



# National Transportation Safety Board Aviation Accident Data Summary

<b>Location:</b>	PHILADELPHIA, PA	<b>Accident Number:</b>	NYC89LA143
<b>Date &amp; Time:</b>	06/01/1989, 1139	<b>Registration:</b>	N5AN
<b>Aircraft:</b>	BEECH 60	<b>Injuries:</b>	3 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

## Analysis

THE AIRCRAFT MADE A HARD LANDING, RAN OFF THE RIGHT SIDE OF THE RUNWAY AND COLLIDED WITH THE TERRAIN. SUBSEQUENTLY, THE PLANE ERUPTED IN FLAMES AND WAS DESTROYED, BUT THE PILOT AND PASSENGERS WERE NOT INJURED.

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: IMPROPER FLARE BY THE PILOT DURING THE LANDING, AND HIS FAILURE TO MAINTAIN DIRECTIONAL CONTROL OF THE AIRCRAFT.

## Findings

Occurrence #1: HARD LANDING  
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings  
1. (C) FLARE - IMPROPER - PILOT IN COMMAND  
-----

Occurrence #2: LOSS OF CONTROL - ON GROUND/WATER  
Phase of Operation: LANDING - ROLL

Findings  
2. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND  
3. GROUND LOOP/SWERVE - UNCONTROLLED  
-----

Occurrence #3: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER  
Phase of Operation: LANDING

## Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	35
<b>Airplane Rating(s):</b>	Multi-engine Land; Single-engine Land	<b>Instrument Rating(s):</b>	Airplane
<b>Other Aircraft Rating(s):</b>	None	<b>Instructor Rating(s):</b>	None
<b>Flight Time:</b>	650 hours (Total, all aircraft)		

## Aircraft and Owner/Operator Information

Aircraft Make:	BEECH	Registration:	N5AN
Model/Series:	60 60	Engines:	2 Reciprocating
Operator:	AWAA AVIATION, INC.	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	TIO-541
Flight Conducted Under:	Part 91: General Aviation - Personal		

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Unknown	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Weather Information Source:	Unknown
Lowest Ceiling:	Unknown / 0 ft agl	Wind Speed/Gusts, Direction:	/ ,
Temperature:	-18 °C	Visibility	0 Miles
Precipitation and Obscuration:			
Departure Point:	Destination:		

## Airport Information

Airport:	MOORHEAD (PA08)	Runway Surface Type:	Gravel
Runway Used:	6	Runway Surface Condition:	Dry
Runway Length/Width:	2085 ft / 180 ft		

## Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Destroyed
Passenger Injuries:	2 None	Aircraft Fire:	On-Ground
Ground Injuries:	N/A	Aircraft Explosion:	On-Ground
Latitude, Longitude:			

## Administrative Information

Investigator In Charge (IIC):	REUBEN L DENSBY	Adopted Date:	06/16/1992
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> .		

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

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.