

# FAA Order 1800.66 Configuration Management Policy

Status and Activity

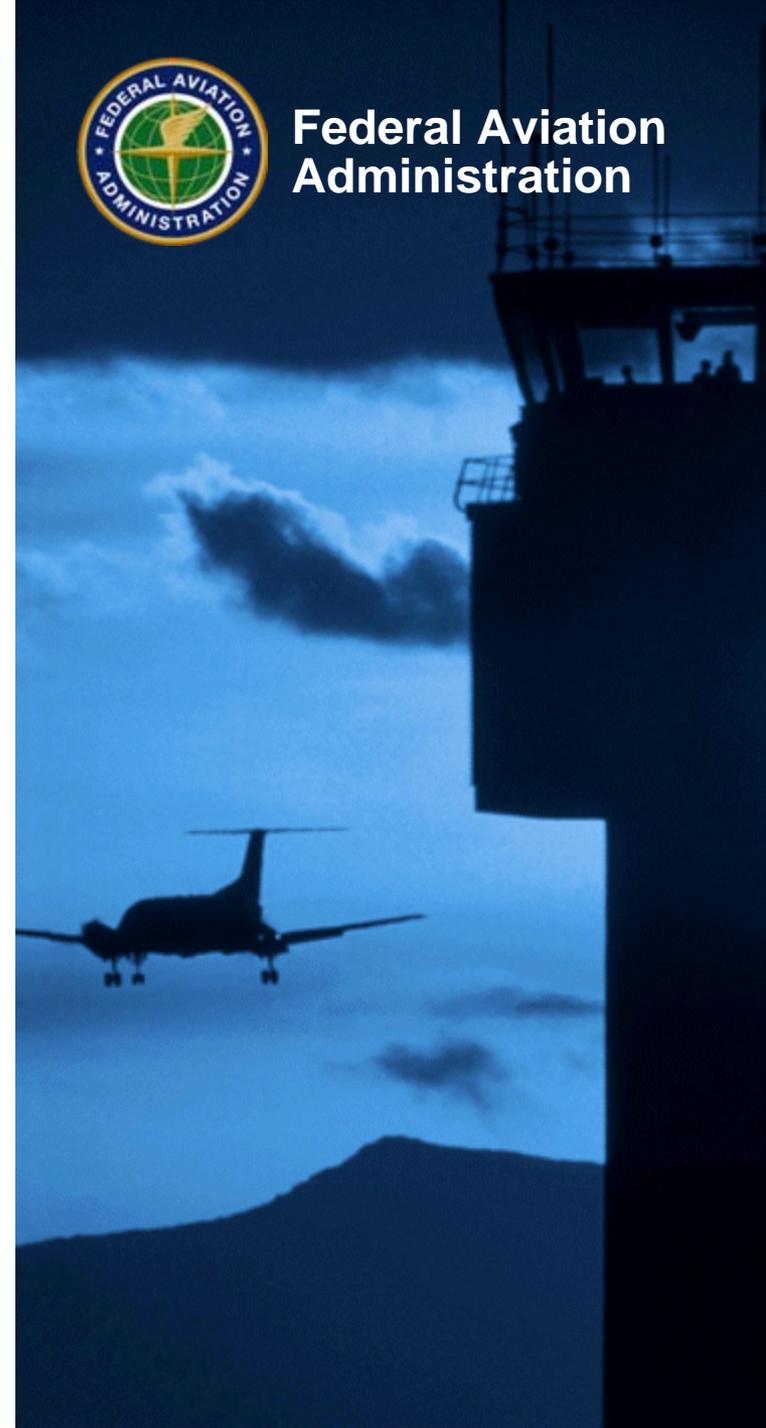
Avdesh Kaushiva

National CM Workshop  
Atlantic City, NJ

September 2008



Federal Aviation  
Administration



# Overview

- **CM Policy Working Group**
- **FAA Order 1800.66 Rev A**
- **FAA Order 1800.66 Document Structure**
- **Current Status**
- **Next Steps**
- **Timeline**



# CM Policy Working Group

- **The original working group formed in New Orleans has been meeting regularly over the last 3 years**
- **Since that time, the group has:**
  - supported the update of the CM policy statements
  - identified and initiated procedure changes based on current processes and best practices
  - updated the originate case file procedures to reflect one process flow while capturing requirements for each area of origination
  - developed text for the CM Standards and Standardization section of 1800.66, which has been a “TBD” since 2000
  - developed recommendations for formalizing a class II change process
  - continued support as required to the Non-NAS IT CM working group to ensure consistent approach for configuration management of Non-NAS IT assets and investments
  - obtained ASAG approval for changes affected by the update of the CM policy statements
  - initiated review and update of current process and procedures



# CM Policy Working Group (continued)

- **Current activities:**

- Update and coordinate procedure redlines as they are completed
- Continue support, as required, for the FAA IT CM WG to develop the procedures for FAA IT CM
- Coordinate preliminary NAS CM procedure redlines for CM community input (through the Enterprise CM Website)
- Continue communication of progress and key changes through the monthly CMWG teleconferences

Input from the CM community is critical to ensure accuracy and completeness of the process and procedures; support communication of changes to management; facilitate clearance process (proper review, acceptance, resolution, approval)

# CM Policy WG Members

- Lead: Avdesh Kaushiva, ATO-W Enterprise CM
- Niaz Abdulmatheen, ATO-W ATC Facilities CM Support
- Jane Austin, ATO-W Enterprise CM Support
- Claire Bentley, ESA CM Support
- Tracy Chamberlain, CSA Facilities
- Seth Couslar, ATO-W Navigation CM
- Veronica Lewis, ESA CM
- Ted Page, ATO-T CM
- John Parsons, ATO-T CM Support
- Carl Sensi, ATO-R CM Support
- John Steele, ATO-W ATC Facilities CM
- John Thomas, ATO-W Enterprise CM Support
- Yolanda Walker, ESA CM
- Cecil West, ESA CM Support

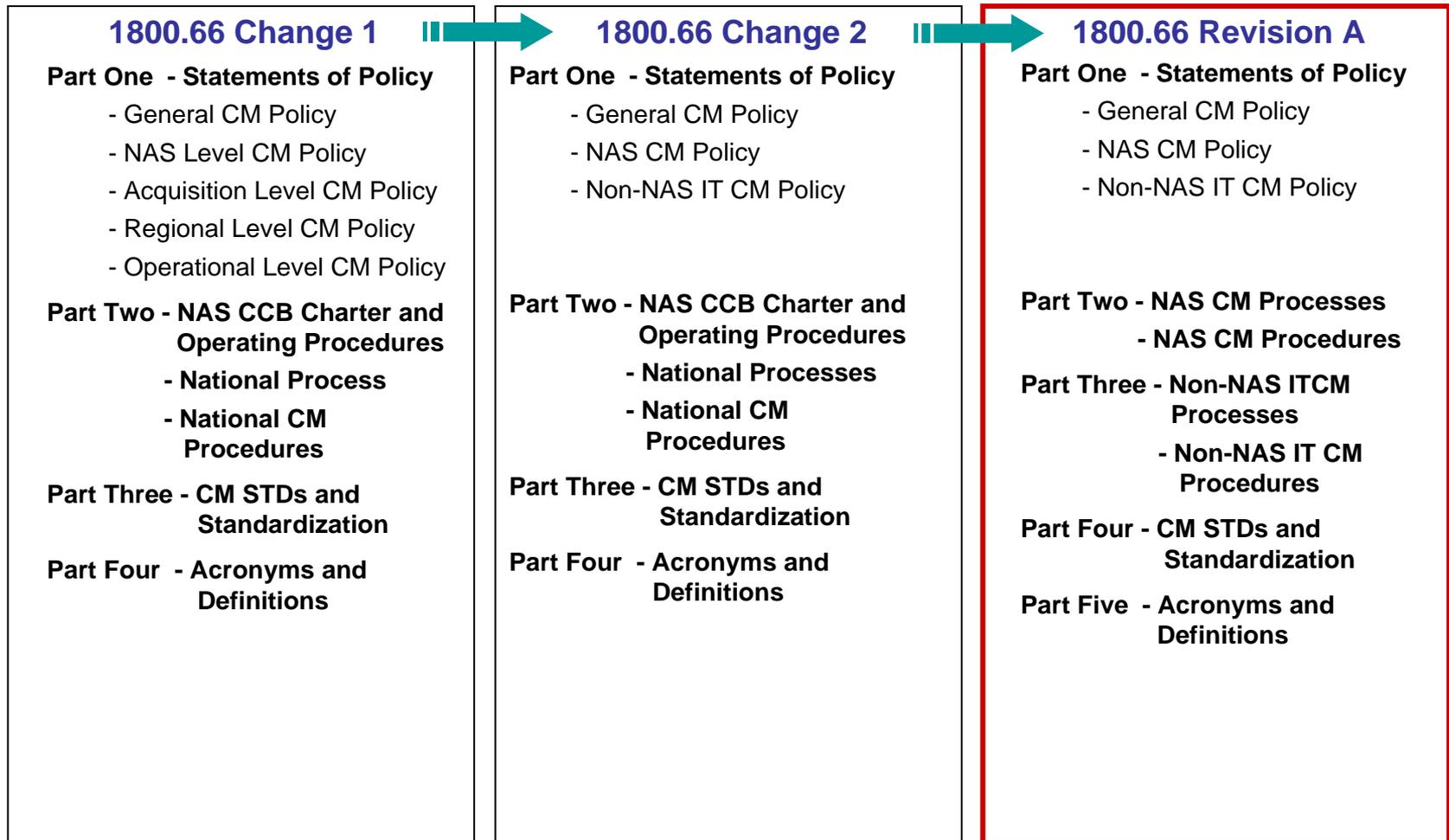


# FAA Order 1800.66 Rev A

- **Will include:**
  - Changes introduced by the release of Change 2 in September 2007;
  - Updated NAS CM procedures
  - NAS Regulatory Support and Administrative IT procedures
  - CM Standards and Standardization
  - Revised Acronyms and Definitions
- **The Information Technology Executive Board will approve the CM procedures for the Non-NAS IT assets**
- **VP of Technical Operations will approve the NAS CM procedures related changes and incorporation of Non-NAS IT CM procedures**



# 1800.66, Rev A Structure



# FAA Order 1800.66 Revision A - Scope



## Part One: Statements of Policy

Specific policy elements that establish an association to the FAA Enterprise Architecture activities in the FAA.

- General CM Policy
- NAS CM Policy
- Non-NAS IT CM Policy

## Part Two: NAS CM Processes and Procedures

NAS life cycle CM process that integrates CM information and activities across organizations and functions. Corporate and standard operating plans and procedures that describe how to implement the Policy Statements in Part One

## Part Three: Non-NAS IT CM Processes and Procedures

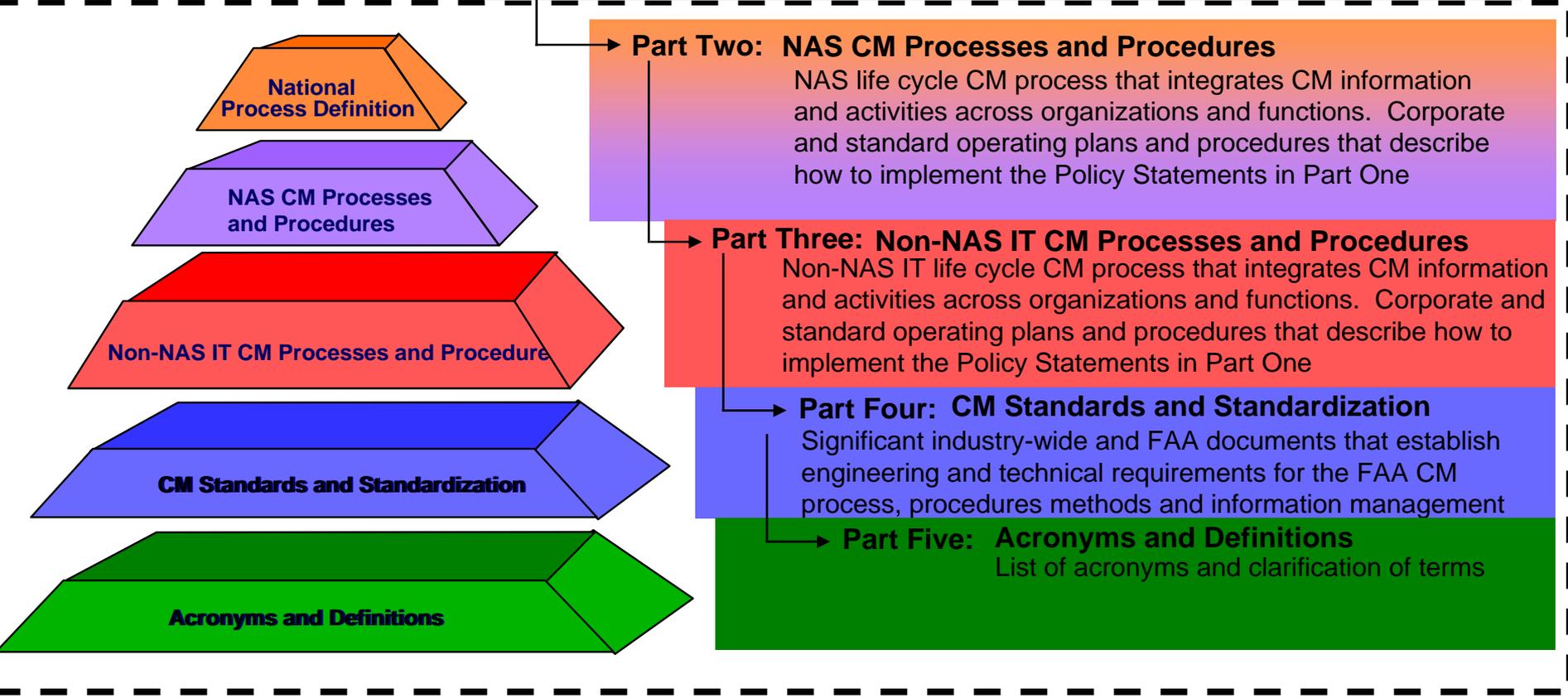
Non-NAS IT life cycle CM process that integrates CM information and activities across organizations and functions. Corporate and standard operating plans and procedures that describe how to implement the Policy Statements in Part One

## Part Four: CM Standards and Standardization

Significant industry-wide and FAA documents that establish engineering and technical requirements for the FAA CM process, procedures methods and information management

## Part Five: Acronyms and Definitions

List of acronyms and clarification of terms



# Current Status

- **NAS CM Procedure updates well under way**
- **Redlined sections for the NAS CM procedures are available for informal CM community review on the Enterprise CM website**
  - As section redlines are completed, they will be posted to the site
- **Coordinating with Technical Operations Directives POC**
  - Clearance requirements
  - Distribution
  - Schedule for coordination and approval
- **Addressing major NAS procedures updates for**
  - Establishing relationships between the MCI and the NAS EA
  - Establishing top-level CIs (JRC decisions affecting the MCI)
  - Formalizing class II change procedures (NAS CCB Co-Chair briefing)



# Next Steps

- **Continue to communicate progress to and solicit input from the CM community**
- **Brief NAS CCB Co-Chairs on the proposed class II change process**
- **Continue work on procedures, in coordination with stakeholders and CM community, as appropriate**
- **Continue working group meetings**
- **Continue to provide guidance for development of Non-NAS IT CM processes and procedures, as required**



# 1800.66 Rev A Timeline

- **Develop Non-NAS IT CM Process\*** – September 2008
  - FAA IT CM WG initiative
  - Process model completed and tested in July 2008
- **Update NAS CM Process and Procedures** – November 2008
- **Clearance Package Ready for Issuance** – March 2009
- **Complete Comment Resolution** – July 2009
- **Revision A Signed** – September 2009

**\* Flight Plan Strategic Initiative**



# Useful Information

- **Enterprise CM Website:**

[http://www.faa.gov/about/office\\_org/headquarters\\_offices/ato/service\\_units/techops/cm/](http://www.faa.gov/about/office_org/headquarters_offices/ato/service_units/techops/cm/)

- **FAA CM Policy:**

[http://www.faa.gov/about/office\\_org/headquarters\\_offices/ato/service\\_units/techops/cm/cm\\_documentation/policy\\_180066/](http://www.faa.gov/about/office_org/headquarters_offices/ato/service_units/techops/cm/cm_documentation/policy_180066/)

- **CM Policy Points of Contact**

- Avdesh Kaushiva, Enterprise CM, Policy Lead (202) 267-7798  
[avdesh.kaushiva@faa.gov](mailto:avdesh.kaushiva@faa.gov)
- Jane Austin, Enterprise CM Policy & Process Support  
(202) 548-5262 [jane.ctr.austin@faa.gov](mailto:jane.ctr.austin@faa.gov)

# Useful Information (continued)

- **Current NAS CM Procedure Redlines for Review:**  
<http://www.faa.gov/about/office%5Forg/headquarters%5Foffices/ato/service%5Funits/techops/cm/redlines/>
- **Available redlines include:**
  - [Section 3.3.3.5](#) *Facility Baselines (8/27/2008)*
  - [Section 3.4.2.1](#) *Originate Change (8/07/2008)*
  - [Section 3.4.2.2](#) *NCP Evaluation (8/07/2008)*
  - [Section 3.4.2.3](#) *Configuration Control Board (CCB) Decision Process (8/07/2008)*
  - [Section 3.4.2.4](#) *Configuration Control Decision (CCD) Closure (8/07/2008)*
  - [Section 3.4.2.5](#) *Instructions for NCP/CCD Forms (8/07/2008)*
  - [Section 3.4.2.8](#) *Transferring a NAS Change Proposal (NCP) (8/07/2008)*
  - [Section 3.4.2.10](#) *3.4.2.10 Emergency Modifications (8/07/2008)*
  - [Section 3.6.3](#) *Other Configuration Management (CM) Audits (8/27/2008)*
  - [CM STANDARDS AND STANDARDIZATION](#) *CM STANDARDS AND STANDARDIZATION (8/07/2008)*

