	12 knots / 22 knots	<b>Turbulence Type Forecast/Actual:</b>	None / None
<b>Wind Direction:</b>	20°	<b>Turbulence Severity Forecast/Actual:</b>	N/A / N/A
<b>Altimeter Setting:</b>	30.18 inches Hg	<b>Temperature/Dew Point:</b>	17°C / 1°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	Dauphin Island, LA (4R9)	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	Pineville, LA (ESF)	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	13:48 Local	<b>Type of Airspace:</b>	Class E

## Airport Information

<b>Airport:</b>	ESLER RGNL ESF	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	111 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	09/27	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	5998 ft / 150 ft	<b>VFR Approach/Landing:</b>	Full stop; Traffic pattern

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	1 None	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	2 None	<b>Latitude, Longitude:</b>	31.394904, -92.295773 (est)

## Administrative Information

Investigator In Charge (IIC):	Miller, Bradley
Additional Participating Persons:	Myron Billiot; FAA; Baton Rouge, LA
Original Publish Date:	April 12, 2024
Last Revision Date:	
Investigation Class:	<a href="#">Class 4</a>
Note:	The NTSB did not travel to the scene of this accident.
Investigation Docket:	<a href="https://data.nts.gov/Docket?ProjectID=193875">https://data.nts.gov/Docket?ProjectID=193875</a>

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