



# National Transportation Safety Board Aviation Accident Final Report

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<b>Location:</b>	St. Johns, MI	<b>Accident Number:</b>	CEN11CA003
<b>Date &amp; Time:</b>	10/01/2010, 1016 EDT	<b>Registration:</b>	N3051L
<b>Aircraft:</b>	CESSNA 310J	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Collision with terr/obj (non-CFIT)	<b>Injuries:</b>	2 Minor
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

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## Analysis

The pilot reported that the flight was normal and he maneuvered the multi-engine airplane onto the final approach leg of the traffic pattern. The airplane yawed slightly to the right and the pilot attempted a go-around at about 100 feet above ground level. He noted that there was a lack of engine power from the right engine. The pilot arrested the descent with power from the left engine, but the airplane impacted terrain adjacent to the runway. A postaccident examination of the right engine was limited to verifying engine compression, which was confirmed to be normal.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The failure by the pilot to attain/maintain a climb rate for undetermined reasons during a go-around.

## Findings

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<b>Aircraft</b>	Climb rate - Attain/maintain not possible (Cause)
<b>Not determined</b>	Not determined - Unknown/Not determined (Cause)

## Factual Information

### History of Flight

Approach-VFR go-around	Loss of engine power (partial)
Uncontrolled descent	Collision with terr/obj (non-CFIT) (Defining event)

### Pilot Information

Certificate:	Private	Age:	37, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Without Waivers/Limitations	Last Medical Exam:	12/14/2007
Occupational Pilot:	No	Last Flight Review or Equivalent:	09/23/2010
Flight Time:	999 hours (Total, all aircraft), 19 hours (Total, this make and model), 943 hours (Pilot In Command, all aircraft), 70 hours (Last 90 days, all aircraft), 45 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

Aircraft Manufacturer:	CESSNA	Registration:	N3051L
Model/Series:	310J	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	310J0051
Landing Gear Type:	Retractable - Tricycle	Seats:	6
Date/Type of Last Inspection:	08/19/2010, Annual	Certified Max Gross Wt.:	5100 lbs
Time Since Last Inspection:		Engines:	2 Reciprocating
Airframe Total Time:	8419 Hours	Engine Manufacturer:	Continental
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	IO-470-U
Registered Owner:	Pilot	Rated Power:	260 hp
Operator:	Pilot	Air Carrier Operating Certificate:	None

## Meteorological Information and Flight Plan

Observation Facility, Elevation:	ALM, 717 ft msl	Observation Time:	1035 EDT
Distance from Accident Site:	16 Nautical Miles	Condition of Light:	Day
Direction from Accident Site:	90°	Conditions at Accident Site:	Visual Conditions
Lowest Cloud Condition:	Clear	Temperature/Dew Point:	14°C / 8°C
Lowest Ceiling:	None	Visibility	10 Miles
Wind Speed/Gusts, Direction:	3 knots, 280°	Visibility (RVR):	
Altimeter Setting:	30.07 inches Hg	Visibility (RVV):	
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Hillsdale, MI (JYM)	Type of Flight Plan Filed:	None
Destination:	St. Johns, MI (39T)	Type of Clearance:	None
Departure Time:	0945 EDT	Type of Airspace:	

## Airport Information

Airport:	Tripp Creek Airport (39T)	Runway Surface Type:	Grass/turf
Airport Elevation:	717 ft	Runway Surface Condition:	Dry
Runway Used:	27	IFR Approach:	None
Runway Length/Width:	2509 ft / 50 ft	VFR Approach/Landing:	Go Around

## Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Substantial
Passenger Injuries:	1 Minor	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 Minor		

## Administrative Information

Investigator In Charge (IIC):	Mitchell F Gallo	Adopted Date:	03/16/2011
Additional Participating Persons:	Dan Moore; Federal Aviation Administration; Grand Rapids, MI		
Publish Date:	03/16/2011		
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	<a href="http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=77488">http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=77488</a>		

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