

# Environment Work Group Operations Standing Committee Work Plans

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# Operations Standing Committee Objectives

## Pursue aviation operational changes to reduce environmental impacts

- Develop requirements for procedures and tools for reducing the environmental impact of air traffic operations, i.e. noise and emissions.
- Foster and coordinate simulations and field demonstrations to validate benefits and explore implementation issues.



# Operations SC Draft Work Plan for FY08

- Continue support for near-term CDA implementation
- Document requirements for controller and pilot tools and the requirements for conducting CDAs with high throughput.
- Document the potential contribution of operations to addressing the environmental gap. (In coordinate with the JPDO's EAD & the EWG Tools Panel.)
- Document the requirements for a CDA procedure design tool.
  - Based on John-Paul Clarke's methodology and design tool and other analysis tools
  - Explore doing this as an extension to the TARGETS tool
- Foster and coordinate human-in-the-loop or field evaluation of surface planning tool to minimize environmental impact.
- Foster and coordinate fast-time and human-in-the-loop simulation evaluation of Metroplex concepts.
- Foster the development of an en route planning tool to optimize route for environmental emissions.

Conduct Government/Industry *E Operations Workshops* to coordinate and exchange information on operational changes to reduce the environmental impact of aviation.