



National Transportation Safety Board Aviation Accident Data Summary

Location:	OLD BRIDGE, NJ	Accident Number:	NYC97LA133
Date & Time:	07/01/1997, 1940 EDT	Registration:	N5156M
Aircraft:	Beech C24R	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

The purpose of the flight was to practice simulated engine failures. The first simulated engine failure was conducted to a landing, and the second was terminated with a go-around. During the third simulated engine failure, the instructor observed that the airplane was low, and verbally instructed the student to add power. The student added full power; however, the engine did not respond. The airplane then touched down on the grass, to the right of the runway, and encountered a drainage ditch. Examination of the engine revealed no evidence of a pre impact malfunction.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: Loss of engine power for undetermined reasons.

Findings

Occurrence #1: LOSS OF ENGINE POWER
Phase of Operation: APPROACH - VFR PATTERN - FINAL APPROACH

Findings
1. REASON FOR OCCURRENCE UNDETERMINED

Occurrence #2: FORCED LANDING
Phase of Operation: DESCENT - EMERGENCY

Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: EMERGENCY LANDING

Findings
2. TERRAIN CONDITION - GROUND

Pilot Information

Certificate:	Private	Age:	51
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	4415 hours (Total, all aircraft), 40 hours (Total, this make and model), 4350 hours (Pilot In Command, all aircraft), 33 hours (Last 90 days, all aircraft), 5 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Beech	Registration:	N5156M
Model/Series:	C24R C24R	Engines:	1 Reciprocating
Operator:	DOMINIC DERASMO	Engine Manufacturer:	Lycoming
Operating Certificate(s) Held:	None	Engine Model/Series:	IO-360-A1B6
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	EWR, 18 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Broken / 13000 ft agl	Wind Speed/Gusts, Direction:	7 knots / , 160°
Temperature:	23°C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	BELMAR, NJ (BLM)	Destination:	, NJ (3N6)

Airport Information

Airport:	OLD BRIDGE AIRPORT (3N6)	Runway Surface Type:	Asphalt
Runway Used:	6	Runway Surface Condition:	Dry
Runway Length/Width:	3594 ft / 50 ft		

Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC): DAVID S MUZIO

Adopted Date: 01/28/2000

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, or at 800-877-6799. Dockets released after this date are available at <http://dms.nts.gov/pubdms/>.

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