



# National Transportation Safety Board Aviation Accident Final Report

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<b>Location:</b>	BREWER, ME	<b>Accident Number:</b>	NYC86FNC02
<b>Date &amp; Time:</b>	04/02/1986, 1530 EST	<b>Registration:</b>	N5082H
<b>Aircraft:</b>	PIPER PA-11	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 Serious
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

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## Analysis

THE PLT HAD BEEN USING AUTO GAS IN THIS ACFT, HOWEVER, HE EXPERIENCED WATER CONTAMINATION PROBLEMS AND DISCONTINUED ITS USE. HE THEN FOUND HIMSELF AT AN ARPT NEEDING FUEL. THE ARPT ONLY HAD AUTO GAS AVAILABLE SO THE PLT REFUELED THE ACFT WITH AUTO GAS. WHILE MAKING A TOUCH AND GO AT BREWER ARPT HE EXPERIENCED A PARTIAL POWER LOSS ON CLIMBOUT AT 700-800 FT AGL. HE DECIDED TO LAND ON AN UNOPENED SECTION OF HIGHWAY. JUST PRIOR TO TOUCHDOWN HE NOTICED A SET OF POWER LINES IN HIS PATH. HE DOVE TO PASS UNDER THE POWER LINES AND STRUCK THE ROAD HARD ENOUGH TO BOUNCE BACK INTO THE AIR. HE THEN LOST CONTROL OF THE ACFT WHICH DESCENDED TO THE LEFT. THE ACFT FLIPPED OVER ON TOUCHDOWN.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

## Findings

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Occurrence #1: LOSS OF ENGINE POWER  
Phase of Operation: CLIMB - TO CRUISE

### Findings

1. (C) REASON FOR OCCURRENCE UNDETERMINED  
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Occurrence #2: FORCED LANDING  
Phase of Operation: DESCENT - EMERGENCY

### Findings

2. (F) OBJECT - WIRE, TRANSMISSION  
3. (C) REMEDIAL ACTION - EXCESSIVE - PILOT IN COMMAND  
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Occurrence #3: LOSS OF CONTROL - IN FLIGHT  
Phase of Operation: LANDING - FLARE/TOUCHDOWN

### Findings

4. (C) RECOVERY FROM BOUNCED LANDING - NOT PERFORMED - PILOT IN COMMAND  
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Occurrence #4: IN FLIGHT COLLISION WITH TERRAIN/WATER  
Phase of Operation: DESCENT - UNCONTROLLED

### Findings

5. TERRAIN CONDITION - GROUND

## Factual Information

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	51, Male
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Seat Occupied:</b>	Rear
<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 3 Valid Medical--w/ waivers/lim.	<b>Last FAA Medical Exam:</b>	05/24/1985
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	606 hours (Total, all aircraft), 456 hours (Total, this make and model), 1 hours (Last 90 days, all aircraft), 1 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	PIPER	<b>Registration:</b>	N5082H
<b>Model/Series:</b>	PA-11 PA-11	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	11-981
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	10/07/1985, Annual	<b>Certified Max Gross Wt.:</b>	1220 lbs
<b>Time Since Last Inspection:</b>	18 Hours	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>		<b>Engine Manufacturer:</b>	CONTINENTAL
<b>ELT:</b>	Installed, activated, aided in locating accident	<b>Engine Model/Series:</b>	C-90-12F
<b>Registered Owner:</b>	ALFRED P. WEBSTER	<b>Rated Power:</b>	90 hp
<b>Operator:</b>	ALFRED P. WEBSTER	<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:	BGR, 192 ft msl	Distance from Accident Site:	10 Nautical Miles
Observation Time:	1530 EST	Direction from Accident Site:	120°
Lowest Cloud Condition:	Scattered / 14000 ft agl	Visibility	15 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	/
Wind Direction:	Variable	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	19° C / -2° C
Precipitation and Obscuration:			
Departure Point:		Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	1500 EST	Type of Airspace:	Airport Advisory Area; Class G

## Airport Information

Airport:	BREWER (OB2)	Runway Surface Type:	Asphalt
Airport Elevation:	100 ft	Runway Surface Condition:	Wet
Runway Used:	1	IFR Approach:	None
Runway Length/Width:	1800 ft / 6 ft	VFR Approach/Landing:	Forced Landing; Touch and Go; Traffic Pattern

## Wreckage and Impact Information

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

## Administrative Information

**Investigator In Charge (IIC):** ALBERTA BROWN

**Report Date:**

**Additional Participating Persons:** JAMES EDWARDS  
FRANZ JURAN  
ALAN YURMAN  
DON WHEELER

**Publish Date:**

**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 [pubinq@ntsb.gov](mailto:pubinq@ntsb.gov), or at 800-877-6799. Dockets released after this date are available at <http://dms.nts.gov/pubdms/>.

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