

Warner Robins Air Logistics Center



Application of Prognostic Health Management in Digital Electronic Systems

Frank Zahiri
802 MXSS/MXDTC
(478) 926-8831



Application of Prognostic Health Management in Digital Electronic Systems



- Development of robust prognostics for digital electronic system health management will improve device reliability and maintainability.
- Techniques from a variety of disciplines are required to develop an effective, robust, and technically sound health management system for digital electronics. The technical approach should integrate collaborative diagnostic and prognostic techniques from engineering disciplines including statistical reliability, damage accumulation modeling, physics of failure modeling, signal processing and feature extraction, and automated reasoning algorithms.



Wrap-up and Discussion