



Recommendation 30

for noise mitigation south of DCA

South of Airport Subcommittee
October 23, 2025

Overview

- **Objective:** Noise mitigation for communities south of Reagan National Airport (DCA), along the south flow departure and the north flow arrival flight paths
- **South of Airport (SoA) Study:** The SoA Subcommittee supported technically by Vianair in consultation with the FAA conducted 11 meetings to develop recommendations for noise mitigation
 - Support for Vianair was provided by Alexandria, Fairfax County and Prince Georges County
- **Result:** Six specific recommendations were developed that met the Design Philosophy. The SoA Subcommittee voted unanimous support
- **Benefits:**
 - **For communities:** tangible noise relief and reduced overflights
 - **For air traffic control and the airport:** increased efficiency and operational flexibility
 - **For airlines:** reduced track miles and more efficient procedures

Recommendations

- **Implementation of Reduced Divergence Departures from Runway 19 with improvements in flight paths from Runway 15, to move aircraft further away from Alexandria**
 - Also ensures compliance with current criteria for more safe and efficient operations
- **Split westbound departure, moving southwest directed flights over the river**
- **Modify north flow arrivals to raise the altitude at KATRN to 3,000 feet and provide alternate points to intercept the final approach course**
- **Move CAPSS south flow arrivals slightly to east to allow for more rapid climb during south flow departures**
- **Move TRUPS/FRDMM STARs to the southwest to reduce noise during north flow operations**
- **Implement Noise Abatement Departure Procedure (NADP-1), which could provide meaningful noise relief to communities near the airport**