



Memorandum of Record

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Date: 08/31/2022
Subject: CEN21LA204, N26783, Magneto Examination

Examination Summary: The left and right magnetos were examined and disassembled at Aircraft Engine Specialists, Chandler, Arizona, on Aug 30, 2022. The left magneto impulse coupling would not fire. No other anomalies were noted with either magneto and both operated normally when operated to 3,000 RPM.

Examination: The lead attachment plates and gears were removed from both magnetos and each unit was placed in a test device to check operability from 0-3,000 RPM. The right magneto produced spark at each lead as the RPMs were increased to 3,000 RPM and as the RPM decreased. The impulse coupling fired as RPM decreased through 150 RPM.

The left magneto produced spark at each lead as the RPMs were increased to 3,000 RPM and as the RPM decreased. The impulse coupling did not fire as RPM decreased through 150 RPM.

Both magnetos displayed normal wear when disassembled, except the left magneto impulse coupling exhibited some polishing and wear. No corrosion was noted in either magneto.