

Airport Inventory Worksheet

Updated February 2017

Introduction and Proposal:

In order for an airport to make money and be lucrative and successful, it needs to invest in its future and utilize its airport layout and master plan to its fullest capacity to ensure its longevity and relevance by embracing modern technologies and services to attract airlines which in turn will bring in businesses, travelers, and tourists to the area. Incorporating a unique airport experience that will entice travelers to want to visit and return will make the airport a financially viable staple in the community e-commerce to which it serves. Getting the community involved with the airport and vice-versa can open up future development for the airport. The relationships from business to airport and airport to business should be symbiotic, one feeding off of the other, resulting in both benefiting.

Depending on the location and age of an airport can make a world of difference on the amount of land available to it which will affect its resources and self-sustainability. Airports in busy, crowded metropolitan areas will have fewer opportunities to expand than an airport in less crowded areas where it can have the room to expand with virtually unlimited, unique opportunities for growth and expansion and revenue generating resources, which is the purpose of this investigation and proposal of viable opportunities that airports can and should take advantage of if possible.

This proposal has been broken down into 6 categories:

- Infrastructure
- Businesses – Comprised of Tourism/Attractions/Entertainment/Hotels and Restaurants
- Education
- Outdoor Recreation
- Agriculture

Land use is the most important factor as to what resources can be made available to an airport whether it is a large or small airport, private, public, general use, general aviation or large commercial airport. Location is key. Existing infrastructures for airports also have a huge role in what can be incorporated where land restrictions exist. What types of aircraft are able to utilize such airports; large, small and how large are the runways available and how many of them are at such airports to accommodate all types of traffic play a huge role in who will travel to and use these airports and what options will be available to them that are not necessarily typical at airports and unique unto themselves to generate additional revenue resources and make them productive and sustainable for the future.

Infrastructure

These are just the basics found at some but not all, and not necessarily all can be found at one location even at the largest airports due to the age of our airport system and aging infrastructure.

- FBO's
- Parking Facilities
- Long and short term parking
- Parking Garages
- State of the art airport access via entrances, exits and modern perimeter roads that are easily navigable and quick.
- Intermodal Transportation
- Monorail

- Train Transit
- Taxi
- Limo
- Bus
- Airframe Repairs
- Avionics Repairs
- Power Plant Repairs
- General Aviation Maintenance
- Aircraft Recycling Operation
- Aircraft Manufacturing
- Snow Removal
- Tower/Air Traffic Control
- Tugs
- Catering Services
- Air Carrier
- Air Taxi
- Aircraft Charter
- Emergency Medical Aircraft Operations
- Angel Flights
- Fire and Rescue
- Police/Security/TSA
- Customs
- Sufficient runway, taxiway and ramp facilities
- Hangers
- AV and Jet fuel
- Parking Garages

Businesses

Businesses in and around an airport are just as important as the airport itself. The more business that is located in the general vicinity of an airport will benefit both parties. Pease International Tradeport is the perfect example. 550000 sq. ft, 3000 acres, has 250 companies, and employs close to 10,000 people and is still growing which creates unlimited business opportunities and brings people and more business into the Tradeport. This is the perfect model for what an airport can be with the proper land put aside along with a well thought out Layout and Master Plan although this is a rare circumstance that should be the norm. The rent/lease revenue alone is substantial to the airport in this case and the more business that sets up shop within the airport property will bring in more business travelers, especially if those businesses are big, well known corporations, aviation related or not. Such examples might include:

- Shopping/Malls
- Restaurants
- Breakfast to late-night
- Diverse selections
- Movie Theaters
- Stadium/Imax/3D/Motion Odyssey
- Taverns and Bars/Nightclubs
- Coffee Shops/Bakery's
- Novelty Shops
- Industrial Business

- Corporate Business
- Aviation related businesses
- Research Companies
- Manufacturing companies
- On-site Airline Headquarters
- Hotels
- Short term and long term residence inns
- Comedy Clubs
- Stadiums
- Outdoor Concerts/Entertainment/Venues
- Casinos

Airports with an abundance of land have much more opportunities for the growth for aviation related businesses on airport land not currently used in the promotion of aviation.

Education

There are so many educational opportunities at an airport some of which are utilized, underutilized, abandoned and just not used. Having different venues of education at an airport will attract people interested in aviation and the understanding of airports and the environment of which an airport need to coexist with in order to be a valuable and safe functioning business.

- Flight Schools
- Aviation Courses
- UAV/Drone courses and registration
- Aerial Tours
- Helicopter and GA aircraft
- Photo tours and courses in Aviation Photography
- Ecological tours of the surrounding environment and how it's protected and cared for.
- On-site Ace Camps
- Airport Museum

Outdoor Recreation

Outdoor recreation and the use of available unused airport property can have a substantial positive economic impact for the airport which can help them generate more revenue, enabling them to expand on their existing infrastructure and improve on what needs to be improved upon. Depending on the geographical location of the airport whether it be in a mountainous region, close to an ocean or river or other water source, and depending whether it was winter, spring, summer or fall, the opportunities are limitless. If the airport is near a mountain and the mountain is part of the airports property, such examples would include:

Summer Activities:

- Mountainous regions & Coastal Regions:
- Botanical Gardens
- Zoos
- Petting Zoos
- Seaplane Aerial Tours
- Nature/Hiking trails
- Alpine Hiking
- Horseback riding Tours

- Mountain Biking
- Rollerblading
- Skateboarding
- Rollerblading and Skateboarding Community Areas
- World Class Golf Courses
- PGA Tournaments
- Airline Tournaments
- Aviation – Related Tournaments
- Canoeing
- Sail boating/boating
- Fishing
- Scuba-Diving
- Parasailing
- Camping
- Oktoberfest
- Canopy Tours
- Zip lines
- Frisbee Golf
- Mountain Climbing Courses
- Summer Alpine Coasters
- Water Parks
- Amusement Parks
- Motocross Parks/Events
- Sports Complex
- Outdoor sports fields for competitions such as soccer, baseball, football, tennis, volleyball, lacrosse, basketball to benefit aviation and the airport

Winter Activities:

- Winterfest
- Nordic Cross Country Skiing
- Snowmobile Contests
- Downhill Skiing
- Snowboarding
- Telemark Skiing
- Sledding/Tobogganing/Tubing Parks
- Dog Sled Competitions
- Sleigh Rides
- Ice Skating Rinks
- Recreational
- Hockey Tournaments
- Agriculture:
- Wind Farms
- Solar Farms
- Tree Farms
- Agricultural Farming

Conclusion

There are limitless opportunities when land is available. If an airport had the available land to work with they could access these resources and more and maybe even identify some new ones which could make the airport remain self-sufficient and sustaining in all of these possible available resources which planning boards and state economic developers could incorporate into the future planning and developments of the airport.