Research, Engineering and Development Advisory Committee
PPT Briefing to Sub-committee on Airports: March 2-3, 2021

VIRTUAL MEETING (ZOOM Information Provided below)

Day 1: March 2, 2021

8:30 pm Christopher Oswald
ACI-NA, Subcommittee Chairperson

8:45 am Shelley Yak
Director, FAA Technical Center

9:00 am John Dermody
Director, FAA Office of Airports Safety and Standards

9:15 am Dr. Michel Hovan
Manager, FAA Airport Technology Research

9:30 am Subcommittee Members and FAA

10:00 am Break

10:15 am NASA Presentations
Nancy Mendonca
Akbar Sultan
Dr. Jimmy Kenyon

11:15 am Marci Greenberger
Manager, ACRP Program

12:15 pm All

12:45 pm All

1:15 pm Break

1:30 pm FAA RPA Managers
Murphy Flynn
Acting Manager, Airport Safety Research Section
Keith Bagot
Mike DiPilato
Jonathan Torres
Ryan King
Somil Shah

4:15 Break

4:30 pm Lauren Vitagliano

5:30 pm Adjourn

Introduction

Opening Remarks

HQ ARP Update

Airport Technology Program Update
Budgets, New Contracting Avenues

Review of Outstanding REDAC Recommendations

Urban Air Mobility
Surface Management
Commercial Hypersonic

Airport Cooperative Research Program - Update

Possible Changes to Industry as a Result of COVID-19
Aviation Industry Direction and Challenges

Focused RPA Discussions—Airport Safety and Planning

Overview of Safety Projects under way
Alternative aircraft fire-fighting agent research
Unmanned aircraft system
Vertiport Design Standards for eVTOL/UAM vehicles
Evaluation of Solar Lighting Systems for Airports
Aircraft braking friction research, update

Focused RPA Discussions—Airport Environmental & Noise
- Airport Environmental Projects
- Noise Annoyance Survey results
Day 2: March 3, 2021

8:30 am    Jeff Gagnon
            Manager, Airport Research Pavement Section
            Overview of all pavement research projects under way
            Focused RPA Discussions—Airport Pavements

            Dr. David Brill
            FAARFIELD, Update
            40-year pavement design life

            Dr. Navneet Garg
            Discussion on HMA Fatigue Model in FAARFIELD

10:00 am   Break

10:15 am   Subcommittee Members
            Subcommittee Findings & Recommendations

11:30 am   Adjourn

ZOOM VIRTUAL MEETING
DAY 1

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