



# National Transportation Safety Board Aviation Accident Data Summary

<b>Location:</b>	Rio Verde, AZ	<b>Accident Number:</b>	LAX07LA025
<b>Date &amp; Time:</b>	11/02/2006, 0816 MST	<b>Registration:</b>	N606RV
<b>Aircraft:</b>	Olson Vans RV-6	<b>Injuries:</b>	2 Fatal
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

## Analysis

The airplane collided with power lines while flying at low altitude over a river and descended into the water below. Witnesses observed the airplane flying low over a prolonged period in the area of a dam and along the river below the dam. One witness noted that the airplane appeared to be lower than the surrounding hills. Power lines are situated just south of the dam and proceed along the south-side of the river. The power lines cross the river to its north side at a point where the river makes a "U" shaped 180-degree turn, heading north momentarily and then reversing course to the south. The power lines cross the river in the southward leg of the "U" shape. The terrain in the middle of the "U" shape is about 150 feet higher than the river, which would likely block the view of the south flowing leg of the river, and perhaps the power line, from a pilot following the river at low altitude. The power line's wires were found frayed and damaged in the stretch that crossed the river. The airplane came to rest in the river near the power line crossing. Examination of the wreckage found that the right wing of the airplane contacted and was severed by the power line. No mechanical malfunctions or failures were found during the examination of airframe and engine.

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:  
The pilot's failure to maintain clearance from power lines while intentionally flying at a low altitude.

## Findings

Occurrence #1: IN FLIGHT COLLISION WITH OBJECT  
Phase of Operation: MANEUVERING

### Findings

1. OBJECT - WIRE, TRANSMISSION
2. (C) LOW ALTITUDE FLIGHT/MANEUVER - INTENTIONAL - PILOT IN COMMAND
3. (C) CLEARANCE - NOT MAINTAINED - PILOT IN COMMAND

## Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	48
<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>	920 hours (Total, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Manufacturer:</b>	Olson	<b>Registration:</b>	N606RV
<b>Model/Series:</b>	Vans RV-6	<b>Engines:</b>	1 Reciprocating
<b>Operator:</b>	On file	<b>Engine Manufacturer:</b>	Lycoming
<b>Air Carrier Operating Certificate:</b>	None	<b>Engine Model/Series:</b>	O-320-A2A
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

## Meteorological Information and Flight Plan

<b>Observation Facility, Elevation:</b>		<b>Weather Information Source:</b>	Witness
<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	<b>Visibility</b>	10 Miles
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	Phoenix, AZ (DVT)	<b>Destination:</b>	

## Wreckage and Impact Information

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

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Zoë Keliher	<b>Adopted Date:</b>	06/27/2007
<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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