

ORENDA AEROSPACE CORPORATION

OVERVIEW

Orenda Aerospace – Business Units



**Component
Manufacturing**



**AMES – Advanced
Materials &
Energy Systems**



**Orenda Turbines
Industrial**



**Orenda Turbines
Engine R&O**



Orenda Recip

Orenda Today

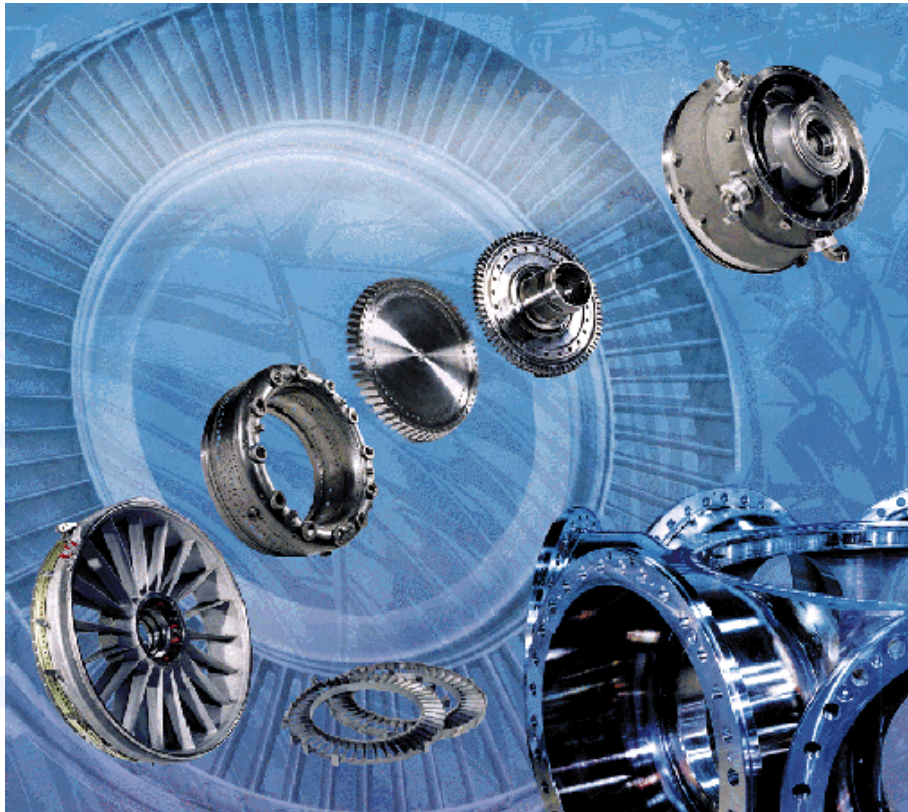
- Packaging and sale of 2.5 Megawatt industrial power generation unit
- Repair and overhaul of Orenda industrial units
- Gas turbine repair and overhaul
- Turbine component repair development
- Engine component manufacturing
- Engineering support
- Engine design and manufacture for the General Aviation industry
- Customers include General Electric, Rolls Royce, Pratt & Whitney, Honeywell, Canadian Air Force, USAF, U.S. Navy, military from various countries, Ontario Power, Petroleos de Venezuela S.A., British Gas

Quality Certifications

- ISO 9001 Registered
- AS 9000 Certified
- NADCAP/PRI
- DAO/DAR (Design Approval Organization)
- Approved Maintenance Organization (equivalent to FAA Repair Station)
- JAR 145 Certified

Component Manufacturing

In partnership with the world's leading OEMs



Specializing in close tolerance machining of difficult materials and complex assembly and fabrications

Component Manufacturing Product Families

Critical Parts



Complex Fabricated Assemblies

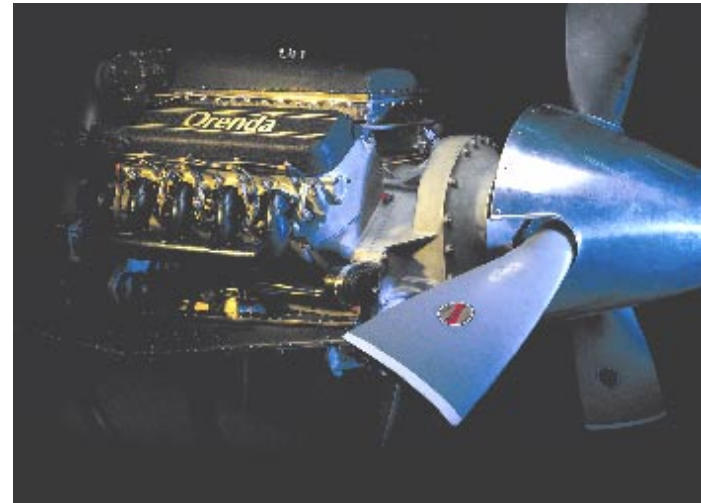


General Sheet Metal Parts



Orenda Recip

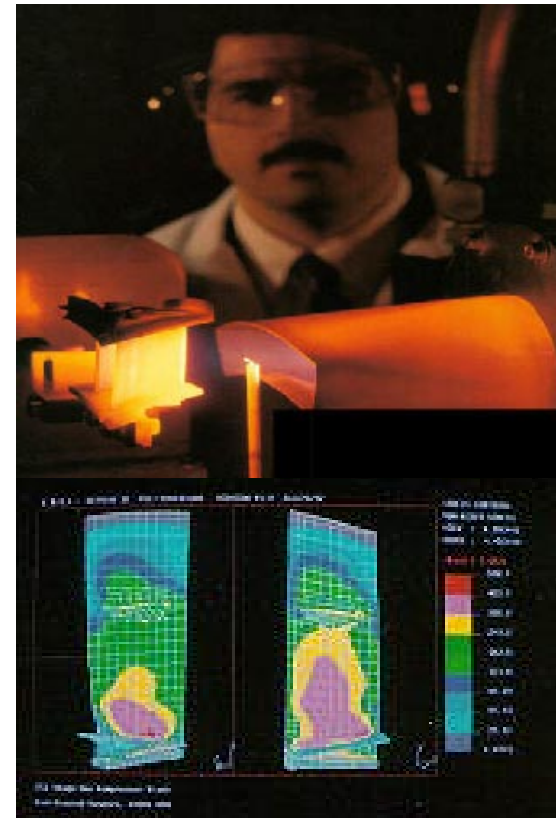
- Light weight, liquid cooled, V-8 Reciprocating Engines in the 500 - 750 hp range.
- OE600A model was first certified by FAA and Transport Canada in March 1998 at 600 HP.



- STC programs completed for DHC-Otter, Air Tractor 400 series selected by OEMs for LZ-400 Rhino, TAI ZUI, Hongdu N-5, and Explorer.
- Facilities include 40,000 sq² Engine Manufacturing Plant in Debert, Nova Scotia, and Development and Test Facility in Mississauga, Ontario

Advanced Materials and Energy Systems

- Complex testing and analysis
- Advanced, protective coating research
- Mechanical, spin-pit and burner rig testing
- Lowering the cost of ownership through parts repair in lieu of replacement



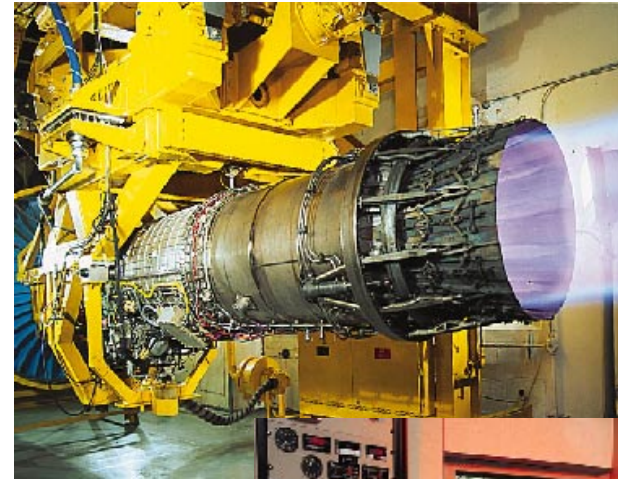
Engine Repair & Overhaul Capabilities

- Complex repair of front frames, fan modules, compressors, combustors, nozzles, blades, and other details
- Design, development and certification of repair schemes
- Capabilities include traditional repairs, Fluoride Ion Cleaning, Electron Beam Welding and state-of-the-art Coatings



Engine Repair & Overhaul

- 17 Million Man Hours of R&O Experience
- Parts Life Enhancement Programs
- Engineering Support Services
- Engine Management Systems
- Engine Test Capabilities – over 30,000 engines tested



MAGELLAN
AEROSPACE CORPORATION

Industrial

Fully support of Orenda OT series, in service today in electrical generation, pipeline and process gas compression, and oil pumping applications.



The 2.5 MW OGT2500 Power Generation Package is designed to suit the requirements of utilities, industrial power generation, oil and gas applications, and uses conventional or alternate biomass fuels.