

# RAM Demo



Presented to: AAS Consultants Forum

By: David Perry

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**Federal Aviation  
Administration**

# Agenda

- ADIP Modules/POC's
- RAM Development Phases
  - Where are we at?
- RAM Demo



# ADIP Applications & Project Leads

- Data Quality Management & ADIP's Quality Management System (QMS)
  - Lauren Priem – Lead
  - Bing Liang, Cynthia Wells – Contract Support
- Airports GIS (AGIS) Surveys
  - Andrew Goldsmith – Lead
  - Sourabh, Vani, Kedar, Todd – Contract Support
- Airport Master Record (AMR)
  - Jon Gdowik – Lead
  - Puranthar, Narmada, Kedar, Venkat – Contract Support



# ADIP Applications & Project Leads (cont.)

- Modification of Standard (MOS)
  - Mike Rottinghaus - Lead
  - Sourabh, Vani, Kedar – Contract Support
- Wind Data Analysis – Windrose
  - Will Reinhardt & Kent Duffy – Lead's
  - Sourabh, Vani, Kedar – Contract Support



# ADIP Applications & Project Leads (cont.)

- Runway Safety Area (RSA)
  - John Merck– Lead
  - Sourabh, Vani, Kedar– Contract Support
- Runway Incursion Mitigation (RIM)
  - Steve Debban– Lead
  - Sourabh, Vani, Kedar, Pranitha – Contract Support
- Runway Airspace Management (RAM)
  - David Perry– Lead
  - Sourabh, Vani, Kedar – Contract Support



# ADIP Applications & Project Leads (cont.)

- Pavement Management Tool (Upcoming)
  - Harold Honey & Harold Muniz – Lead's
- ADIP Project & Development (COR)
  - Bahram Soroosh– Lead
- Security Authorization
  - Bahram Soroosh - Lead



# RAM Development Phases

**Phase 1: COMPLETE:** Creation of the obstacle and coordination interface

**Phase 2: In Progress:** 3D Visualization/Assessment of Obstacles and Advisory Circular 150/5300-13 Airport Design Surfaces and creation of the Obstacle Action Plan

**Phase 3:** 3D Visualization/Assessment of 14 Code of Federal Regulation (CFR) Part 77, Visual Glide Slope Indicator surfaces and Instrument Landing System Critical Areas



# RAM Development Phases (cont.)

**Phase 4:** 3D Visualization/Assessment of Instrument Flight Procedures

**Phase 5:** Feasibility Assessment – Enables airports to assess proposed construction prior to submitting official notice under 14 CFR Part 77





# Recent RAM System Updates

- Lowered – Will not require survey upload Document
- Demolished – No longer available for terrain
- Project termination with no action (Draft/Sponsor Tab)
  - 30-day notice
  - 15-day notice
  - 1 day notice and termination



# RAM Demo



# Questions?

