AUS Fuel Farm

Fuel Farm Improvement Plan
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Agenda

• Introductions
• Council Member Fuentes
• Austin-Bergstrom International Airport (AUS) Overview
  • Governance, Master Plan, Site Selection
• AUS Fuel Project Overview
  • Environmental, Security and City of Austin Site Permit
• Questions and Answers
Airport Governance

• The airport is owned and operated by the City of Austin, through the Department of Aviation

• The Department of Aviation is enterprise department for the City of Austin. The department doesn’t rely on municipal budget appropriations to operate or to develop AUS

• The Federal Aviation Administration (FAA) regulates aircraft operations and most development at AUS. Federal environmental and aircraft safety regulations were triggered by the proposed project
Master Plan
&
Project Overview
• Current Facility constructed in 1999.
• Austin city growth = Airport passengers increase = airport facilities need to expand
• The expected number of flights and passengers will double in 20 years.
• Expansion is outlined in a master plan approved by FAA till 2040 - additional fuel capacity is critical.
• Master expansion plan includes 4 phases – Total of 61 projects
  - Phase 1- 22 projects – Fuel Farm #16
    - Phase 2 16 Projects
    - Phase 3 21 Projects
    - Phase 4 8 Projects
• AUS Fuel has contracted with Burns & McDonnell, a highly reputable full service engineering, architecture, construction, environmental and consulting solutions firm.
• Burns & McDonnell is leading the design, permitting and construction phases of the project.
• AUS Fuel will also continue to employ Menzies Aviation to operate the facility, as they have done without incident, since 1999.
AUS Phase 4 Layout Plan
Airport Uses & Site Selection

- FAA
- Airline Maintenance & GA Use
- LF
- Aviation Terminal Envelope
- Flood Plain
- Airline Freight
- Fuel
- Cargo & Aviation Use
Future Long Term Development

- Protect the Long Term Economic Benefits that are derived from Airport Operations

- Runway Extension – International Connectivity

- Maximize the Property for Long Term Passenger Growth for Central Texas
Project Management Overview

Environmental
Safety & Security
City of Austin Site Permit
Federal, State & Local Approvals Obtained

• Federal
  • AUS Master Plan - Airport Layout Plan in March 2019
    • Community outreach – 4 public meetings, yard signage, media and newspaper, social media, website
  • FAA National Environmental Policy Act Environmental Assessment April 2020
  • Spill Prevention Control and Counter Measure Plan
  • Facility Response Plan (spill response)
  • Construction Safety Phasing Plan (FAA)

• State
  • Texas Pollutant Discharge Elimination System (Storm Water Permits for construction and operations)
  • Hydrostatic Test General Permit (underground piping)
  • Air Permit by Rule
  • Above ground storage tank notification
  • TXDOT HWY 71 access permit

• City
  • Local building permits (site Development, building, electric, mechanical, plumbing, fire suppression & wastewater)
  • Austin Fire Department Hazardous Materials Storage Permit
  • Third party lease agreement
Project Management, Safety and Security

AUS Fuel Company, LLC owns and manages commercial airline fuel infrastructure at AUS

• Security – Confidential information due to TSA 1542 regulations

• Safety & Security
  • Staffed 24/7
  • Security and CCTV system
  • Safety and security lighting
  • Security controlled access gates and 10-foot fencing that exceeds FAA/TSA standards
  • High and low level sensors and alarms
  • Secondary Spill Containment System with liner
  • Fire fighting equipment installed
Burns & McDonnell / Jet-A Fuel

• Burns & McDonnell
  • Aviation Jet-A Fuel Facility Leader
  • The past 5 years alone have designed & built
    • Larger fuel facilities at Philadelphia, St. Louis and Tucson
    • Similar sized projects in Honolulu, San Diego, Portland, Seattle, Phoenix, Minneapolis- Saint Paul and Milwaukee

• Jet-A Fuel
  • 60+ Years
  • Low Volatility
  • At normal temperatures
  • Gives off very little vapor
  • Does not ignite easily
Facility Layout & Environmental Controls
Airport Information

General Airport Information

Department of Aviation Environmental Affairs

For further information please contact:
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Questions & Answers

Thank you