ASI Andromeda SYSTEMS INCORPORATED

Your Supportability Teammate

RCM
Services

RCM is an analytical process that determines appropriate preventive maintenance requirements and other failure mitigation strategies for physical assets. ASI provides RCM analysis, facilitation, training, and tools to assist physical asset owners in implementing or improving cost effective maintenance programs using a non-proprietary, SAE JA1011 compliant, RCM analysis process.

Our internationally recognized staff has years of experience in applying RCM in a wide variety of industries across an extensive range of physical assets. We have completed dozens of successful RCM projects on facilities, infrastructure, military aircraft, weapon systems, vehicle fleets, data centers, manufacturing and plant equipment, mining equipment, hospitals, and more, resulting in tens of millions of dollars in cost savings and reduction of lost operational time. Our staff has participated in the development of the leading RCM standards, SAE JA1011 and SAE JA1012, as well as military and other standards. Our staff includes NAVAIR certified analysts and instructors, one of the most stringent RCM certification programs in the world. In addition to our work for the US military, we have provided RCM training and services to some of the world's leading companies. Our experience in multiple industries and flexible approach to RCM support ensures the highest possible return on investment.

BENEFITS

- Improved Operating Safety
- Hazard Risk Reduction
- Reduced Maintenance & Operating Costs
- Reduced Asset Downtime
- Increased Asset Availability & Equipment Life
- Improvement of Maintenance Programs
- Documentation Trail for Maintenance Decisions
- Reduced Implementation Time/Rapid ROI
- Non-proprietary process allows you to manage and control the analysis process

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RCM Analyzer

RCM Analyzer is a web-based software application designed to assist in performing RCM analysis and provide a repository for analysis decisions that are easily reviewed as needed. It supports an RCM analysis process compliant with SAE JA1011 and NAVAIR 00-25-403.

RCM advantages for every sector

In the defense sector, Original Equipment Manufacturers leverage our experience and understanding of governmental RCM requirements on new systems to perform analysis faster, at a lower cost, with increased customer satisfaction, compared to efforts performed in-house. Government entities rely on our experience with RCM for in-service systems to reduce maintenance costs while increasing asset reliability and availability. Commercial enterprises use our extensive knowledge of RCM on a broad spectrum of equipment with a SAE JA1011 compliant process that does not require continuing licenses or external support commitments.

RCM ANALYSIS

For customers that do not have the staff or desire to in-source analysis, ASI can provide experienced analysts to perform RCM. Our analysts have experience in a wide range of industries and are experts at working with your subject matter experts to ensure the analysis captures relevant internal experience.

RCM INTEGRATION

Integration of RCM with other initiatives and systems including CBM+, logistics data systems, and maintenance management systems can substantially increase the benefit of RCM. We support integration efforts with CMMS such as setting up equipment hierarchies and failure coding structures to providing effective data for the RCM process. We perform Maintenance Task Analysis for requirements generated by RCM and software interfaces for data flow between logistics, maintenance systems and RCM. We integrate automated data collection systems to provide near real-time failure and maintenance data to the RCM analysis.

SOFTWARE DEVELOPMENT & INTEGRATION

ASI provides state-of-the-art web-based RCM analysis software that is easy to learn and use and adaptable to all RCM processes. We can also develop, modify, or develop custom software applications to support your specific analysis needs. We are experienced in developing web-based and desktop applications and integrating RCM programs with other applications such as CMMS and LSA systems.

CONSULTING, MENTORING, AND FACILITATION

Rely on our highly experienced experts to help you set up an internal RCM program and provide mentoring until your personnel are ready to perform on their own. Where a facilitated group analysis approach is required, ASI can provide experienced facilitators for the entire analysis or, for a limited time, help develop and train your staff.

MAINTENANCE PROGRAM DEVELOPMENT & IMPLEMENTATION

ASI can assist with using the results of RCM efforts to develop efficient maintenance programs. We have worked extensively with NAVAIR's Integrated Maintenance Concept (IMC) & Event Based Maintenance (EBM) concept.

TRAINING

Our training options include regularly scheduled virtual classes as well as on-site courses. Courses can be tailored for a specific industry or program.

www.androsysinc.com • info@androsysinc.com • 904.637.2020

Corporate Headquarters: 615 Lynnhaven Parkway, Suite 104, Virginia Beach, VA 23452 • 330 Crossing Blvd., Orange Park, FL 32073
USA Offices: Crystal City, VA • Havelock, NC • Oklahoma City, OK • Patuxent River, MD • San Diego, CA