

RCM WIPT Overview

DoD Maintenance Symposium
November 15, 2007



Sean Olin
NAVAIR RCM Lead, AIR-6.7.1.2
FY 2008 RCM WIPT Chair





Topics

- What is RCM?
- What is the RCM WIPT?
- Who are the players involved?
- Charter
- Major efforts and status
- How to find out more
- Presentations





What is RCM?

What is RCM?

- RCM is a logical, structured process used to determine the optimal failure management strategies for any system based upon system reliability characteristics and the intended operating context
- RCM defines what must be done for a system to achieve the desired levels of safety, environmental soundness, and operational readiness, at best cost
- RCM is to be applied continuously throughout the life of any system





What is the RCM WIPT?

- Working Integrated Product Team
- Service representative RCM leads
- Bimonthly meetings to coordinate RCM efforts, and to promote understanding and knowledge sharing
- Development of cross-service documentation, training, and interface capability





RCM WIPT Involvement



- Customers
 - OSD AT&L
 - OSD MR&MP
 - USMC
 - DON
 - USAF
 - USA
- Stakeholders
 - DAU
 - Material Commands
 - Systems Commands
 - PEOs
 - PMs
 - Contractors
 - DLA
 - Operating Forces
 - Requirements Commands
 - Operational Test Commands
 - Milestone Decision Authority
 - OSD
 - Contracting Officials
 - JLC
 - RCM Advocates





RCM WIPT Charter



- Team Mission
 - To develop a DoD approach for the RCM process, to be used in support of the CBM+ DoDI
- Team Goals
 - Develop a DoD RCM Guidebook
 - Collect and post information on a DoD RCM Website
 - Develop RCM Metrics that tie to TLCISM Metrics
 - Assist formal coordination of the CBM+ DODI
 - Develop DAU CLMs for RCM





Major Efforts



- DoD RCM Guidebook
 - Outline produced. Text in work to forward to WIPT, services.
 - Will not supplant individual service training, certification, or planning
- DoD RCM Community Site
 - <https://acc.dau.mil/CommunityBrowser.aspx?id=111386>
- RCM Metrics
 - All services have provided metrics for inclusion in guidebook, sharing across services
- RCM Training
 - CLM Module for DAU
- DoD Instruction for CBM+
 - Contains appendix pertaining to RCM
 - Submitted for signature





How to find out more



- **DoD RCM Community Site**
 - Reached via Defense Acquisition University
 - <https://acc.dau.mil/CommunityBrowser.aspx?id=111386>
- **RCM WIPT Meetings and Minutes**
 - Bimonthly, at LMI Facility in McLean, VA
 - Promulgation of minutes and results through service reps
 - POC Dave Robertson, LMI, 703-917-7177





Today's Presentations



- Rules, Tools, and Schools
 - Steve Cushmanick, CACI
- CH-47 RCM Program
 - Nancy Regan, The Force, Inc.
- US Army Ground Vehicle Logistics
 - Kimduyen Tran, TACOM

