Business Consulting: Optimized Maintenance Programs

Support and Services

MAINTENANCE AND ENGINEERING SOLUTIONS

Business Consulting

Optimized Maintenance Programs

Maintenance costs make up around 10 percent of an airline's overall operating cost. Comprehensive analysis of maintenance data offers valuable insight into cost reduction opportunities. Using Boeing's proprietary tools, methodology, design and certification expertise, we deliver a customized program optimized for an airline's maintenance operation.

Optimized Maintenance Programs have generated proven results of $15M to $20M average annual value

The Optimized Maintenance Program uses highly-specialized proprietary algorithmic tools to perform a custom statistical analysis comprised exclusively of the airline's maintenance data. The analysis is enhanced through a detailed engineering data assessment considering unique maintenance capabilities and constraints. The optimized program complements the airline's operational strategy and drives value for fleets of all sizes and business models, resulting in:

- Reduced ground time for scheduled maintenance
- Increased airplane availability – leading to additional revenue operation days
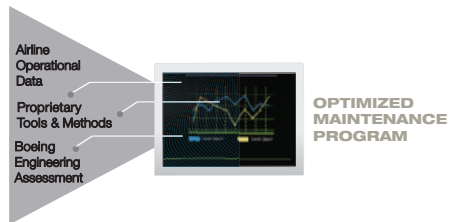- Reduced labor and material cost

How it works:

During the first phase of the engagement, a team of Boeing experts:

- Collect and digitize an airline's maintenance data
- Analyze scheduled and unscheduled maintenance findings to calculate probabilistic task interval models
- Benchmark airline maintenance performance against industry best practices

The Boeing advantage:

- Extensive knowledge of airplane design, certification, and maintenance program development
- Approval of processes and tooling from regulatory authorities worldwide

- Establish the most efficient maintenance intervals and optimize work packages
- Assist with regulatory approval of new maintenance programs
  Provide tools and training to support the implementation process
- Monitor results and provide annual updates in a subsequent phase

Airline Operational Data

Proprietary Tools & Methods

Boeing Engineering Assessment

OPTIMIZED MAINTENANCE PROGRAM

Contact us at BusinessConsulting@boeing.com to discuss your requirements.

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