



Aviation Investigation Final Report

Location:	Gold Beach, Oregon	Accident Number:	GAA16CA122
Date & Time:	February 8, 2016, 11:00 Local	Registration:	N6951E
Aircraft:	Cessna 175	Aircraft Damage:	Substantial
Defining Event:	Landing area undershoot	Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

According to the pilot, during approach, the airplane encountered a wind gust and the landing gear struck the top of the airport's perimeter fence. The airplane flipped over and slid to a stop. According to the airport facility directory the fence was in excess of 200 feet from the approach end of the runway which was 3,237 feet in length. The airplane sustained substantial damage to both wings, the rudder and the vertical stabilizer.

The pilot reported that there were no mechanical failures or anomalies with the airplane prior to or during the flight that would have prevented normal flight operation.

There weren't any wind reporting facilities at the airport.

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 an approach angle of descent to avoid obstacles, resulting in the airplane striking the airport perimeter fence.

Findings

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

Factual Information

History of Flight

Approach	Other weather encounter
Landing	Landing area undershoot (Defining event)
Approach	Collision with terr/obj (non-CFIT)

Pilot Information

Certificate:	Commercial	Age:	76, Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Lap only
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 With waivers/limitations	Last FAA Medical Exam:	September 15, 2015
Occupational Pilot:	No	Last Flight Review or Equivalent:	February 16, 2015
Flight Time:	(Estimated) 1304 hours (Total, all aircraft), 18.7 hours (Total, this make and model), 1304 hours (Pilot In Command, all aircraft), 7.6 hours (Last 90 days, all aircraft), 3.9 hours (Last 30 days, all aircraft), 1.5 hours (Last 24 hours, all aircraft)		

Passenger Information

Certificate:		Age:	
Airplane Rating(s):		Seat Occupied:	Right
Other Aircraft Rating(s):		Restraint Used:	Lap only
Instrument Rating(s):		Second Pilot Present:	No
Instructor Rating(s):		Toxicology Performed:	No
Medical Certification:		Last FAA Medical Exam:	
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:			

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N6951E
Model/Series:	175 A	Aircraft Category:	Airplane
Year of Manufacture:	1960	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	56451
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	February 20, 2016 Annual	Certified Max Gross Wt.:	2348 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	2005.47 Hrs at time of accident	Engine Manufacturer:	Continental Motor Company
ELT:	C91A installed, activated, did not aid in locating accident	Engine Model/Series:	GO-300
Registered Owner:	Daniel R. Harrison	Rated Power:	175 Horsepower
Operator:	Daniel R. Harrison	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	KBOK,462 ft msl	Distance from Accident Site:	22 Nautical Miles
Observation Time:	18:56 Local	Direction from Accident Site:	360°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	3 knots /	Turbulence Type Forecast/Actual:	/ None
Wind Direction:	310°	Turbulence Severity Forecast/Actual:	/ N/A
Altimeter Setting:	30.2 inches Hg	Temperature/Dew Point:	22°C / 9°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	CRESCENT CITY, CA (CEC)	Type of Flight Plan Filed:	None
Destination:	Gold Beach, OR (4S1)	Type of Clearance:	None
Departure Time:	10:30 Local	Type of Airspace:	Military operation area;Class E

Airport Information

Airport:	GOLD BEACH MUNI 4S1	Runway Surface Type:	Asphalt
Airport Elevation:	20 ft msl	Runway Surface Condition:	Dry
Runway Used:	16	IFR Approach:	None
Runway Length/Width:	3237 ft / 75 ft	VFR Approach/Landing:	Full stop;Traffic pattern

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	42.415279,-124.425003(est)

Administrative Information

Investigator In Charge (IIC):	Hicks, Michael
Additional Participating Persons:	Tom Leonetti; Federal Aviation Administration; Gold Beach, OR
Original Publish Date:	May 3, 2016
Last Revision Date:	
Investigation Class:	Class
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=92695

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