

DRAFT 2021 Priorities *For Discussion*

Community Engagement

- Broaden community engagement and maximize the role of community representatives potentially including:
 - Provide an opportunity for StART Community Representatives to have time for discussion of issues just amongst themselves to share interests and concerns.
 - Host broader community forums to hear community interests and issues.
 - Progress achieved in StART needs to be better communicated to airport and other communities.

Aviation Noise

- Understanding Day Night Average Sound Level (DNL) and Sound Exposure Level (SEL)
- Review of practices to reduce noise at other airports including internationally and comparison of those practices to SEA's efforts
- Pilot operational procedures that could reduce aircraft noise and air pollution
- Airline fleet modernization/ environmental performance & funding incentives
- Implementation of NextGen programs/procedures
- Propeller/turbo-prop flight paths
- Ground Noise Analysis
- Noise Abatement Departure Profile Study
- Noise Program funding/grants

Air Quality/Health Impacts

- Further phases of University of Washington (UW) ultra-fine particle (UFP) Study
- Regional air quality overview
- Port air quality programs
- International green aviation standards
- Sustainable aviation fuels & other alternative energies

Future of Aviation/Mobility

- Washington State Air Cargo Movement Study
- Aircraft design
- Airport's role in regional economic development/impact of regional growth on the airport
- Paine Field
- Airline recovery strategies and implementation
- Community principles and priorities to be shared with airlines, FAA and Port during the recovery

Federal Policy

- Implementation of key FAA Reauthorization provisions, including
 - 65 DNL evaluation and alternative metrics
 - Overflight noise/human health study

- Environmental Pilot Program
- Legislation that furthers Port-cities priorities:
 - Air Traffic Noise and Pollution Expert Consensus Act
 - Protecting Airport Communities from Particle Emissions Act
 - Secondary Insulation for “Failed” Packages
- Updated guidance on key studies:
 - WHO Europe Study
 - GAO Study of Community Noise Impacts
- Regulation of noise and emissions issues related to Supersonic Aircraft, Electric Aircraft and Urban Air Mobility
- Additional Topics for Consideration
 - State legislative policies related to aircraft noise and emissions
 - Federal policies related to coronavirus relief and recovery
 - Federal policies related to economic and workforce development
 - Federal policies related to broader environmental or human health issues

Completed 2019/20 StART Priorities

Aviation Noise

- Part 150 and Part 161 Studies Overview
- Comprehensive Understanding of the Port’s noise programs
- Noise monitoring – what is currently in place, limitations, utilization of data
- Understanding flight paths/air space
- Late Night Noise Limitation Program
- Runway Use Plan Agreement
- 34R Glide Slope Adjustment
- A320 Aircraft Noise

Federal Policy

- Development of a shared Port/Cities federal policy agenda
- Passage by the US House of the Protecting Airport Communities from Particle Emissions Act, and increased funding for FAA Noise Program grants
- Submitted a comment letter regarding the federal rulemaking on noise standards for supersonic aircraft