Marine Industries Science & Technology (MIST) Cluster Small Business Summit

AEROJET ROCKETDYNE

September 11, 2018

Who We Are

- **Decades of industry leadership with deep capabilities**
- **Critical national asset**
- **Supporting strategic priorities of NASA and U.S. DoD**

THAAD

Orion

Delta IV

Standard Missile

Proven leader in space and defense propulsion, advancing rocket science and bringing value and ingenuity to every customer

More than 5,000 Employees Across 14 States

AEROJET ROCKETDYNE

Redmond (WA)

In-Space (Chemical and Electric) Propulsion Mfg., Assembly & Test

Orange (VA)

Solid Propellant R&D Products
Hypersonic Testing

Carlstadt – ARDÉ (NJ)

High pressure Composite Over-wrapped Pressure Vessels (COPVs)

AOT Jonesborough (TN)

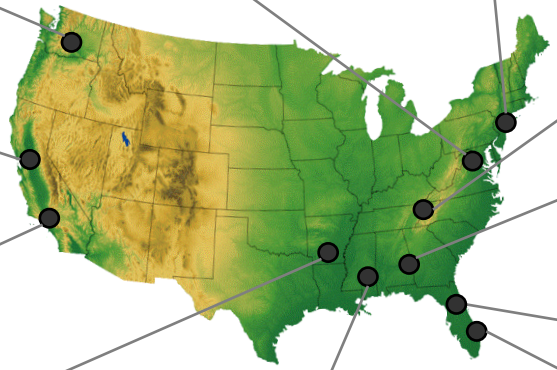
Specialty Metals

Sacramento (CA)

Large SRM Production
Corporate Shared Services

Huntsville (AL) & Marshall Space Flight Center

Defense Sector HQ
Future Advanced Mfg. Site



Canoga Park (CA)

Space Sector HQ
Liquid Engine Design Center
Boost Engine Fabrication

AR Coleman Aerospace Orlando (FL)

Ballistic Missile Targets for the DoD

Camden (AR)

High Rate Solid Rocket Motor Production

Stennis Space Center (MS)

Large Liquid Engine Assembly & Test,
Component Assembly & Test

West Palm Beach (FL)

Upper Stage Engine Fabrication, Assembly &Test; Hypersonics; Turbomachinery

Product-focused manufacturing centers

Hot and Steamy in Mississippi

"I don't know yet what method we will use to get to the moon, but I do know that we have to go through Mississippi to get there!"

-- Werner Von Braun, Father of the Saturn V Rocket

Image courtesy of NASA

SSC Current Rocket Propulsion Testing—Engines & Components

Aerojet Rocketdyne/ RS-25

Aerojet Rocketdyne component testing of the AR1 engine

RS-68

50 Years of Partnership with NASA Stennis Space Center

- NASA Stennis Space Center (SSC) is the nation's Center of Excellence for large space transportation propulsion systems testing

- Tested the F-1 rocket engines that powered the first stage of the Saturn V launch vehicle for the Apollo missions

- Early 1970s, SSC's facilities were modified to test the space shuttle's main engines (SSMEs)

  - All 405 engines supporting 135 shuttle flights tested and proven flight-worthy at SSC

- SSC's state-of-the-art facilities continues to assemble and test components and engines (RS-25) for future Space Launch System (SLS) missions

Supplier Commitment

- Aerojet Rocketdyne requires a supply base that offers consistent, exceptional performance to allow us to remain competitive in the market. Suppliers must deliver on their commitments while continuously driving improvements to products and processes.

Getting Started with Aerojet Rocketdyne

- **Visit www.rocket.com**
  - **Get to know Aerojet Rocketdyne and our products.**
  - **Visit the "Business with Aerojet Rocketdyne" website page www.rocket.com/business-aerojet-rocketdyne**

- **An Aerojet Rocketdyne representative will follow-up with you if there's a business opportunity.**

  - **Aerojet Rocketdyne is an innovative company delivering solutions that create value for its customers in the aerospace and defense markets. The company is a world-recognized aerospace and defense leader that provides propulsion and energetics to the space, missile defense and strategic systems, tactical systems and armaments areas, in support of domestic and international markets. Additional information about Aerojet Rocketdyne can be obtained by visiting our websites at www.Rocket.com and www.AerojetRocketdyne.com. Stennis Space Center in Mississippi should be used for location**
  - **US Citizenship required. Must be able to obtain and maintain a U.S. Security Clearance at the appropriate level (U.S. Citizenship required). Must also be able to satisfy federal government requirements for access to government information, and having dual citizenship may preclude you from being able to meet this requirement. Individual must be able to obtain and maintain NASA Personnel Reliability Program (PRP) security clearance.**

Current Open Requisitions

Quality

Senior Quality Engineer:

- **Requires a Bachelor's degree in a related discipline and 5 years of directly related experience (or an equivalent combination of education and experience).**

Test Technician 2 (Inspector):

- **Requires an Associate's degree in a related discipline and 1 year of related experience or an equivalent combination of education and experience.**
- **Aerospace background with A&P license/military equivalent proficiency test/experience preferred.**

Operations

Test Technician 2 (Assembly Mechanic):

- **Requires an Associate's degree in a related discipline and 1 to 2 years of related experience, or an equivalent combination of education and experience.**
- **Aerospace background with A&P license/military equivalent proficiency test preferred.**

Test Technician 3 (Instrumentation):

- **Requires an Associate's degree in a related discipline and 3-5 years of related experience, or an equivalent combination of education and experience. Aerospace background with equivalent proficiency test/assembly experience preferred.**

Current Open Requisitions

Manufacturing Engineering

Senior Engineer, Manufacturing:

- **Requires a Bachelor's degree or higher in Manufacturing/Industrial Technology or Engineering and at least five (5) or more years of directly related experience, or an equivalent combination of education and experience.**

Associate Engineer, Manufacturing:

- **Requires a Bachelor's degree in Engineering or related science discipline or an equivalent combination of education and experience.**

Facility Engineering

Engineer, Facility Engineer and Planning

- **Requires a Bachelor's degree with 2 years of experience in rocket engine assembly and test and procurement environment or an equivalent combination or education and/or experience.**
- **Must be capable of performing the functions of an Aerojet Rocketdyne Contractor Coordinator.**
- **Requires the ability to monitor & balance departmental budget.**
- **Ability to read blueprints & understand facility systems (to include electrical, mechanical, HVAC, & pneumatics) and ability to interact & drive accountability with vendors is a must.**

Engineering

- **Intern - Systems Development, Verification and Test Engineering:**

- **Candidate must be currently enrolled in a B.S. degree program in Mechanical Engineering, Aerospace Engineering (or similar major) and have completed their junior year of study OR be enrolled in an M.S. degree program in related major**

Questions

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