

## Recommendations for Consideration by the CWG on North-flow Departures

Vianair/ABCx2 facilitated several design team meetings with the North of Airport Committee and procedure design experts from Vianair/ABCx2.

Initial discussions included a review of the design philosophy adopted by the Community Working Group (CWG) and key concerns expressed by the community. These community issues as they relate to the existing flight procedures and noise impacts served as the basis for discussions about modifications to existing procedures and the development of new procedures. Key goals included reducing concentration of operations (and the unfair burden to any one community), avoiding dense residential areas and overflying “compatible” areas when able, and increasing altitudes. The North of Airport Committee greatly appreciated the technical support from Vianair/ABCx2 in presenting design options, identifying constraints, and evaluating the impacts and benefits. The following recommendation was developed from this work.

### Raise the Altitude at ALEEX Waypoint

The North of Airport Committee asked Vianair/ABCx2 to evaluate raising the crossing altitude at the ALEEX waypoint. The current version of the AMEEE SID does not have a crossing restriction at ALEEX and the crossing restriction at the subsequent waypoint, DOGUE, is at or above 4,000 feet. Adding a crossing restriction to ALEEX of at or above 5,000 feet will ensure that aircraft are as high as possible when crossing ALEEX without violating design criteria or causing other operational issues.

There is currently no charted altitude restriction at the ALEEX Waypoint on the eastbound SIDs out of DCA. Adding an at or above (AOA) 5,000 altitude restriction to the eastbound SIDs will ensure that aircraft continue to cross ALEEX above 5,000 feet. This recommendation is designed not to interfere with the PCT operation, violate criteria, nor to affect the current top altitude of the SID.

## **Recommendation 24**

**The Community Working Group recommends adding a crossing restriction to ALEEX of at or above 5,000 feet to ensure aircraft are as high as possible when crossing ALEEX.**