



# National Transportation Safety Board Aviation Accident Data Summary

<b>Location:</b>	MT. GILEAD, OH	<b>Accident Number:</b>	NYC94LA003
<b>Date &amp; Time:</b>	10/01/1993, 2100 EDT	<b>Registration:</b>	N736RZ
<b>Aircraft:</b>	CESSNA 172	<b>Injuries:</b>	4 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

## Analysis

THE PILOT COULD NOT ACTIVATE THE RUNWAY LIGHTS DURING A NIGHT LANDING. HE MADE TWO PASSES OVER THE RUNWAY TO SEE IF THE RUNWAY WAS CLEAR. HE THEN ELECTED TO LAND ON THE RUNWAY WITHOUT THE RUNWAY LIGHTS AVAILABLE. HE HAD COMPLETED THE LANDING AND DURING THE ROLL OUT THE LEFT HORIZONTAL STABILIZER STRUCK THE VASI LIGHT.

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: the pilot's improper inflight decision to conduct a night landing at an airport without runway lights, and the subsequent misalignment with the runway and collision with an object.

## Findings

Occurrence #1: ON GROUND/WATER COLLISION WITH OBJECT  
Phase of Operation: LANDING - ROLL

### Findings

1. (C) IN-FLIGHT PLANNING/DECISION - IMPROPER - PILOT IN COMMAND
2. (F) PROPER ALIGNMENT - NOT MAINTAINED - PILOT IN COMMAND

## Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	26
<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>	553 hours (Total, all aircraft), 91 hours (Total, this make and model), 490 hours (Pilot In Command, all aircraft), 6 hours (Last 90 days, all aircraft), 4 hours (Last 30 days, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	CESSNA	<b>Registration:</b>	N736RZ
<b>Model/Series:</b>	172 172	<b>Engines:</b>	1 Reciprocating
<b>Operator:</b>	JUDSON R. ASHLEY	<b>Engine Manufacturer:</b>	CONTINENTAL
<b>Operating Certificate(s) Held:</b>	None	<b>Engine Model/Series:</b>	IO-360-K
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual Conditions	<b>Condition of Light:</b>	Night/Bright
<b>Observation Facility, Elevation:</b>	, 0 ft msl	<b>Weather Information Source:</b>	Pilot
<b>Lowest Ceiling:</b>	Unknown / 0 ft agl	<b>Wind Speed/Gusts, Direction:</b>	10 knots / 15 knots, 240°
<b>Temperature:</b>	18° C	<b>Visibility</b>	10 Miles
<b>Precipitation and Obscuration:</b>			
<b>Departure Point:</b>	ELIZABETHTOWN, TN (0A9)	<b>Destination:</b>	

## Airport Information

<b>Airport:</b>	MORROW COUNTY (4I9)	<b>Runway Surface Type:</b>	Asphalt
<b>Runway Used:</b>	28	<b>Runway Surface Condition:</b>	Dry
<b>Runway Length/Width:</b>	3497 ft / 65 ft		

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	3 None	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Latitude, Longitude:</b>			

## Administrative Information

<b>Investigator In Charge (IIC):</b>	ALAN J YURMAN	<b>Adopted Date:</b>	06/30/1994
<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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