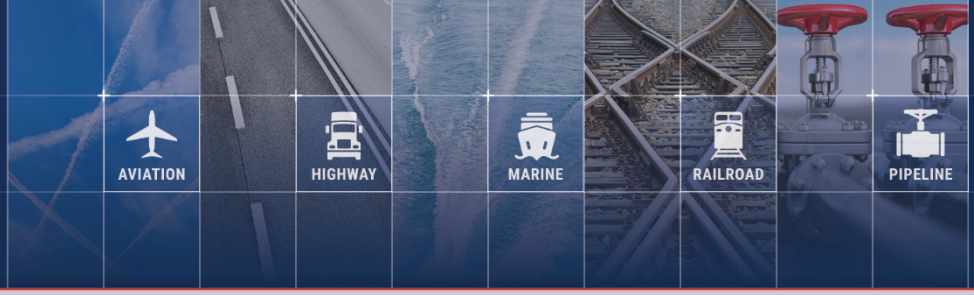

Aviation Investigation Final Report

Location:	Carrabassett, Maine	**Accident Number:**	ERA24LA177
Date & Time:	April 8, 2024, 11:19 Local	**Registration:**	N6465P
Aircraft:	Piper PA-24-250	**Aircraft Damage:**	Substantial
Defining Event:	Collision with terr/obj (non-CFIT)	**Injuries:**	4 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The private pilot was attempting to land in gusty wind conditions in mountainous terrain. On short final approach, the airplane entered a rapid descent. The pilot attempted to go-around by applying full power. The airplane continued to descend and touched down short of the runway, after which the landing gear collapsed. The airplane traveled about 150 ft down the runway before coming to a stop resulting in substantial damage to the lower fuselage structure. The pilot reported that there were no preimpact mechanical malfunctions or failures of 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 pilot's failure to attain a proper touchdown point while landing in gusty wind conditions.

Findings

Aircraft	Descent/approach/glide path - Not attained/maintained
Personnel issues	Aircraft control - Pilot
Environmental issues	Gusts - Effect on operation

Factual Information

History of Flight

Approach-VFR go-around	Collision with terr/obj (non-CFIT) (Defining event)

Pilot Information

Certificate:	Private	**Age:**	59,Male
Airplane Rating(s):	Single-engine land	**Seat Occupied:**	Left
Other Aircraft Rating(s):	None	**Restraint Used:**	3-point
Instrument Rating(s):	Airplane	**Second Pilot Present:**	No
Instructor Rating(s):	None	**Toxicology Performed:**	
Medical Certification:	Class 2 With waivers/limitations	**Last FAA Medical Exam:**	August 14, 2023
Occupational Pilot:	No	**Last Flight Review or Equivalent:**	March 31, 2024
Flight Time:	1151 hours (Total, all aircraft), 720 hours (Total, this make and model), 1030 hours (Pilot In Command, all aircraft), 5 hours (Last 90 days, all aircraft), 3 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Piper	**Registration:**	N6465P
Model/Series:	PA-24-250	**Aircraft Category:**	Airplane
Year of Manufacture:	1959	**Amateur Built:**	
Airworthiness Certificate:	Normal	**Serial Number:**	24-1580
Landing Gear Type:	Retractable - Tricycle	**Seats:**	4
Date/Type of Last Inspection:	August 19, 2023 Annual	**Certified Max Gross Wt.:**	3000 lbs
Time Since Last Inspection:	11.3 Hrs	**Engines:**	1 Reciprocating
Airframe Total Time:	7051.9 Hrs at time of accident	**Engine Manufacturer:**	Lycoming
ELT:	C126 installed, not activated	**Engine Model/Series:**	O-540-A1D5
Registered Owner:	SIX FIVE PAPA INC	**Rated Power:**	250 Horsepower
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:	B21	**Distance from Accident Site:**	0 Nautical Miles
Observation Time:	11:10 Local	**Direction from Accident Site:**	0°
Lowest Cloud Condition:	Clear	**Visibility**	6 miles
Lowest Ceiling:	None	**Visibility (RVR):**	
Wind Speed/Gusts:	7 knots / 15 knots	**Turbulence Type Forecast/Actual:**	/
Wind Direction:	350°	**Turbulence Severity Forecast/Actual:**	/
Altimeter Setting:	30 inches Hg	**Temperature/Dew Point:**	
Precipitation and Obscuration:			
Departure Point:	Nashua, NH (KASH)	**Type of Flight Plan Filed:**	None
Destination:	Carrabassett , ME	**Type of Clearance:**	VFR flight following
Departure Time:	10:01 Local	**Type of Airspace:**	Class E

Airport Information

Airport:	SUGARLOAF RGNL B21	**Runway Surface Type:**	Asphalt
Airport Elevation:	880 ft msl	**Runway Surface Condition:**	Dry
Runway Used:	17/35	**IFR Approach:**	None
Runway Length/Width:	2797 ft / 75 ft	**VFR Approach/Landing:**	Go around;Straight-in

Wreckage and Impact Information

Crew Injuries:	1 None	**Aircraft Damage:**	Substantial
Passenger Injuries:	3 None	**Aircraft Fire:**	None
Ground Injuries:		**Aircraft Explosion:**	None
Total Injuries:	4 None	**Latitude, Longitude:**	45.08532,-70.216323

Administrative Information

Investigator In Charge (IIC):	Read, Leah
Additional Participating Persons:	Matthew Hall; FAA/FSDO; POrtland, ME
Original Publish Date:	May 29, 2024
Last Revision Date:	
Investigation Class:	Class 4
Note:	The NTSB did not travel to the scene of this accident.
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=194083