



# National Transportation Safety Board Aviation Accident Data Summary

<b>Location:</b>	Salome, AZ	<b>Accident Number:</b>	WPR09CA135
<b>Date &amp; Time:</b>	03/02/2009, 0945 MST	<b>Registration:</b>	N4832
<b>Aircraft:</b>	COSMOS PHASE 2	<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

## Analysis

During a landing on a dry lake bed the aircraft encountered a rut and nosed over. The aircraft sustained substantial damage to the nose gear and the wings. The pilot reported that during the landing he did not see the rut until it was too late.

## Flight Events

Landing-landing roll - Collision with terr/obj (non-CFIT)

Landing-landing roll - Nose over/nose down

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's encounter with a rut while landing on an unimproved dry lake bed.

## Findings

Environmental issues-Physical environment-Runway/land/takeoff/taxi surfa-(general)-Ability to respond/compensate - C

## Student Pilot Information

<b>Certificate:</b>	Student	<b>Age:</b>	76
<b>Airplane Rating(s):</b>	None	<b>Instrument Rating(s):</b>	None
<b>Other Aircraft Rating(s):</b>	None	<b>Instructor Rating(s):</b>	None
<b>Flight Time:</b>	27 hours (Total, all aircraft), 27 hours (Total, this make and model)		

## Aircraft and Owner/Operator Information

<b>Aircraft Manufacturer:</b>	COSMOS	<b>Registration:</b>	N4832
<b>Model/Series:</b>	PHASE 2	<b>Engines:</b>	1 Reciprocating
<b>Operator:</b>	On file	<b>Engine Manufacturer:</b>	ROTAX
<b>Air Carrier Operating Certificate:</b>	None	<b>Engine Model/Series:</b>	582UL
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

## Meteorological Information and Flight Plan

<b>Observation Facility, Elevation:</b>	BLH, 399 ft msl	<b>Weather Information Source:</b>	Weather Observation Facility
<b>Conditions at Accident Site:</b>	Visual Conditions	<b>Lowest Ceiling:</b>	None
<b>Condition of Light:</b>	Day	<b>Wind Speed/Gusts, Direction:</b>	Calm
<b>Temperature:</b>	21°C / 1°C	<b>Visibility</b>	10 Miles
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	Salome, AZ	<b>Destination:</b>	Salome, AZ

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	N/A	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Patrick H Jones	<b>Adopted Date:</b>	06/11/2009
<b>Note:</b>	This accident report documents the factual circumstances of this accident as described to the NTSB.		
<b>Investigation Docket:</b>	NTSB accident and incident dockets serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at <a href="mailto:pubinq@ntsb.gov">pubinq@ntsb.gov</a> , or at 800-877-6799. Dockets released after this date are available at <a href="http://dms.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> .		

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