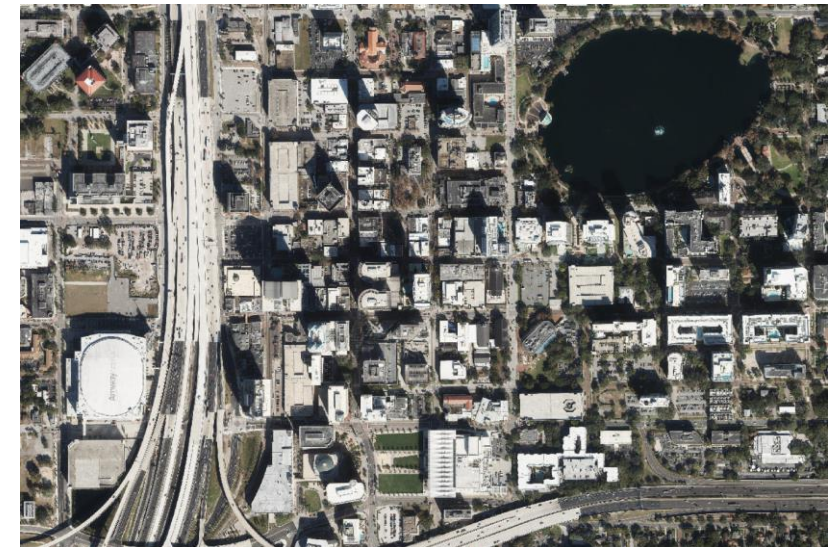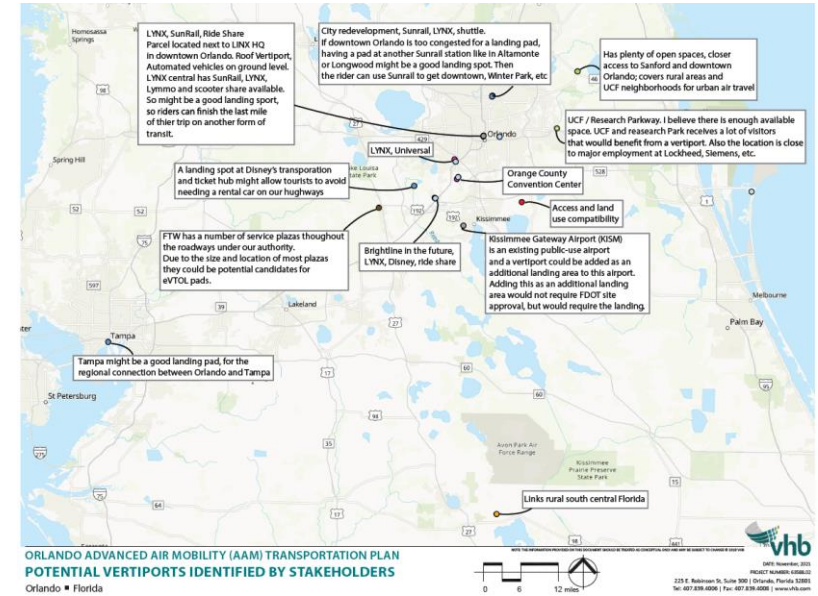**ICAO RPAS Symposium 2022 - Vertiports – Where are We?**
                    Considerations from a local municipality viewpoint

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Vertiport Siting Considerations

ORLANDO ADVANCED AIR MOBILITY (AAM) TRANSPORTATION PLAN
POTENTIAL VERTIPORTS IDENTIFIED BY STAKEHOLDERS
Orlando • Florida

- Supportive local **Policy/Land Use Regulations** must be in place or flexible enough to accommodate vertiports

- Understanding **community impact/noise** in dense urban environments will be key to regulating and minimizing impacts

- **Equity** must be a consideration in the placement of and type of Vertiport/Vertistop selected

- Consider **adjacent property** and the effect a Vertiport may have on redevelopment opportunities

- Enhanced **electrical infrastructure** is critical to enable the deployment of new eVTOL aircraft

- **Intermodal access** to accommodating passenger and cargo movement between aircraft and ground-based transportation

Vertiport Integration

- Vertiports must have **safe and reliable access** to ground-based infrastructure

- Locations for **emergency landing** and rerouting of ground-based connections

- Local jurisdictions must understand the **changing traffic patterns** that vertiports may bring

- Must think about a **door-to-door approach**, not just the trip between vertiports
  - Is there a **consolidated app** or experience to get me from my house to my destination?
  - Like any other transit, it is only successful if the **first mile/last mile** gap is filled

- **Data Sharing** between eVTOL operators, transit, municipalities and airspace operators is key