



# National Transportation Safety Board Aviation Accident Final Report

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<b>Location:</b>	Yuma, AZ	<b>Accident Number:</b>	WPR15CA073
<b>Date &amp; Time:</b>	01/01/2015, 1607 MST	<b>Registration:</b>	N2841N
<b>Aircraft:</b>	CESSNA 140	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Loss of control in flight	<b>Injuries:</b>	2 Minor
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

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## Analysis

The pilot stated that he landed at a private airstrip earlier in the day and was departing with the intention of returning to his home airstrip. Prior to departure, he noted a left crosswind of about 15 mph. The initial phase of the takeoff was normal, and when becoming airborne, the wind lifted the left wing and the airplane drifted right over the adjacent field. The field was at a lower elevation, and with the loss of ground effect, the airplane sank resulting in the tail wheel colliding with the ground. Thereafter, the main landing gear impacted an irrigation pipe and the airplane flipped over inverted. During the accident sequence the airplane sustained substantial damage to both wings.

The pilot further stated that the accident could have been prevented if they had waited for the wind to have subsided and/or performed the takeoff with the wing flaps extended.

The pilot reported that there were no preimpact mechanical malfunctions or failures with 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 compensate for crosswind conditions during takeoff, which resulted in the loss of directional control and collision with terrain.

## Findings

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<b>Aircraft</b>	Crosswind correction - Not attained/maintained (Cause)
<b>Personnel issues</b>	Aircraft control - Pilot (Cause)
<b>Environmental issues</b>	Crosswind - Effect on operation

## Factual Information

### History of Flight

Takeoff	Loss of control in flight (Defining event)
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### Pilot Information

Certificate:	Private	Age:	30
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	
Instructor Rating(s):	None	Toxicology Performed:	
Medical Certification:	Class 3 Without Waivers/Limitations	Last Medical Exam:	04/12/2012
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	94 hours (Total, all aircraft), 89 hours (Total, this make and model), 49 hours (Pilot In Command, all aircraft), 5 hours (Last 90 days, all aircraft), 3 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

Aircraft Manufacturer:	CESSNA	Registration:	N2841N
Model/Series:	140 G	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:		Serial Number:	13102
Landing Gear Type:	Tricycle	Seats:	
Date/Type of Last Inspection:	10/05/2014, Annual	Certified Max Gross Wt.:	1601 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	3315 Hours	Engine Manufacturer:	Continental
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	O200
Registered Owner:	ROVEY JAMES A	Rated Power:	hp
Operator:	ROVEY JAMES A	Air Carrier Operating Certificate:	None

## Meteorological Information and Flight Plan

Observation Facility, Elevation:		Observation Time:	
Distance from Accident Site:		Condition of Light:	Day
Direction from Accident Site:		Conditions at Accident Site:	Visual Conditions
Lowest Cloud Condition:	Clear	Temperature/Dew Point:	10° C / -9° C
Lowest Ceiling:	None	Visibility	10 Miles
Wind Speed/Gusts, Direction:	12 knots/ 17 knots	Visibility (RVR):	
Altimeter Setting:	30.01 inches Hg	Visibility (RVV):	
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	YUMA, AZ	Type of Flight Plan Filed:	None
Destination:	BUCKEYE, AZ	Type of Clearance:	None
Departure Time:		Type of Airspace:	Class G

## 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):	Maja Smith	Adopted Date:	03/10/2015
Additional Participating Persons:	Portillo Johnny		
Publish Date:	03/10/2015		
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=90556">http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=90556</a>		

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