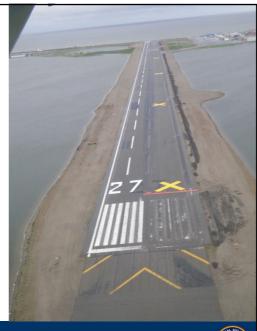


Agenda

- Robust Data Collection "eALP" (10 min)
- Runway Extension/New Runway with <u>New</u> Instrument Approach Procedures (10)
- No Safety Critical Data -Apron/Taxiway (5)
- Establish Geodetic Control (5)
- Other Land Acquisition, Boundary Survey, Noise, Planned Development (5)



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Robust Data Collection (eg., eALP project)

- Critically evaluate features and attributes to include in project
- Some attributes, for non safety-critical features, may be omitted from original project, then collected during a future initiative
- Evaluate which runways need AS/AAA to support IAP development in the near term (5-7 years)
- Consider 65 DNL contour and limits of noise program
- Two Airports GIS projects:
 - Airport Airspace Analysis: VG (data includes all existing data)
 - Airport Layout Plan: airport design or planning (planning & design data)
- SOW, Plan(s), NGS review and approval
- If "Triggering Event," the airport must incorporate contract requirements and processes for upcoming projects to ensure Airports GIS deliverables

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Oct 19-20, 2011



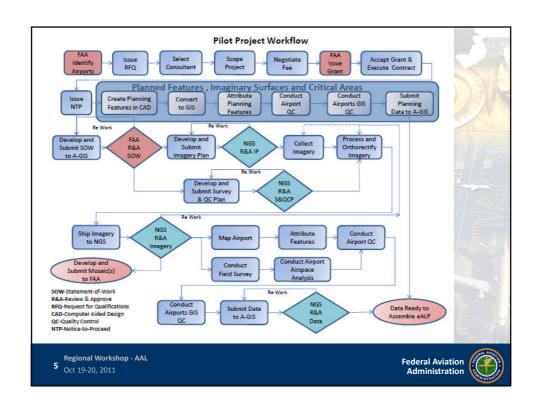


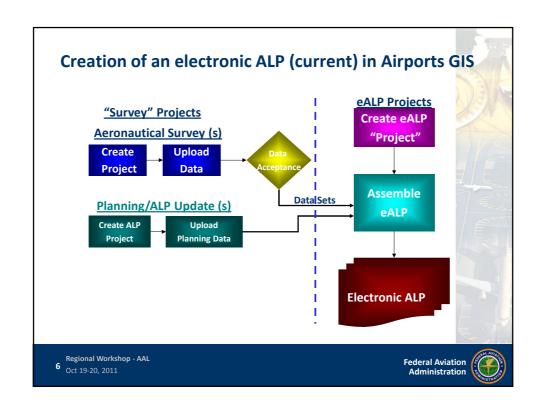
Robust Data Collection Project | Getting Started

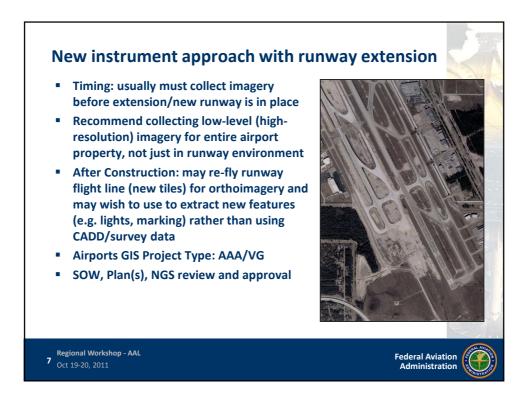
- Consultant Selection
 - ► Reference APP-1/AAS-1 working guidance: 06/24/2010-Attachment A
- Scoping Meeting with airport/consultant team/FAA
 - Working guidance, Attachment B
 - Scoping meeting guide/agenda (handout)
- Negotiate scope/fee and issue NTP
- Create two <u>Airports GIS</u> "Survey" projects
 - Project 1 | New Survey: Obstruction Survey (or similar)
 - Project 2 | Planned and Design Data (ALP, eALP)
- SOW (Project 1)
 - Develop, Submit, and Approve (FAA | Region/HQ (Contractor))
- Plans
 - Develop and Submit for NGS Review and approval

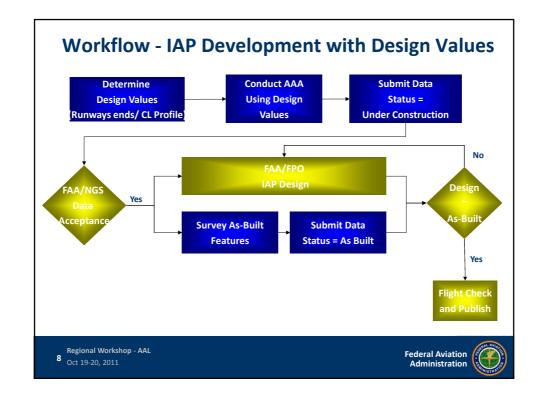
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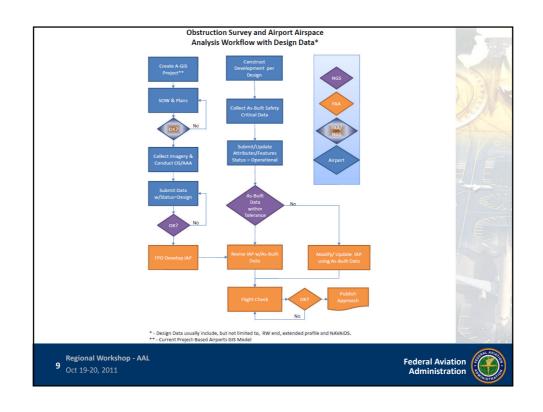


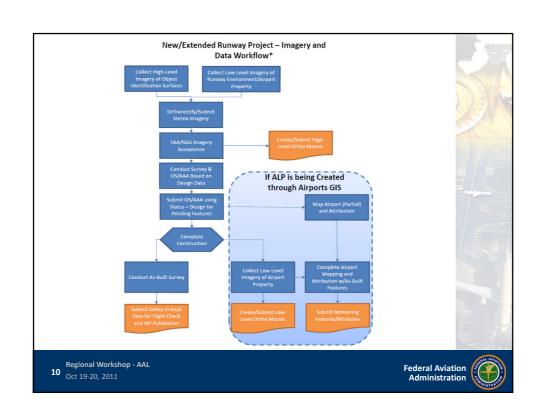












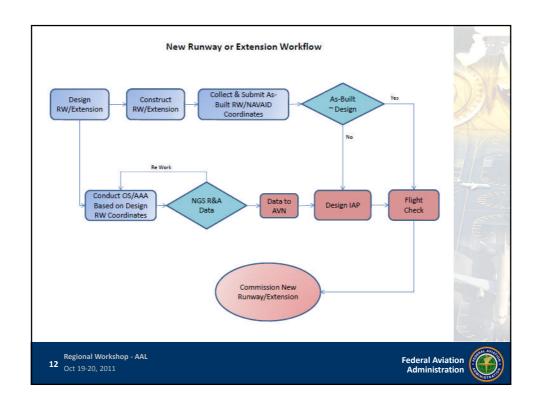
How to treat obstacles or NAVAIDS shown in the imagery, but scheduled for removal or relocation

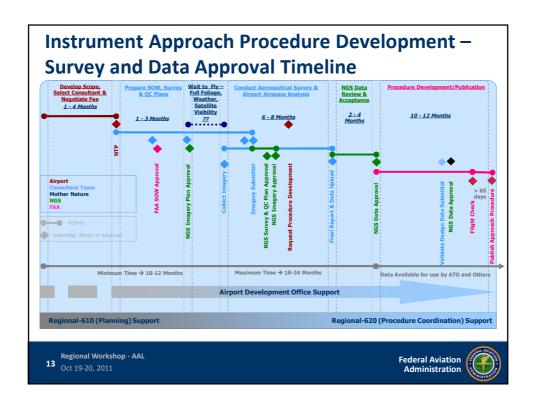
- Use Status Attribute to differentiate
- NAVAID/Obstacle scheduled for removal/relocation
 - Status = "Temporary"
 - Recommend additional information in UserFlag
- After Removal
 - Status = "Demolished"
 - Provide Documentation

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Oct 19-20, 2011

Federal Aviation Administration







No Safety-Critical data project (new taxiway/apron)

- Determine how Airports GIS Will be incorporated into both design and construction phases of project.
- Determine who is responsible to QC and upload Airports GIS data
- Planned Major Feature (RW/TW) should be in Airports GIS with status code as near-term, eventually feature will be refined and status changed during airspace and or SMS review
- Identify <u>as-built</u> features to be included in the upload before the project can be closed (e.g. – Taxiway, Shoulder, Lights, Signage, Marking and Utilities)
- Collect <u>all</u> attributes
- Airports GIS Project Type Construction/Airside (or Landside)
- SOW, Plans with Airport Review and QC of Data
- QC and Upload Data near end of project
- Close project

Federal Aviation
Administration

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Establish Geodetic Control

- Recommendations
 - Separate Airports GIS project
 - Not in Planning Project (e.g. Robust Data Collection)
- Project Type Construction Landside
- SOW, Geodetic Control Plan (only), NGS Review and Approval
- SOW Review (FAA) Focal Point
 - Proposed Location of PACS/SACS

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Land Acquisition, Noise (Contours or Mitigation), **Environmental or Planned Development**

- Determine how Airports GIS will be incorporated into the project
- Determine features to be included and review attributes (expect all are included in the project)
- Determine who is responsible to QC and upload **Airports GIS data**
- Determine Airports GIS Project Type
- Airport has responsibility for data
- Upload data and close project
- Planning Data SOW?, Plans?

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		Statement- of-Work	Plans		
Project Goal	Airports GIS Project Type		Geodetic Control	Imagery	Survey & Quality Contro
New Approach ¹ RW - Extension/New ¹	AAA-VG or Non VG	✓	×	✓	✓
Robust Data Collection - "eALP" ²	AAA-VG or Non VG	✓	×	✓	✓
Runway Reconstruction	Construction - Airside	✓	×	×	✓
Taxiway/Apron Construction	Construction – Airside	✓	×	×	✓
Noise Contours, Planning Data ³	ALP – Airport Design / Planning	×	×	×	×
Install PACS/SACS	Construction - Airside ³	✓	✓	×	×
Land Acq./Wetlands/ Environmental Mapping	Construction - Landside ³	✓	×	×	✓

