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RCM Mate

RCM program compliance to NASA guide and RCM-II (John Mobley) with special features in ;

- Drill down to maintainable item,
- 10 years Life Cycle Cost
- Resources, Risk Assessment Matrix
- 10 Years scheduling
- Utilize Weibull and Half-life to determine schedule

Perform

Function: To carry weight (load) 1000 kg with 4 passenger

Function Failures: Unable to maintain stable driving

Failure Mode: Shock absorber fail

Failure Code: ELU:External leakage - Utility medium

Consequence Category: B-Evident safety and/or environment hazard

Risk Assessment Matrix
 Code: 4d1.00
 Severity Class: D Loss: 100 %

Weibull Design

Loss / Defect: C FCA-1 MTBF (year): 800 Weibull

Equipment Damaged: 56546 FCA-2 Useful Life (years): 4000

MTTR-hour: 56 FCA-3 Weibull Slope Factor: 0.2

FCC-1, Incipient Failure: I Failure Starting Time: 800

Warning sign before failure occurs: F CDF, Consequences:

Warning Sign, Can monitor by: F Reject Failure Probability %: 0.55 %

Failure Pattern Shape: F

Special Tools Name: Redesign Mode

Special Parts Name:

Action by: On condition maint Task Strategy OK

Recheck Task Strategy: Status:

Action: Remark:

System Effect... Tag No... Save Close