



Aviation Investigation Final Report

Location:	Ocala, Florida	Accident Number:	NYC08CA166
Date & Time:	April 12, 2008, 12:30 Local	Registration:	N127DH
Aircraft:	Wim J Huisman Velocity 173 Fixed	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

After landing on runway 18, the airplane rolled out for a few feet when the right wing "abruptly raised." The pilot tried to correct with right aileron input and applied full power to execute a go-around. The airplane went off the side of the runway and all three landing gear wheels were still on the ground. The pilot elected to continue the go-around and the airplane continued to roll along the ground as the pilot waited for it to reach the rotation speed of 65 knots. He did not however, see a drainage gully. The nose gear impacted the gully, the main landing gear impacted a second gully and was sheared off, and the airplane came to rest in a grassy area on the airport surface. The airplane was substantially damaged having received damage to its nose, canard, fuselage, landing gear, propeller, flight control surfaces, and wings. Runway 18 was 7,550 feet long, 210 feet wide, and consisted of asphalt. The reported wind at an airport located approximately 8 miles southwest of the accident site, about the time of the accident, was from 230 degrees at 13 knots, gusting to 19 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. Contributing to the accident was the wind gusts.

Findings

Environmental issues	Gusts - Not specified
Aircraft	Directional control - Not attained/maintained
Environmental issues	(general) - Not specified

Factual Information

History of Flight

Landing	Loss of control on ground (Defining event)
Landing	Collision with terr/obj (non-CFIT)

Pilot Information

Certificate:	Private	Age:	55, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
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:	June 1, 2007
Occupational Pilot:	No	Last Flight Review or Equivalent:	August 1, 2006
Flight Time:	674 hours (Total, all aircraft), 40 hours (Total, this make and model), 572 hours (Pilot In Command, all aircraft), 7 hours (Last 90 days, all aircraft), 2 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Wim J Huisman	Registration:	N127DH
Model/Series:	Velocity 173 Fixed	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	Yes
Airworthiness Certificate:	Experimental (Special)	Serial Number:	DMO 291
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	July 1, 2007 Condition	Certified Max Gross Wt.:	2400 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	937 Hrs as of last inspection	Engine Manufacturer:	Lycoming
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	IO-360 C1D6
Registered Owner:	On file	Rated Power:	200 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:	OCF,89 ft msl	Distance from Accident Site:	8 Nautical Miles
Observation Time:	12:35 Local	Direction from Accident Site:	225°
Lowest Cloud Condition:	Few / 4200 ft AGL	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	13 knots / 19 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	230°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29.96 inches Hg	Temperature/Dew Point:	29°C / 17°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Williston, FL (X60)	Type of Flight Plan Filed:	None
Destination:	Ocala, FL (17FL)	Type of Clearance:	None
Departure Time:	11:30 Local	Type of Airspace:	

Airport Information

Airport:	Greystone Airport 17FL	Runway Surface Type:	Asphalt
Airport Elevation:	100 ft msl	Runway Surface Condition:	Holes
Runway Used:	18	IFR Approach:	None
Runway Length/Width:	7550 ft / 210 ft	VFR Approach/Landing:	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:	29.280277,-82.124725

Administrative Information

Investigator In Charge (IIC): Gunther, Todd

Additional Participating Persons: Walter E Cole; FAA/FSDO; Tampa, FL

Original Publish Date: May 28, 2008

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=67905>

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