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“Boeing and its 160,000 employees around the world are committed to investing in technologies and ideas that will continue to advance human development, improve environmental performance and inspire the world well into our second century.”

In 2016 — a year when Boeing marks its centennial — aerospace continues to play an indispensable role in our society. While it’s worth celebrating our achievements and the people responsible for them, we’re even more excited about the innovations yet to come — including important work to improve our environmental performance.

Strong environmental performance is necessary to ensuring a healthy planet *and* our long-term business success. Accordingly, we continue to improve efficiency and reduce environmental impact as we design, build, deliver and support commercial aircraft and defense and space products. The Boeing 787 Dreamliner, for example, is the most fuel-efficient airplane in its class, reducing fuel use and carbon dioxide (CO₂) emissions by 20 to 25 percent compared to airplanes they replace. And last year, a Boeing-built 702SP satellite became the world’s first all-electric propulsion satellite to begin operations.

We’re also focused on finding innovative ways to further reduce greenhouse gas emissions, water intake and solid waste sent to landfills through 2017, even as our business continues to grow. We know it’s possible because we reduced each measure by 6 to 11 percent between 2012 and 2015, while increasing commercial airplane production.

Additionally, since this opportunity is bigger than any one company, we seek to inspire global collaboration to solve complex environmental challenges. One way we do this is by working with our customers, industry partners, governments, research institutions, engine builders and others to develop and commercialize sustainable aviation biofuel, which will be critical to meet the aviation industry’s aggressive environmental goals.

We also advocate for a global approach to reducing commercial aviation emissions. In February, the United Nations International Civil Aviation Organization reached an agreement on the first-ever global standard for commercial aircraft CO₂ emissions. This ambitious standard ensures older aircraft are replaced by newer, more efficient aircraft that will further reduce fuel use and carbon emissions. Boeing’s newest models — the 787, the 737 MAX and the 777X — are designed to meet and even exceed such challenging requirements. The 737 MAX, with first delivery in 2017, will reduce fuel use and emissions by 20 percent compared to the original Next-Generation 737; the 777X, with first delivery expected in 2020, will be the world’s most fuel-efficient twin-engine jet.

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Dennis Muilenburg

Chairman, President and Chief Executive Officer