

“Gather Information Checklist”

(for System and Design FMEAs)

For System and Design FMEAs, the following information needs to be readily available to the System or Design FMEA team.

- Bill of Materials
- Past Design FMEAs
- Current System FMEA (if performing a Design FMEA at the subsystem or component level)
- Warranty, recalls and other field history
- Engineering requirements (functional, performance, operating environments, etc.)
- Drawings and schematics
- Applicable government or safety regulations
- Test procedures
- Preliminary Design Verification Plan
- Preliminary test data (if available)
- FMEA Block Diagram, P-Diagram, FMEA interface matrix, and Functional Block Diagram
- Quality Function Deployment (QFD) (if available)
- Results of design concept selection or trade-off studies
- Actual parts (similar to design intent)
- List of specific design changes
- Other information in addition to field history and test results that will help establish failure frequencies
- Other documents and information that highlight the nature of the design concept

This checklist is from the book “Effective FMEAs”, written by Carl S. Carlson, published by John Wiley & Sons, ©2012, all rights reserved