

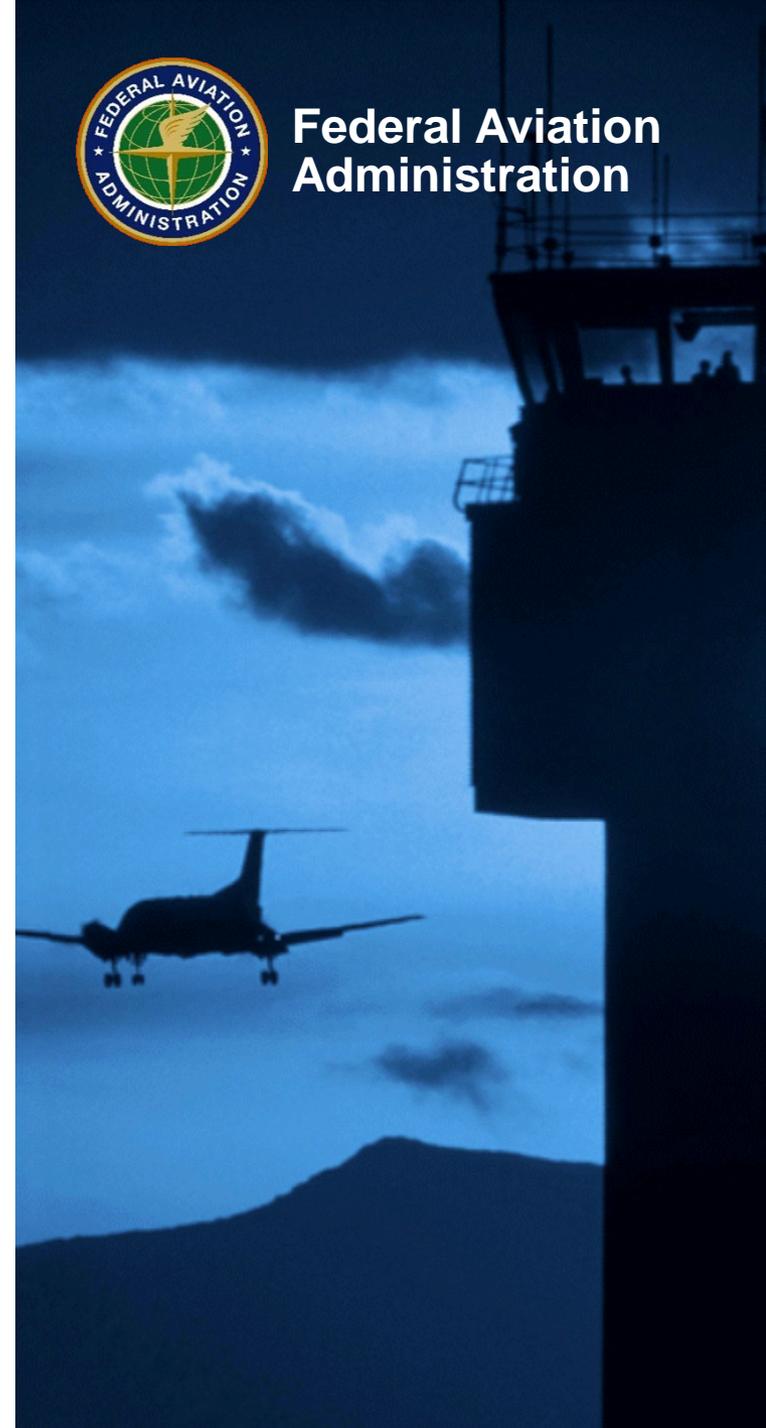
Air Traffic Environmental Program

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Date: April 26, 2018



Federal Aviation
Administration



Air Traffic Environmental

- **NEPA requires FAA to:**
 - Address impacts of major federal actions on the human environment including noise, socioeconomic, land uses, air quality, water quality and others
 - Depending upon the context and potential impacts, NEPA analysis can differ
 - **Levels of NEPA**
 - Action not subject to NEPA/No further env. action
 - CATEX – Categorical Exclusion
 - EA – Environmental Assessment
 - EIS – Environmental Impact Assessment



AIR TRAFFIC ENVIRONMENTAL PROGRAM

Three Levels of NEPA Review

- **Categorical Exclusion (CATEX)** – established list of actions that do not, individually or cumulatively, have a significant impact
- **Environmental Assessment (EA)** – analysis of proposed action and reasonable range of alternatives that could result in preparation of an Environmental Impact Statement or Find of No Significant Impact
- **Environmental Impact Statement (EIS)** – detailed analysis of environmental consequences and alternatives, cumulative impacts, and mitigation actions



Categorical Exclusion (CATEX)

- Action that does not have a significant impact on the quality of the human environment
- FAA must review for extraordinary circumstances
 - Adverse effect such as cultural resources, air quality, etc.
- FAA Order 1050.1 - list of FAA CATEXs
 - Establishes a list of common FAA actions that are CATEX'd
 - Example -
Establishment of Global Positioning System (GPS), Flight Management System (FMS), Area Navigation/Required Navigation Performance (RNAV/RNP), or essentially similar systems that use overlay of existing flight tracks.

Environmental Assessment (EA)

- **Addresses environmental effects that are not anticipated to cause significant impact**
- **Analysis that could result in preparation of an Environmental Impact Statement or Finding of No Significant Impact**
- **When to prepare –**
 - Proposed action has no CATEX
 - Normally CATEX but involves extraordinary circumstance
 - Action normally requires an EA
 - Action that is not known to require an EIS and is not CATEX

Environmental Impact Statement (EIS)

- **Detailed analysis of environmental consequences of proposed action and alternatives, cumulative impacts and mitigation actions**
- **When to prepare?**
 - Based on an EA, a determination that the action would cause a significant environmental impact and mitigation would not reduce effects
 - FAA anticipates significant impacts, so prepare an EIS without first developing an EA

Airspace Actions

Typical Types of Actions

- **Jet Route Modification**
- **Procedure Changes (RNP/RNAV, OPD, etc.)**
 - Area Navigation Procedures (RNAV)
 - Required Navigation Performance (RNP)
 - Glide-path modifications
 - Altitude or lateral changes
- **Airspace Redesign- single site or regional**



