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DMD SOLUTIONS

*Your trusted engineering partner in **Reliability, Availability, Maintainability and Safety.***



Who we are

A motivated team of aerospace engineers with extensive experience in RAMS analyses, maintenance procedures, health & environment and certification. Our team is goal oriented, focused on client's need and has wide international background. We are unique in our approach: the only engineering consulting company fully specialized in RAMS for the aeronautics industry.



Our Values

Quality engineering

We put dedication and thoroughness in every project, delivering high quality work which is in the heart of our company's culture.

Global solutions

We do not just sit back and wait for instructions. We offer comprehensive solutions through a deep understanding of the industry's needs.

International focus

Our diverse backgrounds and cultural awareness keeps us able to adapt to our customer's work styles.

Flexible outsourcing

We have a variety of communication channels in order to best accommodate customer's needs, always with full availability.

Specialization

It is not smart to bite off more than you can chew. That is why we keep the focus in our core expertise.

Services

Reliability

- FRACAS
- FMEA / FMECA
- Reliability Prediction
- Testability Analysis
- Failure pattern analysis
- Root cause investigation

Availability

- Turn Around Time reduction
- Project delivery support

Maintainability

- RCM
- MSG-3
- Master Maintenance Plan

Safety

- Fault Tree Analysis
- FHA / PSSA / SSA
- AFSA
- Hazard Log
- HAZOP
- Risk Assessment
- CCA / PRA / Zonal Safety Analysis

Health and Environment

- REACH: Bill of material analysis, exemptions, support documentation, categorisation of substances
- ROHS: Compliance analysis
- Problematic Substances analysis: Biocides, Persistent Organic Pollutants, GWP gases, Radioactive substances and Halons

Certification support

- Liaison with the authority, compliance substantiation for Transport Aircraft Certification (Part-23, Part-25) and Commercial Transport Helicopters (Part-27, Part-29)

Human factor

- Support for HF certification
- Analysis and design to minimise human error
- Verification of ability to maintain situational awareness

Recent Work

Check out our full services and recent projects here:

