



# Aviation Investigation Final Report

<b>Location:</b>	FALL RIVER, Massachusetts	<b>Accident Number:</b>	NYC91LA088
<b>Date &amp; Time:</b>	March 12, 1991, 17:20 Local	<b>Registration:</b>	N8452P
<b>Aircraft:</b>	PIPER PA28-400	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	4 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

THE PILOT LANDED LONG ON RUNWAY 33, WHICH IS 1600 FEET IN LENGTH. HE WAS UNABLE TO STOP BEFORE RUNNING OFF THE DEPARTURE END OF THE RUNWAY. THE AIRPLANE ROLLED THROUGH A GRASS FIELD AND WAS STOPPED BY LARGE ROCKS.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: AN IMPROPER FLARE AND TOUCHDOWN POINT WHICH RESULTED IN AN OVERRUN OF THE RUNWAY DURING THE LANDING ROLL.

## Findings

Occurrence #1: OVERRUN  
Phase of Operation: LANDING - ROLL

### Findings

1. (F) FLARE - IMPROPER - PILOT IN COMMAND
2. (F) PROPER TOUCHDOWN POINT - NOT ATTAINED - PILOT IN COMMAND

Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER  
Phase of Operation: LANDING - ROLL

Findings

3. OBJECT - OTHER

## Factual Information

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	40, Male
<b>Airplane Rating(s):</b>	Single-engine land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	
<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 3 Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	November 1, 1990
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	277.7 hours (Total, all aircraft), 62.2 hours (Total, this make and model), 221 hours (Pilot In Command, all aircraft), 30.2 hours (Last 90 days, all aircraft), 9.6 hours (Last 30 days, all aircraft), 2.5 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	PIPER	<b>Registration:</b>	N8452P
<b>Model/Series:</b>	PA28-400 PA28-400	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	26-27
<b>Landing Gear Type:</b>	Retractable - Tricycle	<b>Seats:</b>	4
<b>Date/Type of Last Inspection:</b>	June 1, 1990 Annual	<b>Certified Max Gross Wt.:</b>	3600 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	3479 Hrs	<b>Engine Manufacturer:</b>	LYCOMING
<b>ELT:</b>		<b>Engine Model/Series:</b>	I0720-L141-54
<b>Registered Owner:</b>	ROBERT & DONNA FRAYSER	<b>Rated Power:</b>	400 Horsepower
<b>Operator:</b>	ROBERT & DONNA FRAYSER	<b>Operating Certificate(s) Held:</b>	None
<b>Operator Does Business As:</b>		<b>Operator Designator Code:</b>	

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>		<b>Distance from Accident Site:</b>	
<b>Observation Time:</b>		<b>Direction from Accident Site:</b>	
<b>Lowest Cloud Condition:</b>	Clear	<b>Visibility</b>	20 miles
<b>Lowest Ceiling:</b>	None	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	17 knots / 22 knots	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	320°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>		<b>Temperature/Dew Point:</b>	
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	SHENANDOAH VALL, VA (SHO)	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>		<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	14:30 Local	<b>Type of Airspace:</b>	Class D

## Airport Information

<b>Airport:</b>	FALL RIVER AIRPORT FLR	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	193 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	33	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	1600 ft / 150 ft	<b>VFR Approach/Landing:</b>	Full stop

## 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>Total Injuries:</b>	4 None	<b>Latitude, Longitude:</b>	

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Twine, Chauncey
<b>Additional Participating Persons:</b>	WILLIAM STEVENS; BEDFORD , MA
<b>Original Publish Date:</b>	April 27, 1993
<b>Last Revision Date:</b>	
<b>Investigation Class:</b>	<a href="#">Class</a>
<b>Note:</b>	
<b>Investigation Docket:</b>	<a href="https://data.nts.gov/Docket?ProjectID=36889">https://data.nts.gov/Docket?ProjectID=36889</a>

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