THE B787 DREAMLINER
FUTURE UNFOLDING

Kenya Airways
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THE NEW B787 DREAMLINER

FLYING INTO THE FUTURE

It's More Than a Dream. Imagine a future where passengers arrive more inspired by the flying experience they had. Image their surprise from the beautiful views they had from the bigger dimmable windows and the lighting that changed to help reset the biological clock. Imagine their satisfaction with more space for their belongings. Image all this and lower fuel consumption, less noise, less emissions, and lower operating costs. Imagine all this. We did. It's more than a dream.

The Boeing 787 Dreamliner.

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B787 DREAMLINER
VISIONARY DESIGN

Fundamental innovations
- Composite structure
- More-electric architecture
- Advanced aerodynamics
- Next-generation engines
- e-Enabled systems

Breakthrough passenger experience
- Large dimmable windows
- Dynamic LED lighting
- Lower cabin altitude
- Cleaner air

Lower costs, new revenue opportunities
- 20 percent lower fuel consumption
- Carry more cargo
- Less maintenance, more productivity
- Lowest operating costs class

Superior environmental performance
- Quieter for communities
- 20 percent lower CO^2 emissions
- Well below ICAO limits on other emissions manufacturing
- Lean practices reduce waste
- Composite recycling

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THE DREAMLINER INTERIOR

COMFORATBLE AND RELAXING

The B787 Dreamliner was designed with the passenger in mind, right from the start. All elements work together; all technology is integrated for a significantly better passenger experience. The interior is designed to connect passengers with the positive aspects of flying. Such a demonstrably superior experience makes the B787 the airplane passengers will prefer, optimising its revenue-generating potential.

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B787 DREAMLINER
ADVANCED AERODYNAMICS

The B787's highly advanced aerodynamic technologies dramatically improve airplane performance and reduce operating costs.

- High-aspect-ratio design
- Raked wingtips
- Smooth wing technology
- Variable-camber trailing edge
- Smaller flap-track fairings
- Laminar flow nacelles
- Reduced drag
- Lower fuel consumption
- Mach 0.85 long-range cruise speed

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STATE-OF-THE-ART FLIGHT DECK
WITH COMMONALITY

State-of-the-Art Flight Deck

The B787 Dreamliner features a state-of-the-art flight deck that balances commonality with the latest enhancements. New technologies are integrated while still maintaining a significant amount of commonality with other airplanes, particularly the B777. Familiar Boeing controls, displays, and procedures all support shorter transition periods to the B787 from other Boeing family members, enabling efficient mixed fleet flying.

- Customisable wide-screen displays
- Dual Head Up Displays (HUDs) enhance efficiency and safety in all phases of flight
- Dual Electronic Flight Bags (EFBs) reduce flight deck paper and enhance efficiency
- Electronic checklists
- Open architecture allows easy upgrades
- A flight deck pilots will love
- Common type rating with the B777
- 5-day transition time from the B777

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NEXT-GENERATION
ENGINES AND NACELLES

The B787's advanced engines incorporate a bypass ratio of about ten, compared with today's engines, which have a bypass ratio of about seven. This high-bypass ratio allows the engine to be quieter for the community and significantly lowers fuel consumption and emissions. Chevrons on the innovative nacelles significantly reduce noise.

- Laminar flow nacelles reduce drag
- Innovative chevrons reduce airplane noise
- Next-generation, high-bypass Trent 1000 and GEnx engines reduce fuel consumption, emissions, noise, and maintenance costs

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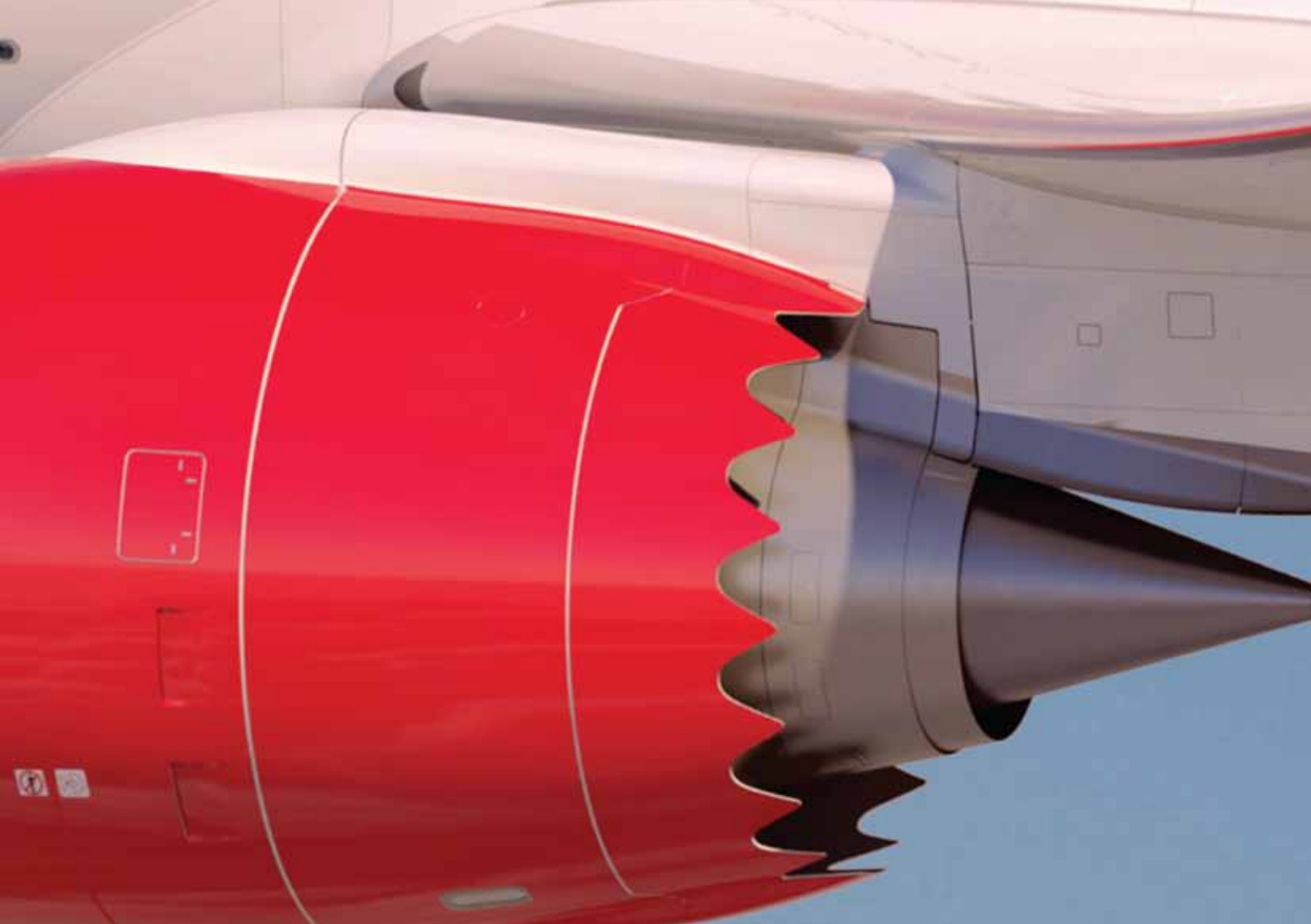

CLEANER AND QUIETER
FOR EVERYONE

Improved Fuel Efficiency and Lower Noise
Advanced aerodynamics, lightweight structures, optimum system use, and more efficient engines all contribute to a 20 percent reduction in fuel consumption and CO^2 emissions. The B787 also uses a number of new technologies to reduce community noise, making the noise footprint 60 percent smaller than similarly sized airplanes.

Benefits Contribute to the Bottom Line Lower noise and environmental-impact fees further reduce the operating costs of the B787. In an era of continually rising fuel costs, efficiency of the B787 is a built-in hedge. The fuel cost advantage of the B787 over other airplanes increases with every increase in the price of crude oil.

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THE DREAMLINER ADVANTAGE

UNMATCHED IN EVERY ASPECT

Gain the B787 Dreamliner Advantage. Fuel consumption is reduced by 20 percent. Residual values will be higher. Passengers are provided a more enjoyable, relaxing, and comfortable air travel experience. The airplane is more flexible, with improved reliability. Cruise speed is Mach 0.85. Design is simpler, with fewer parts for easier maintenance. Airframe maintenance costs are reduced by 30 percent. Operating costs are reduced by 15 percent. The B787 Dreamliner – better for the airlines, the passenger, and the environment.

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B787 DREAMLINER
THE DREAM TAKES FLIGHT

A new era in aviation has begun. Boeing is proud to be working with premier airline customers to shape a world in which people can fly where they want to go, when they want to go. Creating a new passenger experience, and a new way of doing business. Listening to customers and providing solutions like the B787 that help customers succeed and reach their highest dreams.

The New Boeing 787 Dreamliner.

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