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?