



MPC

An MSG-3 Compliant Maintenance Program Creator

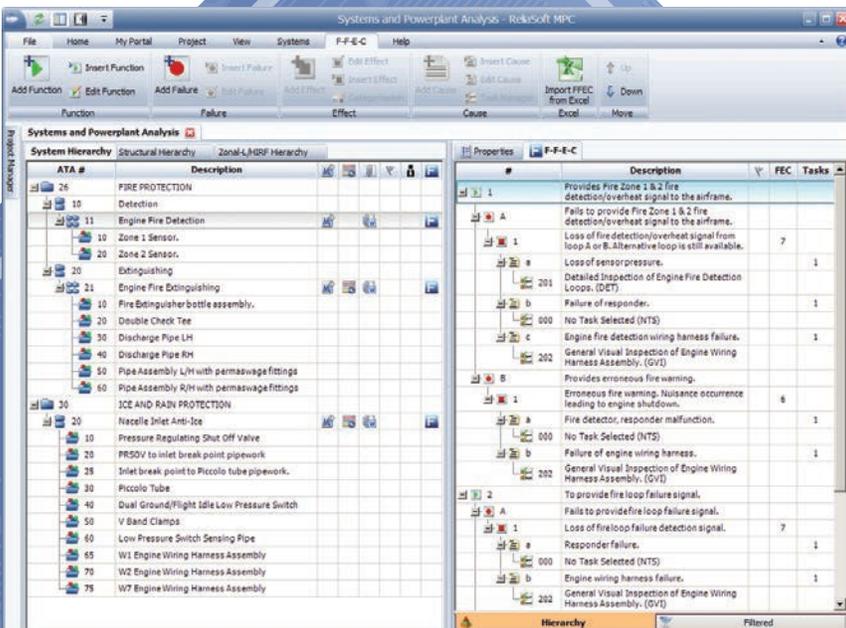
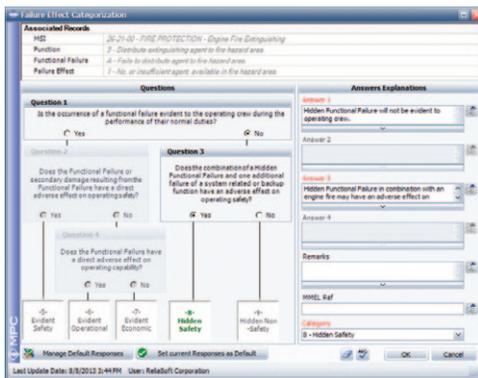


ReliaSoft's MPC is an MSG-3 compliant maintenance program creator for the aircraft / aerospace industry. It facilitates the analysis process, provides flexible data management capabilities and offers automated report generation in templates that have been accepted for submission to the aircraft industry maintenance review board. The software is available in two versions:

MPC Standard supports the entire process for aircraft Systems and Powerplant Analysis.

MPC Plus includes additional support for aircraft Structural Analysis and Zonal-L/HIRF Analysis.

MPC is part of the Synthesis Platform®.



<http://MPC.Reliasoft.com>

SOFTWARE HIGHLIGHTS - RELIASOFT'S MPC

MSG-3 Systems and Powerplant Analysis

- Predefined Systems and Subsystems
 - Based on ATA iSpec 2200
- Identify Maintenance Significant Items (MSIs)
- Functional Failure Analysis (F-F-E-C)
- Failure Effect Categorization (FEC)
 - Evident Safety
 - Evident Operational
 - Evident Economic
 - Hidden Safety
 - Hidden Non-Safety
- Maintenance Task Selection
 - Lubrication (LUB) or Servicing (SVC)
 - Operational Check (OPC)
 - Visual Check (VCK)
 - General Visual Inspection (GVI)
 - Detailed Inspection (DET)
 - Special Detailed Inspection (SDI)
 - Scheduled Structural Health Monitoring (S-SHM)
 - Functional Check (FNC)
 - Restoration (RST)
 - Discard (DIS)
- Check MSI Analysis (highlights potential discrepancies in the application of MSG-3 logic)

Automatic Report Generation

- Microsoft Word® or Microsoft Excel®
- Easy to modify, print, PDF and distribute
- Choice of predefined templates for MSI reports (Standard, Dassault and Sukhoi)
- Customizable report templates

Real Power for Real Applications

Some of the benefits of using the MPC software to facilitate the analysis and reporting for MSG-3 analysis include:

- Guides analysts through the process to implement the MSG-3 logic.
- Provides centralized data storage that allows multiple users to cooperate on the analysis and makes it easy to reuse relevant information from prior analyses.
- Automatically generates the complete maintenance program report document in Microsoft Word®. This report can be generated in a fraction of the time required to manually prepare report documents.

Why Upgrade to Version 10? (for details, visit <http://MPC.ReliaSoft.com/version10.htm>)

- Major upgrades to the Synthesis Platform®, such as expanded actions tracking, automated watches and alerts, better integration with Active Directory® for user account management, and the option to implement a Synthesis Enterprise Portal website.
- New analysis options in MPC Plus, including fatigue damage analysis, Detectability and Composition ratings for environmental deterioration analysis, Residual Strength and Damage Growth ratings for accidental damage analysis.
- A new report that lists all tasks in the project from all analysis types, and expanded options for tasks reports in structural and zonal analysis.

Description & Operation (D&O) Documents

- Attached to the Analysis
- Integrated into Report Output

MSG-3 Structural Analysis (Plus Only)

- Predefined Structures and Sub-Structures
 - Based on ATA iSpec 2200
- Identify Structural Significant Items (SSIs)
- Configurable Rating Systems
 - Environmental Deterioration Analysis
 - Accidental Damage Analysis
 - Fatigue Damage Analysis
- Structural Analysis Tasks
 - General Visual Inspection (GVI)
 - Detailed Inspection (DET)
 - Special Detailed Inspection (SDI)
 - Scheduled Structural Health Monitoring (S-SHM)

MSG-3 Zonal-L/HIRF Analysis (Plus Only)

- Predefined Major Zones
 - Based on ATA iSpec 2200
- Logic for selecting the appropriate analysis
- Configurable Rating Systems
 - Standard Zonal Analysis
 - Enhanced Zonal Analysis
 - L/HIRF Analysis
- Zonal Analysis Tasks
 - General Visual Inspection (GVI)
 - Transfer "zonal candidate" tasks from other analyses

Facilitating Team Effort

- Management of "Working Group Stamps"
- Option to store notes and status updates
- Option to flag portions of the analysis
- Link or attach other related files

Data Management

- Import from Excel
- Cut/Copy/Paste or Drag & Drop
- Browse and import from existing analyses
- Find and reuse existing text descriptions
- Import into RCM++, Xfmea or RBI

Centralized Data Storage

- Standard Repository
- Microsoft SQL Server®
- Oracle®
- Simultaneous Access by Multiple Users
- Check-in and Check-out
- Shared Analysis Settings and Data
- Flexible User Access Levels
- Restore Points (to roll back to a previous stage in the analysis)

Integration

Integration with all other Synthesis Platform applications.

Available Services

- Detailed Online Help File
- Detailed User Documentation
- Practical Example Files
- Professional Consulting Services