



OPERATIONAL PERFORMANCE

Fuel Conservation Services



LIFECYCLE
SOLUTIONS

FUEL CONSERVATION SERVICES

As an offering within Boeing LIFECYCLE SOLUTIONS, we deliver Fuel Conservation Services that optimize fuel usage across your entire fleet. Boeing provides comprehensive analysis of your operations, focusing on areas directly related to fuel usage.

Through the use of Boeing's detailed analyses and the application of tailored processes and procedures, you are able to optimize your fleet operations and required fuel quantities, reduce operational aircraft weight, and improve aerodynamics, all while reducing carbon emissions. Boeing provides detailed guidelines, methods, and recommendations that can help you realize reduction of your fuel.

Improving fuel efficiency and environmental performance.

Boeing recognizes the serious challenges facing our ecosystem and is committed to reducing the effect of its operations, products, and services on the environment. Our greatest contribution to meeting the challenge is to pioneer new technologies and processes for environmentally progressive products and services.

OPTIMIZING YOUR OPERATIONS TO MAXIMIZE AIRPLANE FUEL EFFICIENCY



Optimizing performance.

Fuel conservation touches every part of your business, not just Flight and Maintenance Operations.

Fuel Conservation Services improve the operational efficiencies of your airline by looking at your operations from a holistic point of view to identify, evaluate, and implement best practices across your fleet and your organization.

How Boeing's Fuel Conservation Services Work

| Phase | Activity | Value |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Initial Analysis | <ul style="list-style-type: none"> ■ Perform on-site review of ground and flight operations, data, and procedures. ■ Identify process improvement opportunities. | <ul style="list-style-type: none"> ■ Quick win improvements for immediate impact. ■ Actionable items for fuel conservation. ■ Initial process improvement recommendations. |
| Problem Solving | <ul style="list-style-type: none"> ■ Perform detailed root cause analysis in targeted areas. ■ Design cross-functional updated policies, processes, and procedures. ■ Develop a solution-based process optimization. | <ul style="list-style-type: none"> ■ Data and process driven (as opposed to formula driven). ■ Optimization of fuel-related operation processes and procedures. ■ Improvements to fuel data analysis, tracking, and control. ■ Efficient implementation of optimizations for earlier savings. |

The Boeing advantage:

- Applying end-to-end process knowledge.
- Leveraging broad implementation experience.
- Understanding root causes of excess fuel usage.
- Implementation and business process re-engineering.
- Optimizing the fuel-related policies, processes, and procedures for flight, ground, and maintenance operations.
- Improving flight planning, monitoring, and managing of data.

Boeing's unique advantage.

Boeing applies its depth of airplane knowledge and operating expertise with a breadth of experience in analysis and integrated solutions to create a customized fuel management program for your airline.

The difference is in the value.

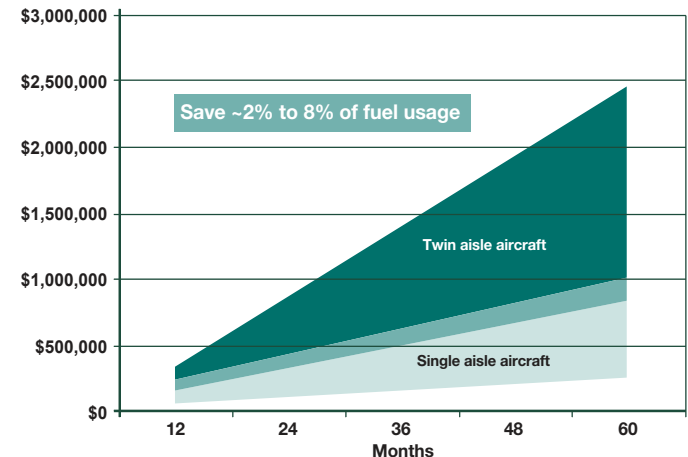
- Increased range and payload.
- Decreased overall flight weight by 500 lb (227 kg) to 2,000 lb (907 kg).
- Savings begin on day one of the program implementation.
- Expected return on investment (ROI) of 6 months or less.



Tailored to the way you do business.

No single solution fits every airline. You can rely on Boeing to work with you to develop customized solutions that will enhance your business strategy.

Potential cumulative savings per aircraft.





Boeing Commercial Airplanes

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