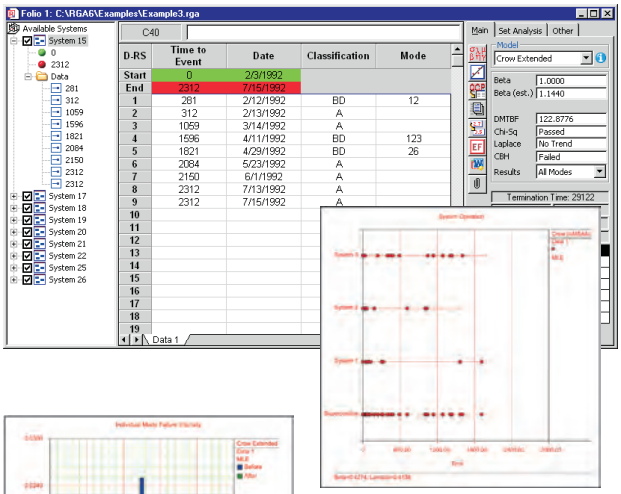
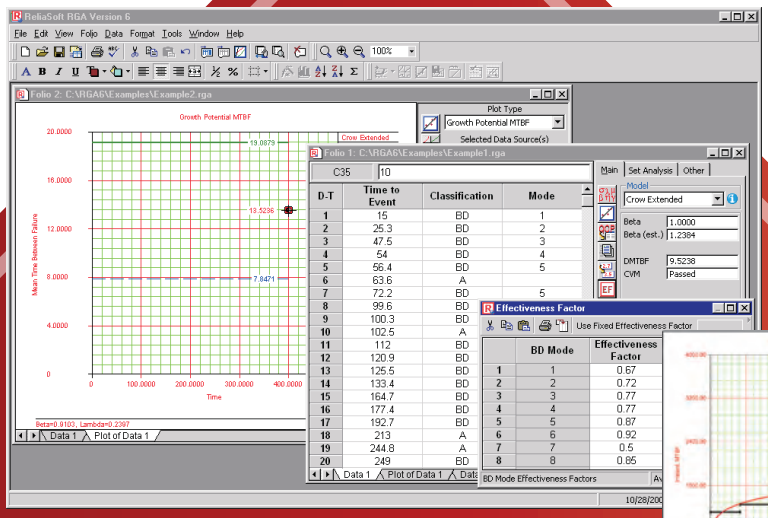
RGA

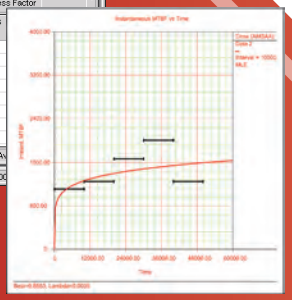
All major reliability growth models plus repairable systems analysis that makes the most of a limited data set

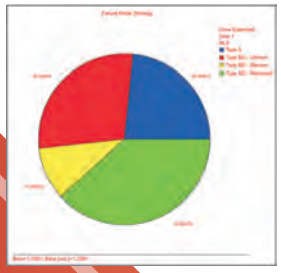


ReliaSoft's RGA software combines the most comprehensive and powerful reliability growth analysis software with fielded (repairable) systems analysis capabilities for determining the optimum overhaul time and other results without the detailed data sets that would normally be required.

The development of RGA was a joint effort between ReliaSoft Corporation and Dr. Larry Crow, the leading authority in the field of reliability growth analysis, along with key development partners in government and industry. This collaboration has resulted in an application-oriented software package with all of the major reliability growth models, plus formulations that are not available anywhere else.







http://RGA.ReliaSoft.com

Reliability Growth Projections and Repairable Systems Analysis

RGA is available in two editions: Standard and Professional. **RGA Standard** is an entry-level tool for the reliability professional interested in basic reliability growth analysis. **RGA PRO** includes all the features of the standard version and unleashes years of R&D in implementing advanced analysis techniques. This includes the ability to analyze fielded (repairable) systems data and perform reliability growth projections using statistical models and analysis methodologies developed by Dr. Larry Crow, which are exclusively available in **RGA PRO**.

Platform

Windows NT, 2000, XP or Vista.

Integration

Weibull++ and XFRACAS.

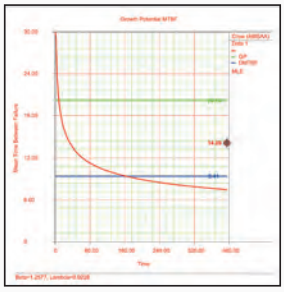
Support

ReliaSoft's unparalleled after-sale support includes free telephone, fax or e-mail support. Free minor version updates are also included.

Reliability Growth Analysis and Results

Both **RGA Standard** and **RGA PRO** support all of the traditional reliability growth analysis models: Crow-AMSAA (N.H.P.P.), Duane, Standard Gompertz, Lloyd-Lipow, Modified Gompertz and Logistic. You can use these models to analyze time-to-failure (continuous), success/failure (discrete) and reliability data from a variety of types of developmental (reliability growth) tests. Analysis results and plots include:

- MTBF, Reliability or Failure Intensity given time (cumulative or instantaneous)
- Expected Number of Failures given time
- Time/Stage to achieve a given MTBF or Failure Intensity

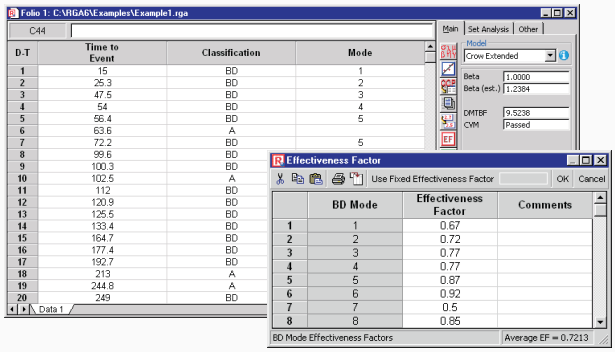


Reliability Growth Projections, Planning and Management

RGA PRO provides full support for the enhanced data analysis methodology developed by Dr. Larry Crow to address the different types of developmental (reliability growth) testing strategies that can be employed, test-fix-test, test-find-test or test-fix-find-test.

This methodology enables reliability growth projections and provides a method to evaluate the reliability growth management strategy. Analysis results, plots and charts include:

- Demonstrated MTBF or Failure Intensity
- Projected MTBF or Failure Intensity
- Maximum Growth Potential
- Unseen Failure Modes



Fielded (Repairable) Systems Analysis

RGA PRO also supports the data analysis methodology developed by Dr. Larry Crow to combine data from multiple fielded repairable systems into a single "superposition" system that can be used to estimate the optimum overhaul time (given repair and overhaul costs) and other metrics of interest **without the detailed data sets that would normally be required**.

Unparalleled Supporting Features

RGA also provides all of the supporting features that you have come to expect from ReliaSoft's software, such as an intuitive graphical interface, extensive graphical plotting, automated report output (to Microsoft Word® or Excel®), custom analysis tools (General Spreadsheet, Function Wizard), supplementary analysis tools (Quick Statistical Reference, Design of Reliability Tests), and integration with **Weibull++** and **XFRACAS**.

ReliaSoft

TOOLS TO EMPOWER
THE RELIABILITY PROFESSIONAL