



# National Transportation Safety Board Aviation Accident Data Summary

<b>Location:</b>	Centennial, CO	<b>Accident Number:</b>	DEN07FA002
<b>Date &amp; Time:</b>	10/03/2006, 1805 MDT	<b>Registration:</b>	N7855R
<b>Aircraft:</b>	Beech 36	<b>Injuries:</b>	1 Minor
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

## Analysis

The pilot reported that during the downwind leg for the runway, he performed his "GUMPS" check, which included verifying the fuel selector position and extending the landing gear. The pilot lowered the flaps during the base leg. During the base leg to final approach turn, the pilot advanced the mixture lever to full rich, the propeller lever to full forward, and secured his seatbelt. At the time the pilot advanced the mixture and propeller controls, "there wasn't any change in the engine noise and the engine RPMs were noted to have fallen to 1,500 RPMs." At some point during the final approach, the engine lost power. The pilot twice attempted to restart the engine, however, the restart was not successful. The pilot declared an emergency and executed a forced landing to the partially vacant parking lot. During the forced landing, the airplane impacted a light pole and three parked vehicles. Examination of the airframe and systems revealed no anomalies. The engine was functionally tested and did not reveal any anomalies that would have prevented normal operation and production of rated horsepower. The reason for the loss of engine power was not determined.

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: the loss of engine power for undetermined reasons. Contributing factors were the light pole and parked vehicles impacted during the forced landing.

## Findings

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

Findings  
1. (C) POWERPLANT - FAILURE  
2. (C) REASON FOR OCCURRENCE UNDETERMINED  
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Occurrence #2: FORCED LANDING  
Phase of Operation: DESCENT - EMERGENCY  
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Occurrence #3: IN FLIGHT COLLISION WITH OBJECT  
Phase of Operation: DESCENT - EMERGENCY

Findings  
3. (F) OBJECT - POLE  
4. (F) OBJECT - VEHICLE

## Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	76
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Instrument Rating(s):</b>	Airplane
<b>Other Aircraft Rating(s):</b>	Glider	<b>Instructor Rating(s):</b>	None
<b>Flight Time:</b>	3700 hours (Total, all aircraft), 3399 hours (Total, this make and model), 3700 hours (Pilot In Command, all aircraft), 30 hours (Last 90 days, all aircraft), 14 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Manufacturer:</b>	Beech	<b>Registration:</b>	N7855R
<b>Model/Series:</b>	36	<b>Engines:</b>	1 Reciprocating
<b>Operator:</b>	Baryn Properties	<b>Engine Manufacturer:</b>	Teledyne Continental
<b>Air Carrier Operating Certificate:</b>	None	<b>Engine Model/Series:</b>	IO-550-B
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

## Meteorological Information and Flight Plan

<b>Observation Facility, Elevation:</b>		<b>Weather Information Source:</b>	Pilot
<b>Conditions at Accident Site:</b>	Visual Conditions	<b>Lowest Ceiling:</b>	Overcast / 5000 ft agl
<b>Condition of Light:</b>	Day	<b>Wind Speed/Gusts, Direction:</b>	Light and Variable, Variable
<b>Temperature:</b>		<b>Visibility:</b>	10 Miles
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	SAN JOSE, CA (SJC)	<b>Destination:</b>	Centennial, CO (APA)

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 Minor	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	N/A	<b>Aircraft Fire:</b>	On-Ground
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Aaron M Sauer	<b>Adopted Date:</b>	07/25/2007
<b>Investigation Docket:</b>	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> .		

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