

N&R Engineering assists clients by efficiently producing high quality deliverables using a customized selection of skillsets, processes, and capabilities. The collaborative relationships we maintain with our clients allow us to continually assess and respond to our clients' evolving needs.

Our Diverse Portfolio and Capabilities:

Composite Crew Module

Services Provided:

- Structural Finite Element Analysis
- Composite Structural Analysis
- Sub-Modeling of Critical Composite Area
- Probabilistic Failure Modes Analysis
- Code Creation that Translated NASTRAN Results as Inputs to the NESSUS Probabilistic Code

Hybrid Turbine Blade Project

Services Provided:

- Structural Analysis
- Mathematical Modeling of Aerospace Components

Functional Fault Modeling

Services Provided:

- Development of Functional Fault Models for Cryogenic Applications
- Development and Implementation of Functional Fault Verification

Impeller Probabilistic Mistuning HCF Analyses

Services Provided:

- The Quantification of Mistuning and its Effect on High Cycle (HCF) Life in Small Engine
- Methodology to Perform Probabilistic Mistuning Analysis to Improve HCF Life Estimates
- A Design-of-Experiments Technique to Characterize the Geometric Uncertainties in Small Engine Impellers.

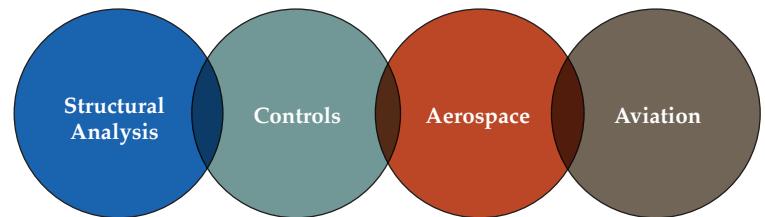
For more projects, please visit our website.

N&R Engineering Management & Services Corporation

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N&R Engineering specializes in 4 key areas:



We deliver a premium set of services that allow our clients to accomplish their objectives in the following areas:

- Probabilistic/Reliability Analyses
- Structural/Thermal/Linear/Non-Linear Analyses
- Composites Structural Analysis
- Modeling and Simulation
- Control System Design and Analysis
- Verification and Validation Techniques
- MATLAB/Simulink Capabilities
- Data Analysis and Support

Our Clients:

