AGENDA

1. INTRODUCTIONS & PROJECT OVERVIEW

- Introductions of attendees
- Project overview and update on project work completed to date

2. AVIATION FORECASTS

Forecasts - define current activity and project future aviation activity over the twenty-year planning period:

- Based Aircraft
- Aircraft Operations
- Design Aircraft (Current/Future)
- Specific Activity Breakdowns (Peaking, Aircraft Fleet Mix, etc.)

3. AIRPORT FACILITY REQUIREMENTS

Facility Requirements Analysis– Define current and future airport facility needs based on selected aviation activity forecast for the twenty-year planning period:

- Airside (runway, taxiway, lighting, etc.)
    - Runway - length, width, orientation, pavement strength, markings, etc.
    - Taxiways - parallel taxiway, exit taxiways, aircraft hold areas, access taxiways
    - Airfield Lighting - runway edge lighting, visual guidance indicators (PAPI), runway end identifier lights (REIL), airport rotating beacon
    - Instrument Approach - requires obstruction survey and procedure development
    - On-site Weather Observation (AWOS or ASOS)
- Landside (aircraft parking, hangar, aircraft fueling, fixed base operator, etc.)
    - Aircraft Apron -parking capacity and demand,
    - Aircraft parking needs
        - Single-engine tiedowns (based and transient)
        - Drive through parking (business class aircraft)
        - Transient helicopter parking
    - FBO/GA terminal operating area (passenger loading / unloading)
    - Aircraft fueling apron, fuel storage (multiple tanks / grades), mobile fueling parking and spill containment
    - FAA dimensional standards (taxilane obstacle clearance)
    - Aircraft Hangars
        - Commercial/FBO and aircraft storage

        - Conventional hangars and multi-unit hangars
        - Majority of new based aircraft will be hangared
- Support/Infrastructure Facility Requirements
    - Airport Access Roads
        - Public vehicle access and parking
        - Tenant vehicle access and parking
        - On-airport and off-airport development
    - Utilities (water, sewer, electric)
    - Stormwater

4. FAA AIRPORT DESIGN STANDS

Key FAA Design Standards

Examples of facilities with different (increased) dimensional standards in ADG I and ADG II:

- Runway width
- Runway length (determined by design aircraft needs)
- Runway protected areas (safety area, object clearances)
- Parallel taxiway separation (from runway)
- Parallel taxiway width
- Apron taxilane clearances and size of parking areas

5. NEXT STEPS -

Airport Development Alternatives- create options for developing new facilities to meet forecast demand and facility requirements:

- Prepare and Present Draft Preliminary Options
- Public and Planning Advisory Committee Review
- Refine Option Elements Based on Input
- Prepare and Present Preliminary Preferred Alternative
- Public and Technical Advisory Committee Review
- Additional Refinement (as needed)