



## National Transportation Safety Board Aviation Accident Factual Report

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<b>Location:</b>	MONTGOMERY, NY	<b>Accident Number:</b>	BFO94LA084
<b>Date &amp; Time:</b>	06/02/1994, 1610 EDT	<b>Registration:</b>	N9041P
<b>Aircraft:</b>	PIPER PA-24-260	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 Minor, 1 None

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

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On June 2, 1994, about 1610 hours eastern daylight time, a Piper PA-24-260, N9041P, an instructional flight, forced landed in an open field after the engine lost power during takeoff climb from Orange County Airport, Montgomery, New York. Visual meteorological conditions existed. The certificated flight instructor received minor injuries; the student pilot was not injured. The airplane was substantially damaged. The local flight was conducted under 14 CFR Part 91.

The instructor was giving dual instrument instruction to the student who was a certificated private pilot. According to the instructor, upon completion of the instructions, the student requested multiple landing practice in crosswind conditions. The instructor stated, "I was distracted by his performance and remiss in verification of fuel status in execution of the before landing checklist. Power was lost on climbout. Additional check was futile. Committed to off field landing. Damage occurred on roll out through a ditch in terrain."

The FAA interviewed the instructor and student who indicated they were using and exhausted the fuel from the left tank. According to the FAA, examination of the airplane revealed the left tank was empty. An undetermined amount of fuel was in the right tank.

## Pilot Information

<b>Certificate:</b>	Flight Instructor; Commercial	<b>Age:</b>	41
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Seat Occupied:</b>	Right
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	Seatbelt
<b>Instrument Rating(s):</b>	Airplane	<b>Second Pilot Present:</b>	
<b>Instructor Rating(s):</b>	Instrument Airplane	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	None Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	05/11/1993
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	990 hours (Total, all aircraft), 3 hours (Total, this make and model), 972 hours (Pilot In Command, all aircraft), 30 hours (Last 30 days, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	PIPER	<b>Registration:</b>	N9041P
<b>Model/Series:</b>	PA-24-260 PA-24-260	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	24-4504
<b>Landing Gear Type:</b>	Retractable - Tricycle	<b>Seats:</b>	1
<b>Date/Type of Last Inspection:</b>	09/10/1993, Annual	<b>Certified Max Gross Wt.:</b>	3100 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	4019 Hours	<b>Engine Manufacturer:</b>	LYCOMING
<b>ELT:</b>	Installed, activated, did not aid in locating accident	<b>Engine Model/Series:</b>	IO-540-D4B5
<b>Registered Owner:</b>	QUADE'S FLIGHT SCHOOL	<b>Rated Power:</b>	260 hp
<b>Operator:</b>	QUADE'S FLIGHT SCHOOL	<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:	, 0 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	0000	Direction from Accident Site:	0°
Lowest Cloud Condition:	Unknown / 0 ft agl	Visibility	40 Miles
Lowest Ceiling:	Overcast / 6500 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	15 knots / 24 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	310°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	14° C / 3° C
Precipitation and Obscuration:			
Departure Point:	(MGJ)	Type of Flight Plan Filed:	None
Destination:	, NY (MGJ)	Type of Clearance:	None
Departure Time:	0000	Type of Airspace:	Class D

## Airport Information

Airport:	ORANGE COUNTY AIRPORT (MGJ)	Runway Surface Type:	
Airport Elevation:	400 ft	Runway Surface Condition:	
Runway Used:	26	IFR Approach:	None
Runway Length/Width:	3672 ft / 100 ft	VFR Approach/Landing:	Forced Landing

## Wreckage and Impact Information

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

## Administrative Information

Investigator In Charge (IIC):	RICHARD V CHILDRESS,
Additional Participating Persons:	
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> .