TNCs and Emerging Technologies at DFW Airport

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TOPICS

- Transportation Network Companies (TNCs)
  - Passenger Travel Patterns
  - Implications of TNCs
  - Operational Impacts of TNCs
- Other Emerging Technology/Trends
Passenger Travel Patterns

Transportation Access to the Airport is in a state of evolution

TNCs currently account for 25% of Mode Share

Parking revenue continues to show increases year over year
  - Passenger volume increases
  - Business traveler preferences
  - Online Parking Reservation System

TNC’s Effects

Initial TNC deployment (2015 - 2017)
  - Curb congestion, confusion among drivers and passengers
  - TNCs response to growth
  - Roadway and parking spillover effects
  - Temporary staging areas to hold overflow of Taxis and Limos
  - North Texas impact on DFW

Policy and Operational Changes (2018 -)
  - Operating Agreement
    - Established licensing and operating conditions and expectations for drivers and customers
  - Curbside Reallocation
Emerging Technologies/Trends

- Autonomous Vehicles
- Urban Air Mobility

Preparing for AVs at DFW

- DFW new Innovation Team
- Opportunities to implement AV
  - Airstrip
  - Employee Parking
  - Campus Circulator
  - Last Mile
Urban Air Transportation at DFW

- Small, electric aircraft
- Reduces roadway congestion
- Zero emissions, reduce pollution
- Noise comparable to road traffic during takeoff and quiet enough to operate through urban skies
- Requires a new business model
- Facilities and Infrastructure

Summary

Ground Transportation is in a state of evolution having a direct impact on how people access DFW Airport

Our Actions:

- Adapt to the changing market
- Monitor access activity
- Monitor global industry trends in transportation
- Implement actions as needed
Thank You