

An R&D Approach for a Successful 2nd Century

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Chief Technology Officer, The Boeing Company Senior Vice President, Engineering, Test & Technology November 16, 2016

MIT and Boeing; A Century of Connections, Progress





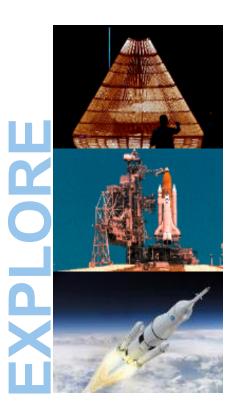


Launching Our 2nd Century

A company and history like no other









A century of innovation and human achievement

Boeing: A Global Leader In Aerospace – and Innovation

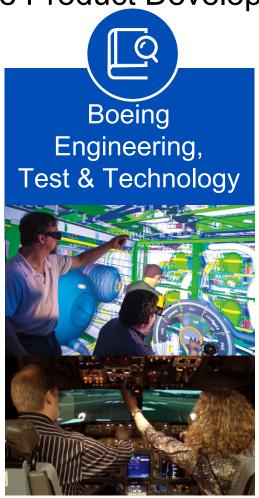
- Products and services support to customers in more than 150 countries
 - Revenue in 2015: \$96 billion
 - 70 percent of commercial airplane revenue historically from customers outside the United States
- Manufacturing, service and technology partnerships with companies around the world
 - Contracts with more than 20,000 suppliers and partners globally
- Research, design and technology-development centers and programs in multiple countries
 - Maximizes leverage of our R&D investments
 - 2015 R&D investment: \$3.3 billion
- More than 155,000 Boeing employees across the United States and in more than 65 countries



Partnering worldwide for mutual growth and prosperity

Protecting the Second Century:
Supporting Innovative Product Development

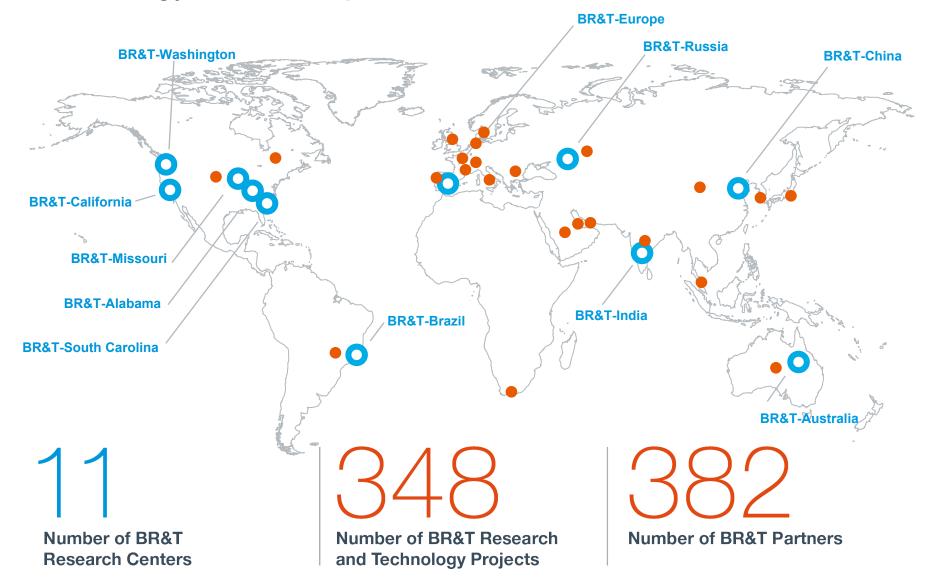
Boeing Commercial Airplanes





Independent R&D and test organization, chartered with protecting the future

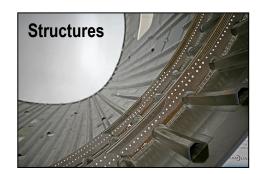
Technology Partnerships



Enterprise Technology Domains











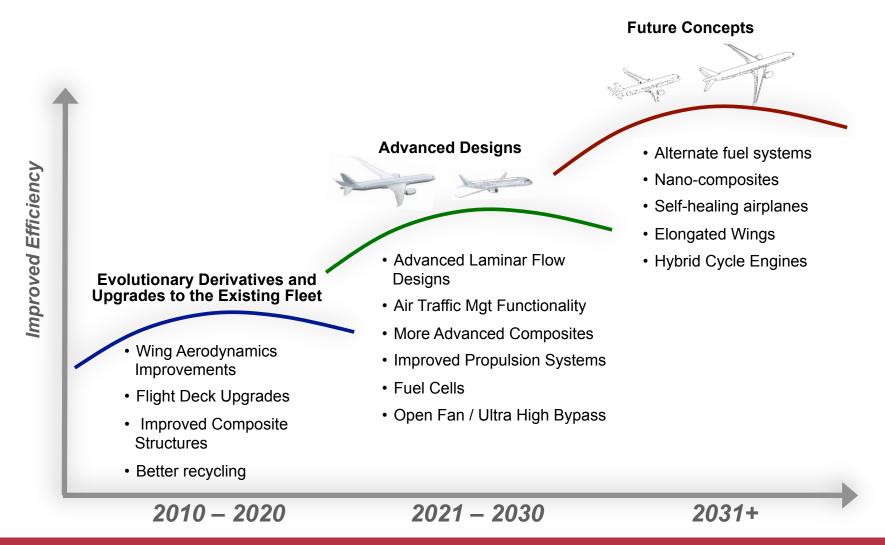






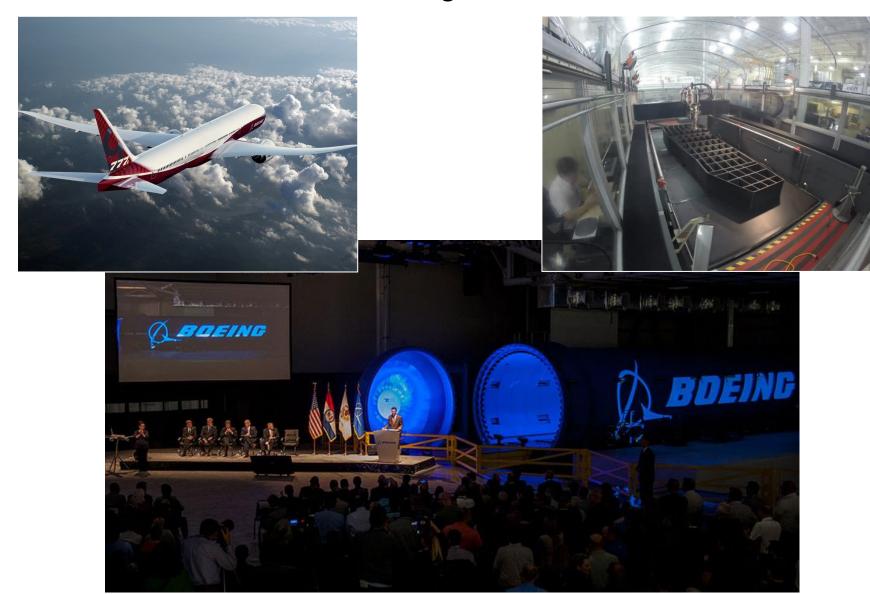
An important structure that helps maximize our R&D ROI

Our Horizons: A Tiered Approach to the R&D Timeline



To support innovation in the near-, medium-, and long-term future

R&D, Advanced Manufacturing and Future Innovations



The Benefits of a Strong Corporate-Academia Partnership

- Deep roots
- Mutual benefits
- Two-way talent pipeline
- Leadership development
- Strong commitment level
- Engagement from individuals at all levels
- Philanthropic activities



Thank you, MIT!

