



Confident Travel Initiative

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Confident Travel Initiative

One Mission, Three Layers, Three Horizons

One Mission

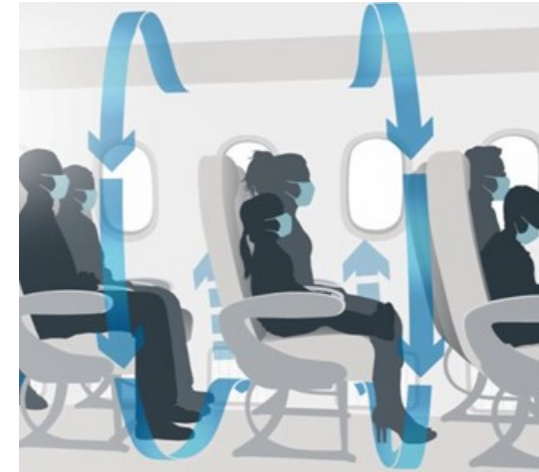
Leadership in the global effort to provide passengers and crew a safe, healthy and efficient travel experience

Three Layers of Protection

- Prevent the virus from reaching the airplane
- Keep the airplane free of viruses
- Minimize transmission of viruses on the airplane

Three Time Horizons

- Near term: **respond** to the immediate needs of the industry and **reassure** passengers and crews
- Mid term: **enhance, stabilize and standardize** guidance, recommendations, and solutions to provide a predictable travel experience
- Long term: continue to **improve the system**

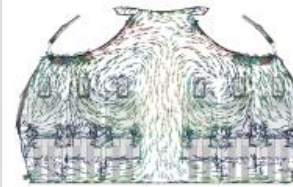


Confident Travel Initiative

- Clean airplane program
 - Fomite risk
- Probabilistic modeling
 - Aerosol risk
 - Passenger screening and travel restrictions
 - Travel journey risk and capacity
- Sentiment analysis
 - Insight and understanding
- Boeing position white papers
 - Document and disseminate research
- 2021 pivot – enable international travel

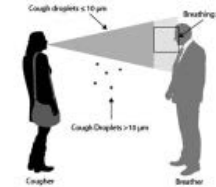
The results of the analysis comparing environments

The design of the cabin and airflow system creates the equivalent of over 7 feet (2m) of physical distance between every passenger



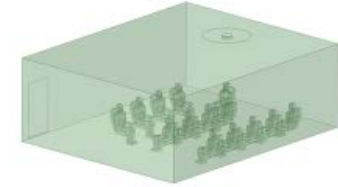
Airplane Environment

The cougher and breather sitting next to each other on a full flight



Indoor Environment

The cougher standing >7 feet away from the breather



Conference Room

The cougher seated >7 feet away from the breather

Based on calculating the number of particles in the breathing space

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Published White Papers

Engineered Physical Distance Equivalence for a Cough

Clean Airplane Program – Live Virus Validation Testing

Chemical Disinfectant Evaluation and Approval

Safety of 222 nm Band-Pass Filtered Irradiation

Disinfection with Far-UV (222 nm Ultraviolet Light)

Selection and Characterization of Semi-automated Disinfection Devices (e-sprayers)

Computational Fluid Dynamics Model and the Transport of Cough Particles in an Aircraft Cabin

Probability and Estimated Risk of SARS-CoV-2 Transmission in the Air Travel System

