



Aviation Investigation Factual Report

Location:	Palmyra, Pennsylvania	Accident Number:	NYC08CA010
Date & Time:	October 8, 2007, 17:30 Local	Registration:	N6252K
Aircraft:	Cessna 150M	Aircraft Damage:	Substantial
Defining Event:		Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Instructional		

Factual Information

The certificated flight instructor (CFI) and student pilot of the Cessna 150M completed at least three touch and go circuits at another airport before returning to Reigle Field Airport (N58), Palmyra, Pennsylvania. The airplane flew the complete left hand traffic pattern. The pilots intended to make a full stop landing on runway 31, a 1,950 feet long, 40 feet wide, asphalt runway. The flaps were set to the maximum extension of 40 degrees. According to the CFI, the airspeed was "a little high" on the final approach leg. The airplane floated, touched down "hard," and then bounced back into the air. The airplane touched down a second time, exited the runway to the left, and struck a cornfield located approximately 150 feet from the runway edge. On impact with the cornfield, the nose gear collapsed and the airplane nosed over. Both pilots were uninjured, and exited through the window on the right (co-pilot) side of the airplane. The recorded weather at an airport approximately 12 miles east of the accident site, about the time of the accident, showed winds from 260 to 280 degrees, at 5 to 7 knots. The temperature was approximately 31 degrees Celsius, with a dew point of 18 degrees Celsius. The CFI had approximately 720 hours of total flight experience, and the student pilot had approximately 30 hours of total flight experience. After the accident, the CFI reported that the accident could probably have been avoided if a go around had been initiated early in the sequence.

Flight instructor Information

Certificate:	Commercial; Flight instructor	Age:	41, Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Right
Other Aircraft Rating(s):	Helicopter	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	Airplane single-engine	Toxicology Performed:	No
Medical Certification:	Class 1 With waivers/limitations	Last FAA Medical Exam:	April 1, 2007
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	May 1, 2007
Flight Time:	720 hours (Total, all aircraft), 15 hours (Total, this make and model), 526 hours (Pilot In Command, all aircraft), 30 hours (Last 90 days, all aircraft), 15 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Student pilot Information

Certificate:	Student	Age:	25, Male
Airplane Rating(s):	None	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	Yes
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 With waivers/limitations	Last FAA Medical Exam:	April 1, 2007
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	30 hours (Total, all aircraft), 2 hours (Last 90 days, all aircraft), 2 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N6252K
Model/Series:	150M	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal; Utility	Serial Number:	15077609
Landing Gear Type:	Tricycle	Seats:	2
Date/Type of Last Inspection:	April 1, 2007 100 hour	Certified Max Gross Wt.:	1600 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	3038 Hrs at time of accident	Engine Manufacturer:	Continental
ELT:	Installed, not activated	Engine Model/Series:	O-200
Registered Owner:	Reigle Aviation	Rated Power:	100 Horsepower
Operator:	Reigle Aviation	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	cxy,347 ft msl	Distance from Accident Site:	12 Nautical Miles
Observation Time:	17:56 Local	Direction from Accident Site:	270°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	5 knots / None	Turbulence Type Forecast/Actual:	/
Wind Direction:	280°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29.87 inches Hg	Temperature/Dew Point:	30°C / 18°C
Precipitation and Obscuration:			
Departure Point:	Myerstown , PA (9D4)	Type of Flight Plan Filed:	None
Destination:	Palmyra, PA (58N)	Type of Clearance:	None
Departure Time:		Type of Airspace:	

Airport Information

Airport:	Reigle Airport 58N	Runway Surface Type:	Asphalt
Airport Elevation:		Runway Surface Condition:	Dry
Runway Used:	31	IFR Approach:	None
Runway Length/Width:	1950 ft / 40 ft	VFR Approach/Landing:	Traffic pattern

Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	40.290832,-76.584724

Administrative Information

Investigator In Charge (IIC):	Huhn, Michael
Additional Participating Persons:	Ron Forsyth; FAA/FSDO; Harrisburg, PA
Report Date:	March 5, 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=66864

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