



National Transportation Safety Board  
Factual Data Collection Report of Accident

DEN07CA035

Aircraft Reg No: N6487J  
Most Critical Injury: Minor

Location/Time

Nearest City/Place: Falcon, CO  
Occurrence Date: 12/07/2006  
Occurrence Time: 1725 MST

Flight Itinerary

Last Depart. Point: Same as Accident/Incident Location  
Destination: Local Flight

Aircraft Information

Type of Aircraft: Airplane (not Homebuilt)  
Make/Model: Piper / PA-28-180  
Serial Number: 28-4917  
Landing Gear: Tricycle  
Engine Type: Reciprocating  
Engine Make/Model: Lycoming / O&VO-360  
Aircraft Damage: Substantial  
Aircraft Fire: None

Operator Information

Registered Acft Owner: Vision Real Estate Management Co Inc  
Operator of Aircraft: On File  
Operator Address: Falcon, CO  
Reg. Flt. Conducted Under: Part 91: General Aviation

Weather

Condition of Light: Night  
Wx Cond. at Site: Visual Conditions

First Pilot Information

Cert(s)/Rating(s): Private; Single-engine Land  
Instrument Ratings: Airplane  
Medical Cert: Class 3  
Date of Last Med. Exam: 01/2006

Flight Time (Hours)

Total All Aircraft: 1109  
Total Make/Model: 1

Injury Summary

	<u>Fatal</u>	<u>Serious</u>	<u>Minor/None</u>
Crew	0	0	1
Pass	0	0	0

Narrative

\*\*\* This investigation is based on information furnished by the Pilot/Operator. Additional details may be found in the Form 6120.1\*\*\*

The pilot was established on a base leg for runway 15 (6,000 feet by 60 feet, asphalt) when the engine lost power. The pilot lined up with an adjacent road and continued for a forced landing. Prior to the landing he checked his carburetor heat, mixture, throttle, and magnetos in an attempt to troubleshoot the power loss. He stated that he observed car lights and "swerved into [the] tree." The airplane became lodged in the tree, crushing both wings aft and wrinkling the vertical stabilizer.

The airplane was removed from the tree and relocated to a hangar in Greeley, Colorado, for further examination. An examination of the engine and related systems revealed no anomalies.

The closest official weather observation station was City of Colorado Springs (COS), Colorado Springs, Colorado, located 11.6 nautical miles (nm) south southwest of the accident site. The elevation of the weather observation station was 6,184 feet msl. The routine aviation weather report (METAR) for COS, issued at 1654, reported, temperature minus 01 degrees Celsius (C); dewpoint, minus 05 degrees C. According to the carburetor icing probability chart conditions were conducive for "serious icing at glide power" and "serious icing at cruise power."