

N573BV
Cessna 185
Bullhead City, AZ

Continental Motors Exam Notes
IO-520-D23B
Serial Number 816636-R

The engine remained attached to the airframe and exhibited impact damage.

The top spark plugs were removed and had light colored combustion deposits. The electrodes exhibited normal wear signatures when compared to the Champion Check A Plug chart.

The fuel pump was removed and the drive coupling was intact. The fuel pump drive rotated freely by hand and a small amount of fuel was discharged from the fuel pump. The fuel manifold valve was disassembled and fuel was observed in the manifold valve. The fuel screen was free of debris and the retaining nut and plunger were intact.

The crankshaft was rotated by hand using the propeller. Continuity from the propeller to the accessory gears was confirmed, as well as continuity throughout the valve train. Thumb compression was obtained on all six cylinders.

The magnetos produced spark on all six top ignition leads with impulse coupling engagement observed.