



# National Transportation Safety Board Aviation Accident Data Summary

<b>Location:</b>	Hamlin, TX	<b>Accident Number:</b>	CEN13LA323
<b>Date &amp; Time:</b>	06/01/2013, 1030 CDT	<b>Registration:</b>	N4946X
<b>Aircraft:</b>	ROCKWELL INTERNATIONAL S-2R	<b>Injuries:</b>	1 Minor
<b>Flight Conducted Under:</b>	Part 137: Agricultural		

## Analysis

During the landing, the airplane encountered a strong, gusting right crosswind. The pilot attempted to perform a go-around; however, the airplane ground-looped. The prevailing wind resulted in a right quartering tailwind with a gusting crosswind component of 23 knots. The maximum crosswind velocity for the accident airplane was 15 miles per hour; therefore, the calculated crosswind component exceeded the capability of the airplane. The pilot should not have landed with a crosswind that exceeded the airplane's capabilities. The pilot reported no preaccident mechanical malfunctions or failures with the airplane that would have precluded normal operation.

## Flight Events

Landing-flare/touchdown - Loss of control on ground

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:  
The pilot's decision to land the airplane with a crosswind that exceeded the airplane's capabilities.

## Findings

Personnel issues-Task performance-Use of equip/info-Aircraft control-Pilot - C  
Environmental issues-Conditions/weather/phenomena-Wind-Crosswind-Effect on operation

## Pilot Information

<b>Certificate:</b>	Commercial	<b>Age:</b>	49
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Instrument Rating(s):</b>	None
<b>Other Aircraft Rating(s):</b>	None	<b>Instructor Rating(s):</b>	None
<b>Flight Time:</b>	738 hours (Total, all aircraft), 318 hours (Total, this make and model), 725 hours (Pilot In Command, all aircraft), 30 hours (Last 90 days, all aircraft), 4 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Manufacturer:</b>	ROCKWELL INTERNATIONAL	<b>Registration:</b>	N4946X
<b>Model/Series:</b>	S-2R	<b>Engines:</b>	1 Turbo Prop
<b>Operator:</b>	TRI COUNTY SPRAYERS INC	<b>Engine Manufacturer:</b>	Honeywell
<b>Air Carrier Operating Certificate:</b>	Agricultural Aircraft (137)	<b>Engine Model/Series:</b>	TPE-331-1-101
<b>Flight Conducted Under:</b>	Part 137: Agricultural		

## Meteorological Information and Flight Plan

Observation Facility, Elevation:	SWW, 2380 ft msl	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	Overcast / 5000 ft agl
Condition of Light:	Day	Wind Speed/Gusts, Direction:	23 knots/ 18 knots, 90°
Temperature:	26° C / 17° C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Hamlin, TX (14F)	Destination:	Hamlin, TX (14F)

## Airport Information

Airport:	Hamlin Municipal Airport (14F)	Runway Surface Type:	Asphalt
Runway Used:	34	Runway Surface Condition:	Dry
Runway Length/Width:	3200 ft / 50 ft		

## Wreckage and Impact Information

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

## Administrative Information

Investigator In Charge (IIC):	Stuart E Bothwell	Adopted Date:	02/10/2014
Investigation Docket:	<a href="http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=87109">http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=87109</a>		

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The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report.