Fuel Performance Management
Boeing delivers LIFECYCLE SOLUTIONS, including products, services, and support that maximize the value of your fleet throughout its lifetime. **Fuel Performance Management** reduces fleet fuel consumption by providing timely and accurate information that improves the accuracy of flight plans and alerts airline personnel of airplane performance trends that impact fuel usage. By using real-time aircraft data processed with advanced statistical methods, **Fuel Performance Management** increases pilot and dispatcher confidence in flight plans, resulting in fewer orders for excess fuel.
Significant savings. **Fuel Performance Management** can provide annual savings averaging tens of thousands of dollars per airplane. Savings will vary widely from airline to airline depending on their unique operations, fleet mix, and existing fuel management practices. In general, savings result from:

- **Reduced labor costs:**
  Costs are trimmed by reducing the administrative tasks such as downloading information from the airplane, analyzing it, and developing action plans for updating flight plans and performing maintenance actions. This frees staff time to focus on skill-critical tasks.

- **Improved fuel use planning:**
  Fuel costs can be trimmed by using more accurate data in flight plans, thus reducing the need to order excess fuel due to uncertainty. In addition, revenue can grow when excess (discretionary) fuel is eliminated, allowing you to free up weight for revenue-generating payload (i.e., passengers and/or cargo).

- **Increased maintenance efficiency:**
  Fuel costs are reduced by alerting you to maintenance issues on poorly performing airplanes in a more timely manner, allowing for more rapid resolution of costly problems.

**Technical considerations.**
Fuel Performance Management is available for all in-production Boeing jetliners and a significant number of out-of-production models. Performance parameters are sent from the Aircraft Condition Monitoring System (ACMS) via the Airplane Communications Addressing and Reporting System (ACARS). After being processed and analyzed by the Fuel Performance Management system, the information is delivered in a user-friendly format through the MyBoeingFleet.com portal.

**Comprehensive solutions.**
**Fuel Performance Management** is continually expanding to include a comprehensive suite of fuel performance management tools. Already on the drawing board are new features for tracking the health of an airline's fuel-related operations and providing tools that measure compliance with specific fuel saving goals.

**Questions or comments?**
If you have questions or comments concerning the **Fuel Performance Management** system, send an e-mail to: FuelPM@Boeing.com

This subscription service represents a progression of technological advances that Boeing has offered its customers over the years. At a time of high, uncertain fuel pricing, it is a valuable tool to strengthen efficiency and profitability.

**Fuel Performance Management: Diverse capabilities.**

The diverse capabilities of **Fuel Performance Management** generally fall into four categories:

1. **Insight Into Fleet Performance Levels**
   Information downloaded from each flight is analyzed through Boeing proprietary algorithms and converted to up-to-date flight planning factors that are easily transferred to your flight planning system. Alerts for changes to the airplane are identified within the application and sent via up-to-date e-mail.

2. **Alerting**
   The system identifies abrupt changes in performance that suggest the need for maintenance or other actions.

3. **Benchmarking**
   Benchmarking techniques are used to compare an airplane’s performance to the performance of other Boeing airplanes of the same model type and age.

4. **Data for Offline Analysis**
   A number of CSV and graphics file downloads are provided for further analysis offline and quickly generating management reports for the health of your fleet.
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