

OVERHAUL OF RT48 POWER TURBINE ROTOR

By Michael Amato



An RT48 power turbine rotor experienced a gas generator jet engine failure resulting in extensive blade foreign object damage. The damaged rotor was sent to RMS for complete non-destructive testing and dimensional inspection. It was determined that the 1st and 2nd stage disks from the damaged rotor were reusable. A second RT48 rotor assembly with known operating hours was sent to RMS. All components from the second rotor were used with the disks from the first to create a first-class rotor, supported with full documentation.

RMS offers decades of power turbine experience and is your multi-oem support for your power turbine needs. Thanks to advanced engineering tools and an extensive in-house expertise RMS provides comprehensive engineered solutions for all of your rotating equipment needs.

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