

SAS Chair Opening & Report on REDAC Meeting

2020 Fall REDAC SAS Meeting
Virtual
August 11-12, 2020



REDAC Meeting Report

- October 7, 2020
- Virtual
- Agenda
 - FAA Address/NextGen Perspective – Pam Whitley
 - FAA Aircraft Systems Information Security Protection (ASISP) – Isidore Venetos
 - Review of FAA Research Landscapes– Steve Summer
 - Subcommittee Reports and Discussion



Subcommittee Reports

- Safety
 - Review of August meeting
 - Findings & Recommendations
 - FAA's R&D Efforts during COVID-19 Pandemic - 2 Recommendations
 - Fatigue Risk Management R&D Portfolio - 2 Recommendations
 - Aircrew Stress Biomarker Research - 1 Recommendation
 - Ice Crystal Icing - 1 Recommendation



Subcommittee Reports

- Airports
 - Findings & Recommendations
 - COVID-19 Pandemic Impact - 2 Recommendations
 - Emerging Pavement Additives Research - 2 Recommendations
 - Airport Technology Research Program/UAS - 1 Recommendation



Subcommittee Reports

● Human Factors

- Data Analytics for Operational Personnel - 1 Recommendation
- Workforce Proficiency Training and Risks of Skill Degradation - 1 Recommendation

● NAS Operations

- Research Landscapes – 1 Recommendation
- Resilient Autonomy in the Future NAS – 1 Recommendation
- Flight Deck Data Exchange Requirements Program Coordination – 1 Recommendation



Subcommittee Reports

- Environment and Energy
 - Global Leadership – 1 Recommendation
 - Public Private Partnerships – 1 Recommendation
 - Sustainable Aviation Fuels – 1 Recommendation
 - Noise Research – 1 Recommendation



- Final Report of Findings and Recommendation Submitted to Administrator Dickson – October 28, 2020
- Cross Cutting Observations
 - Impact of COVID-19 on NAS and R&D Requirements
 - Impact of Automation – advances, AI/ML
- Next REDAC Meeting Date: April 21, 2021
- Questions?