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.