



## National Transportation Safety Board Aviation Accident Factual Report

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<b>Location:</b>	VICKSBURG, MI	<b>Accident Number:</b>	CHI98LA052
<b>Date &amp; Time:</b>	12/02/1997, 1330 EST	<b>Registration:</b>	N6295Z
<b>Aircraft:</b>	Piper PA-46-350P	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	2 None

**Flight Conducted Under:** Part 91: General Aviation -

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On December 2, 1997, at 1330 eastern standard time, a Piper PA-46-350P, N6295Z, operated by Hov-Aire, Inc., sustained substantial damage when it hit trees on the side of the runway during an aborted takeoff. The 14 CFR Part 91 flight was departing an unnamed grass airstrip on a local maintenance test flight with Kalamazoo, Michigan, as the destination. The pilot lost control of the aircraft after it hit a dip in the runway. The private pilot and passenger were not injured. Visual meteorological conditions prevailed and no flight plan was filed.

The pilot reported that he was departing a private airfield located about seven miles south of Kalamazoo, Michigan. The airplane went over a large hump in the runway during the takeoff roll at about 800 feet from the approach end of the runway. The pilot reported the airplane veered to the left and the "takeoff was aborted."

An Operations Safety Inspector from the Federal Aviation Administration interviewed the passenger who had sat in the right seat of the airplane during the accident. The passenger, who was on board to monitor the instruments, reported that the intended flight was a maintenance test flight. The passenger reported that the airplane entered a large dip in the runway about 1,200 feet from the approach end of the runway. He reported the airplane became "airborne near stall speed." The left wing struck the ground. The airplane departed the left side of the runway at about a 45 degree angle and traveled approximately another 1,000 feet before striking a row of small trees before coming to rest.

The examination of the airplane revealed no abnormalities.

## Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	56, Male
<b>Airplane Rating(s):</b>	None	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	Seatbelt
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 2 Valid Medical--w/ waivers/lim.	<b>Last FAA Medical Exam:</b>	02/25/1997
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	7975 hours (Total, all aircraft), 227 hours (Total, this make and model), 7875 hours (Pilot In Command, all aircraft), 22 hours (Last 90 days, all aircraft), 4 hours (Last 30 days, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Piper	<b>Registration:</b>	N6295Z
<b>Model/Series:</b>	PA-46-350P PA-46-350P	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	46-22026
<b>Landing Gear Type:</b>	Retractable - Tricycle	<b>Seats:</b>	6
<b>Date/Type of Last Inspection:</b>	12/01/1997, Annual	<b>Certified Max Gross Wt.:</b>	4300 lbs
<b>Time Since Last Inspection:</b>	939 Hours	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>		<b>Engine Manufacturer:</b>	Lycoming
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	TIO-540 AE2A
<b>Registered Owner:</b>	LAKALA AVIATION, INC	<b>Rated Power:</b>	350 hp
<b>Operator:</b>	HOV-AIRE, INC.	<b>Operating Certificate(s) Held:</b>	None

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	AZO, 840 ft msl	Distance from Accident Site:	15 Nautical Miles
Observation Time:	1745 EST	Direction from Accident Site:	345°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	10 Miles
Lowest Ceiling:	Broken / 2300 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	Calm /	Turbulence Type Forecast/Actual:	/
Wind Direction:	Variable	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	10° C
Precipitation and Obscuration:			
Departure Point:		Type of Flight Plan Filed:	None
Destination:	KALAMAZOO, MI (AZO)	Type of Clearance:	None
Departure Time:	1300 EST	Type of Airspace:	Class G

## Airport Information

Airport:		Runway Surface Type:	Grass/turf
Airport Elevation:		Runway Surface Condition:	
Runway Used:	0	IFR Approach:	
Runway Length/Width:		VFR Approach/Landing:	

## Wreckage and Impact Information

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

## Administrative Information

Investigator In Charge (IIC):	JIM SILLIMAN
Additional Participating Persons:	VITO L CARELLO; GRAND RAPIDS, MI
Investigation Docket:	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> .