

Reliability Centered Maintenance Time Directed Solution

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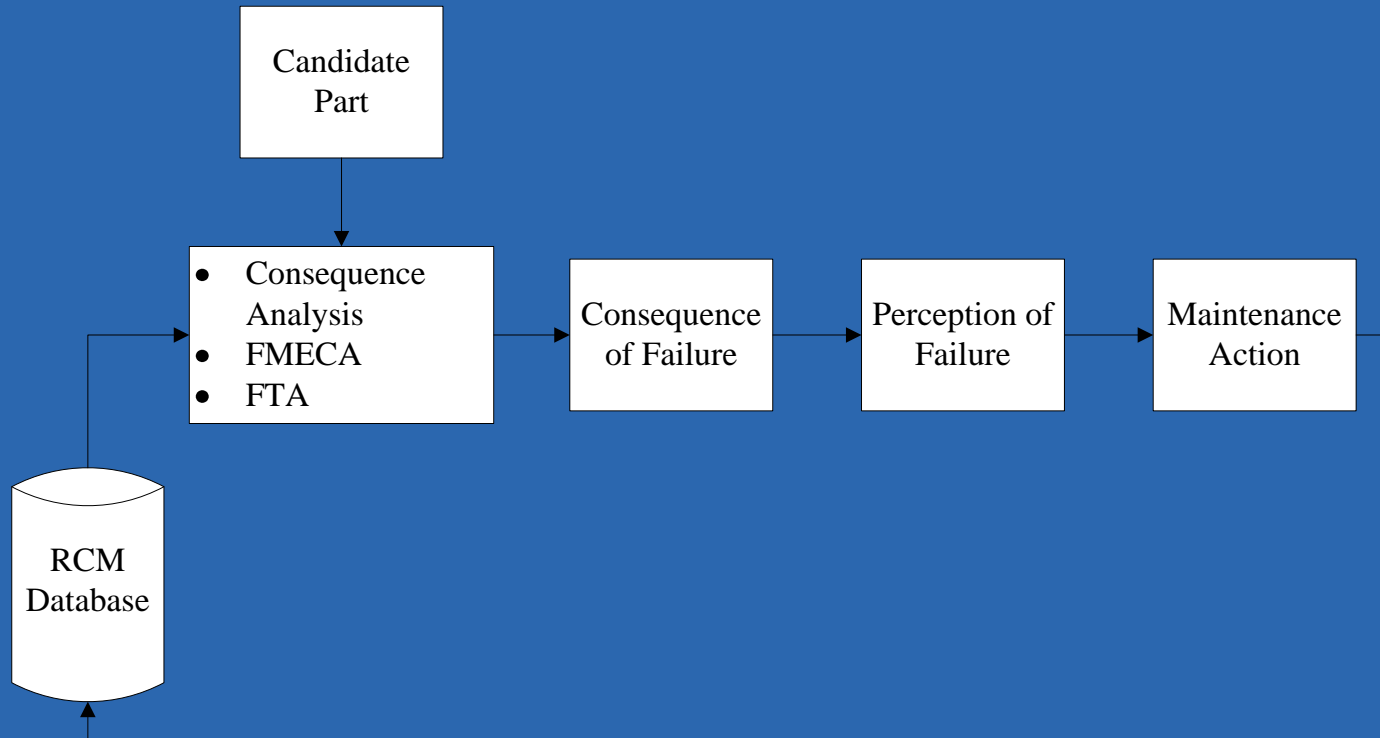
Overview

- Reactive Maintenance - USM
- Proactive Maintenance - SM
 - Current Practice
 - Preventive Maintenance
 - Changing Oil
 - Reliability Centered Maintenance
 - Condition Based Maintenance
 - Time Directed Maintenance
 - No Maintenance Solution

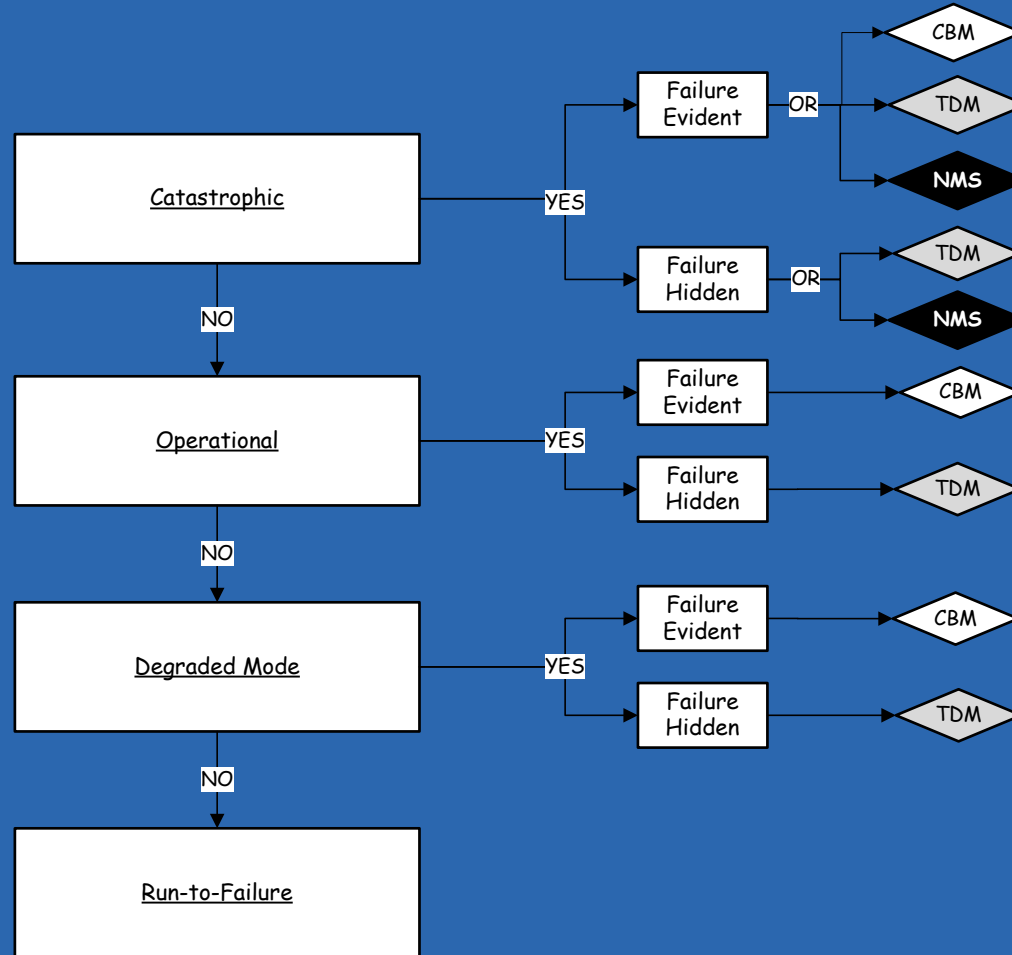
Purpose

- Review on Current TDM Solutions
 - How is it implemented
- Research leads me to
 - Time \neq Stress

How do we get to TDM

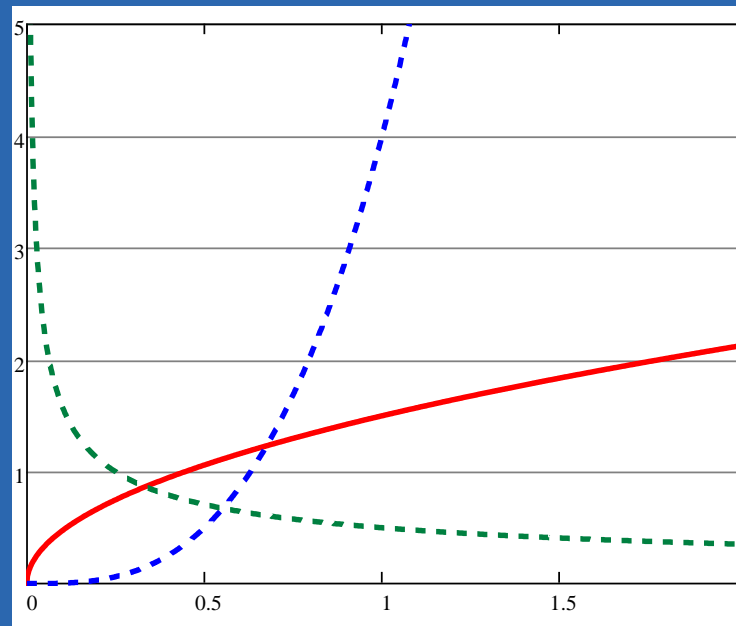


Decision Tree for RCM



Findings - Useful

- 8 Focused on the Decision Logic of RCM
- 1 Source used the Hazard Function



Findings - Logistical

- Logistical/cost analysis on TDM
 - Total Product Management Benefits
 - Cost Analysis

Findings – Off Topic

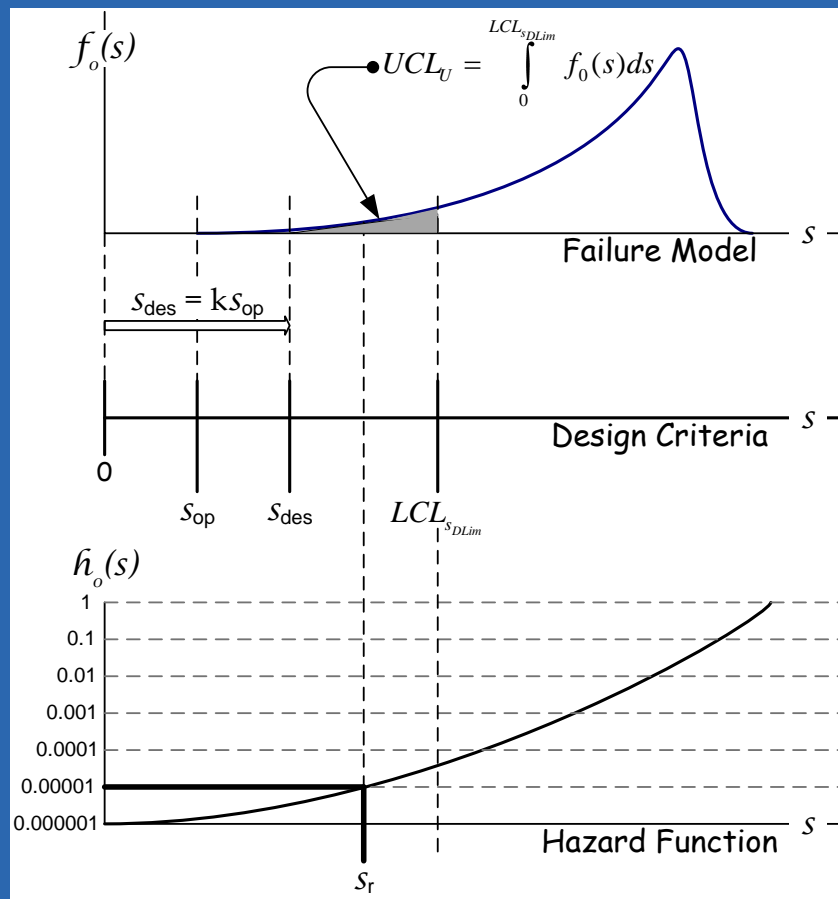
- Off topic to logic of TDM flow chart
 - Spare Ordering Policy
 - Information Systems
 - Cleanliness of Equipment

Findings

- TDM Sources focused on
 - Implementing RCM
 - Cost Analysis

Very little has been done on Time Directed Maintenance relating to stress

Hazard Function



Conclusion

- Stress Loads Related to the Hazard Function
 - Risk Threshold
- Stress Profile Related to Part Failure

Questions

For Questions or comments
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