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COVID-19 Impact on FAA Research & Development Programs

Research, Engineering and Development Advisory Committee
July 9, 2020

FAA

Objective

Hold a preliminary discussion on Research and Development Programs and possible impacts due to COVID-19

COVID-19

FAA Priorities

- Ensure the safety of all users of the National Airspace System (NAS) and the flying public.
- Ensure the safety and well-being of the FAA work force while continuing to operate the NAS efficiently, safely, and securely.
- Support the U.S. Government response efforts.

Research & Development: COVID-19

FAA Priorities

- Ensure the safety and well-being of the FAA work force while continuing to operate the NAS efficiently, safely, and securely.
  - Employees
  - Facilities
  - Programs

Research & Development Domain Areas

Aircraft Safety Assurance

Fire Safety

Aircraft Structures

Propulsion & Fuel Systems

Digital Systems & Technologies

Digital Systems

Digital Technologies

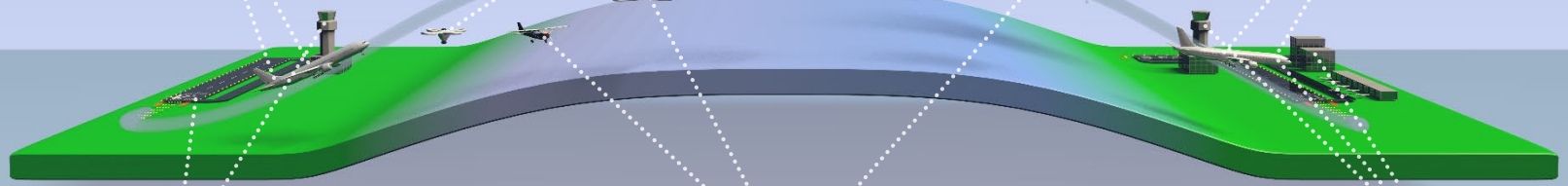
Cyber Security

Environmental & Weather Impact Mitigation

Weather

Icing

Environmental & Energy / Fuels



Airport Technology

Airport and Terminal

Pavement

Aerospace Performance & Planning

System Safety Management

Air Traffic Management

Emerging Operations

Human & Aeromedical Factors

Human Factors

Aeromedical Factors

Next Steps

FAA anticipates that as the COVID-19 situation evolves, new schedule and funding challenges will arise:

- FAA will continue to gather, track and monitor R&D program information
- FAA will continue to review financial data to evaluate planned vs actual activities

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