McKinney Airport Master Plan Update

February 6, 2018

Paul Hendricks
phendricks@fairviewtexas.org
pmh1004@sbcglobal.net
469-667-7750
McKinney Airport Master Plan

• The recommended Master Plan Concept for proposed development potential over the next 20+ years
• A detailed Capital Improvement Program associated with potential airport development
• An environmental overview of the proposed development

Airport Master Plan Update Study is a Recurring FAA Requirement to ensure Airport Readiness and Adequacy for Future Capacity
MASTER PLAN WORK FLOW

STUDY INITIATION
- Scope of Service
- Establish PAC/TAC
- Goals and Objectives

INVENTORY
- Airport Facilities
- Airspace and Air Traffic Activity
- Airport Access and Parking, Utilities, and Aerial Photography
- Area Socioeconomic Data
- Local Planning and Land Use

FORECASTS
- Based Aircraft and Fleet Mix
- Annual Operations
- Commercial Passenger Enplanements

FACILITY REQUIREMENTS
- Design Categories
- Runway Length and Strength
- Support Facilities
- Taxiways
- Airfield Capacity
- Hangar Facilities
- Terminal Building
- Aprons
- Navigation Aids

AIRPORT ALTERNATIVES
- Evaluate Development Scenarios
  - Areal
  - Landscape
  - Support

AIRPORT PLANS/LAND USE COMPATIBILITY
- Master Plan Concept
- ALP Drawing Set
- Land Use Management
- Environmental Overview
- Sustainability Initiatives

FINANCIAL PLAN/DEVELOPMENT PROGRAM
- Detailed Master Plan Facility and Land Use Plans
- Airport Development Schedule
- Cost Estimates
- Funding Sources
PAC Meetings

• December 12, 2017: Recommended Master Plan Concept and Capital Improvement Finance Plan
  – Airside recommendations
    • Extend Runway 18-36 1,500 ft to the south (safety and heavy ops)
    • Improve airfield capacity via constructing a parallel runway
    • Consider acquiring land beyond the existing Airport property to accommodate a runway extension, proposed parallel runway
  – Landside recommendations
    • Acquire land and extend infrastructure to the east and west sides of the Airport for future development potential
    • Expand the General Aviation terminal on the west side
    • Designate areas that can accommodate aviation development on the west side for hangar development
    • Construct airport support services to include aircraft maintenance facilities, Customs and fuel farm expansion
Phased Funding Profile

• Short Term (1 – 5 years): $124,000,000
  • Construct General Aviation Terminal (EDC/CDC Support)
  • Acquire Land
  • Extend Hangar Taxilane access
  • Extend Runway 18-39 1,500’

• Intermediate Term (6 – 10 years): $37,000,000
  • Lighting, Hangar access

• Long Term (11 – 20 years): $383,000,000
  • Construct Parallel Runway
  • Construct Commercial Service Complex
  • Construct Parking Complex
  • Taxiway Modifications

• Total Program: $544,000,000

FAA grant funding and McKinney Bond funding will be required
Recommended Response and Actions to McKinney Airport Master Plan Update Study

• Status
  – McKinney Council and staff
    • Aware of Fairview letter
    • McKinney Council briefing on Airport Study Results: Spring/Summer
  – McKinney Consultant aware of letter and comment response
    • No response to date
  – New Airport manager, Ken Carly
    • February 5 – on staff
    • Plan to meet and review Fairview airspace
    • Airport study results/assessment – Spring
  – McKinney actions
    • New General Aviation Terminal to be constructed (Apr start)
      – 17,000 sq ft (largest in US)
    • Procure 190 acres east of AP (Mar)
      – Land + Terminal ($22.5M): Funding approval on McKinney Council Agenda
    • Joint use hangar – private public funded (40,000 sq ft, Mar) ($16M)
Recommended Response and Actions to McKinney Airport Master Plan Update Study

- Inform Fairview Town Council and residents on status and results of the study: Presentation on website - complete
- Prepare letter from Fairview to McKinney Council complete
  - Fairview awareness and noise abatement concerns
  - Propose meeting with McKinney Council, if needed
  - Attend McKinney Council meetings, when appropriate
Recommended Response and Actions to McKinney Airport Master Plan Update Study

• Action Items
  – Maintain interface with McKinney staff
  – Assess Fairview noise environment – status McKinney consultants
  – Real Estate values – EDC/Hubbard study
  – Investigate funding sources
    • Collin County – open
    • Other sources: TXDOT/FAA
  – Monitor approval timeline
    • McKinney Council – Spring/Summer
    • TXDOT/FAA