

CHIEF MAINTENANCE PROGRAM

SERVICE OVERVIEW



OUR SERVICE

Maintenance solutions for mechanical systems utilizing large transport-category aircraft maintenance program principles (MSG 3) to **significantly reduce unscheduled system downtime.**



Complete structural and systematic preventive maintenance



Scheduling for preventive maintenance tasks



Work completion accountability



Single-source, complete-system maintenance requirements

COMPONENTS

THREE MAIN COMPONENTS POWER THE PROGRAM:



MAINTENANCE REQUIREMENT DOCUMENT

Maintenance Requirements Document (MRD) provides:

- Tasks to ensure the system adheres to the original engineering design specifications
- Intervals in which tasks are required to be accomplished
- Specific numbering and tracking codes to allow packaging of tasks
- Time tracking tools to eliminate reactive maintenance
- Feedback mechanism to communicate when tasks have or have not been completed



WORK CARDS

Task Work Cards provide:

- Bundled individual tasks to efficiently complete work within the allowable periods of maintenance
- Detailed instructions and visual references to aid in task work
- Ancillary materials and procedures to ensure work is accomplished at a high quality level
- Accountability by requiring a personal sign-off when a task is completed, and in critical tasks, a second sign-off to ensure the work was completed correctly (driven by the customer's requirements)

Incorporation of a Non-routine Work Card, which is a document completed for all maintenance not covered under a Task Work Card, increases accountability by:

- Providing data of down-time causing failures requiring further analysis of the maintenance program
- Ensuring all work performed on the system is documented



MAINTENANCE MANUAL

The Maintenance Manual provides the repository for all maintenance data including:

- All maintenance work cards
- Complete system schematics and or appropriate engineering diagrams
- All manufacturer technical data
- All videos, special instruction diagrams and parts list available

The Maintenance Manual provides easy access to data by utilizing point and click navigation and cross-referenced material.



COLLABORATION

Many aspects require collaboration among the customer, manufacturers, and Chief Engineering.

- Ensuring the MRD is scheduled according to scheduled downtimes of the customer
- A period of time on site to ensure all tasks are in logical order and are efficiently accomplished
- On-site implementation assistance to ensure accurate task flows and technician satisfaction
- A review of the accountability time constraints to ensure they fit the customer's requirements
- Agreement on second signature items including both the item and the authority level
- A review of tribal system knowledge
- Ongoing feedback on card completion and non-routine items for data collection and analysis



CONTACT US

Let's get started.

Contact us through our website at **chiefengineering.us** to begin building your program today.

