

Reliability Growth Planning and Management

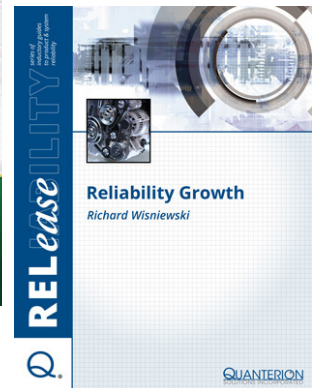
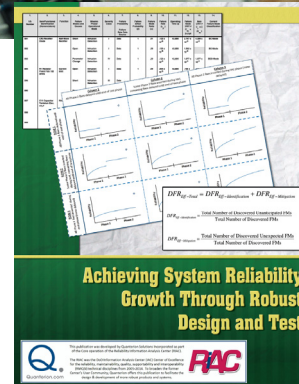
What is it?

Reliability growth is what occurs when failure modes/mechanisms are identified, but only after their root causes are physically eliminated or mitigated in a design/process. It should start early in the design phase and continue through the entire life cycle. Reliability growth planning and management controls reliability achievement as a function of available resources and reallocates resources based on comparisons between planned/measured reliability at strategic milestones.



What's the payoff?

Provides increased confidence that reliability requirements can be met. It asserts control over how reliability growth occurs, how robust a design/process needs to be to achieve it, and what resources are necessary to implement it. The net result is an overall reduction in product/system Total Life Cycle and Total Ownership Costs.



How can we help?

- › Develop a Reliability Program that implements reliability growth management principles early in the design and development process
- › Perform analyses and make recommendations that achieve continuous reliability growth throughout the life cycle
- › Develop reliability growth planning curves, track actual reliability growth against those curves, and project future reliability using current reliability growth models
- › Develop customized tools/databases for planning/tracking reliability growth