

V Class Repairs

Bringing Advanced Aviation Engineering and Technology to the Industrial Market



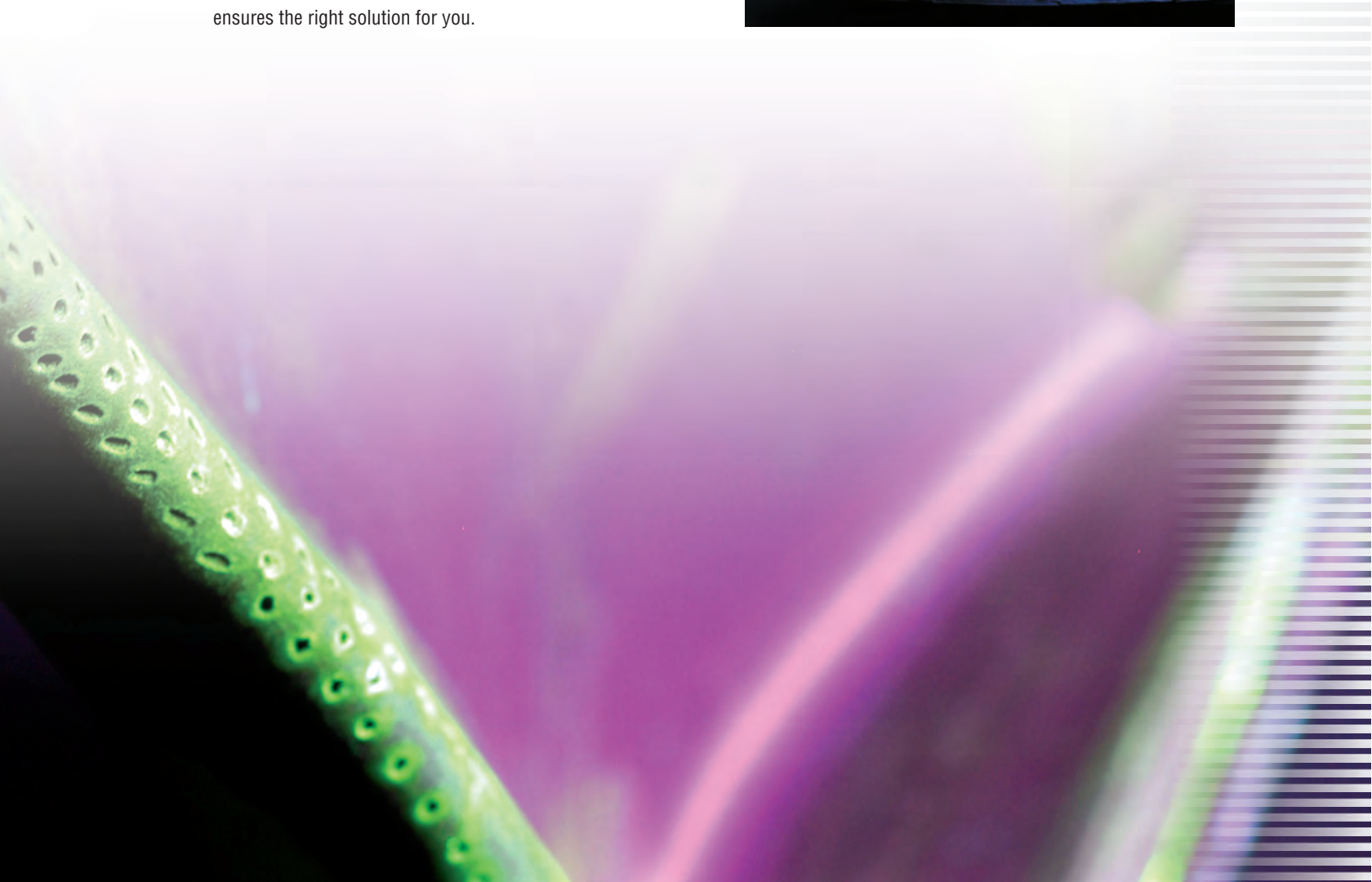
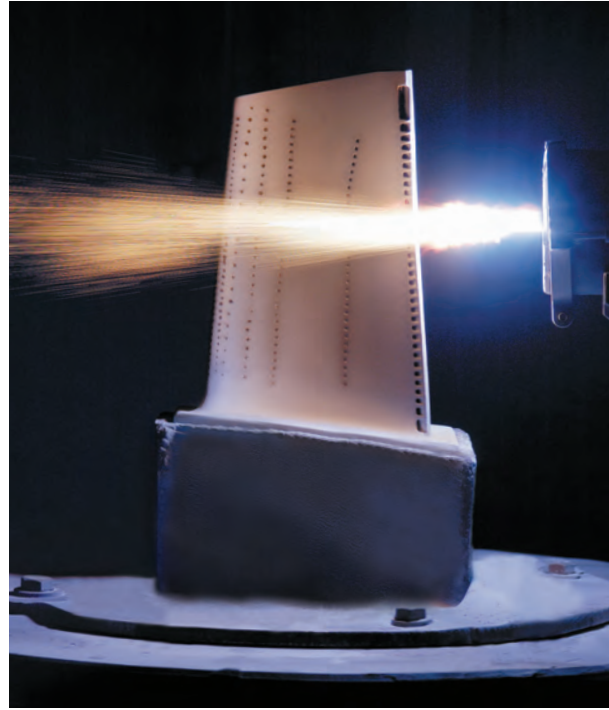
At Pratt & Whitney Power Systems (PWPS), our goal is to provide value-based gas turbine solutions by incorporating customer feedback, component optimization and the advantage of more than 80 years of technology development from our extensive high-temperature aviation heritage.

PWPS leverages Pratt & Whitney's world-renowned hot-section engineering to address the needs of the industrial gas turbine customer.

By listening to you, our customer, PWPS is able to tailor solutions to meet your needs.

Pratt & Whitney has an extensive, proven history of producing industry-leading technological solutions for the aviation market. We utilize this advantage by applying our proprietary technology to create new and innovative solutions for our industrial customers.

Through our flexibility, experience and focus on exceeding customer expectations, Pratt & Whitney Power Systems ensures the right solution for you.

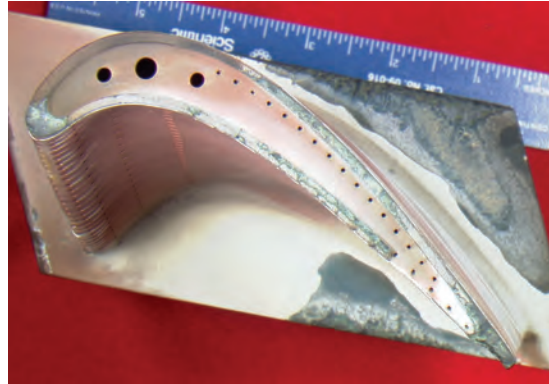


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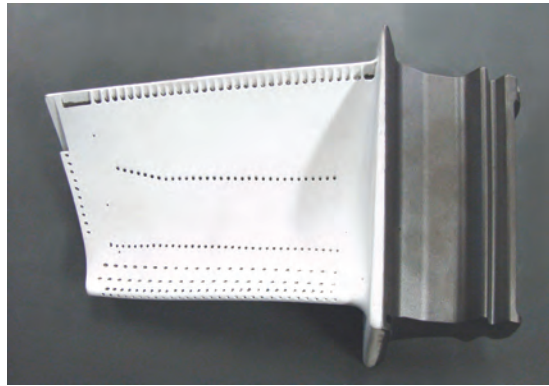
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The first step in implementing an advanced repair technique is to properly understand the conditions under which the components operate. On each new repair, the PWPS engineering team creates an operating model of the entire hot section. It then models the distress modes of each part. This allows the team to determine the repair's impact on hot-section performance or component life. Using this engineering model, PWPS generates comprehensive repair specifications that are translated into advanced repair methodologies by Pratt & Whitney service centers.

Pratt & Whitney. **It's in our power.**™



As received



Repaired

Repair Capabilities

Engine model

V94.3A/3A2

V84.3A2

Pratt & Whitney's advanced proprietary technology includes

- High-temperature technology
- Alloys
- Metallic coatings
- Ceramic coatings
- Advanced repair technology
- Advanced computational modeling techniques



Pratt & Whitney

A United Technologies Company

Pratt & Whitney Power Systems

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