

FAA's Sustainable Master Plan Pilot Program

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Sustainability and Planning

- FAA has several airport initiatives/programs that align with Sustainability's "Triple Bottom Line:"
 - Reduction of environmental impacts
 - Maintaining high and stable levels of economic growth/economic benefits
 - "Social Progress"
- Some of these programs and initiatives have been in effect for years



Sustainability and Planning (continued)

- Ongoing Initiatives/Programs:
 - “Part 150” Noise Compatibility Planning Program (started in 1984)
 - Voluntary Airport Low Emissions Program (VALE) (started in 2005)
 - Environmental Management Systems (AC issued in 2007)
 - Geothermal and Solar Projects
- Recent Sustainability Initiatives/Programs:
 - Solar Guidance
 - Sustainable Master Plan Pilot Program
- These initiatives compliment the long-standing initiatives at individual airports



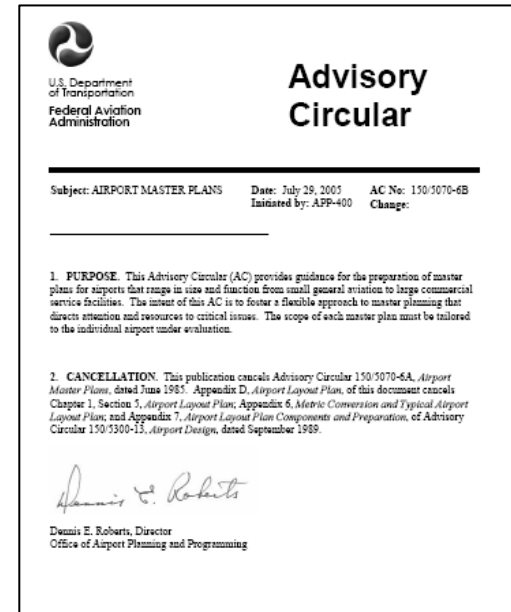
Sustainability and Planning (continued)



- Though we have committed to sustainability plans in the airport setting, many of them have been associated with an environmental impact analysis
- Initiatives like the Sustainable Master Plan Pilot Program are intended to take a more proactive, holistic approach to sustainable planning

Sustainability and Planning (continued)

- FAA's Airports Organization envisions sustainability becoming a core planning objective, not a secondary activity
- This approach creates a roadmap to identify ways to:
 - Reduce energy consumption,
 - Reduce environmental impacts,
 - Realize economic benefits, and
 - Become a better neighbor.



Sustainable Master Plan Pilot Program - Background

- In May 2010, FAA released interim guidance on the Sustainable Master Plan Pilot Program
- Involves providing AIP funding for studies that address sustainability as a core objective in long-range planning
- Pilot program participants will have 2 years to complete their documents
- 10 airports are participating in the program



Selected Airports

Sustainable Master Plans:

Nashville International Airport

Newport News/Williamsburg International Airport

Newton City-County Airport

Sustainable Management Plans:

Denver International Airport

Fresno Yosemite International Airport

Hartsfield-Jackson Atlanta International Airport

Newark Liberty International Airport

Outagamie County Regional Airport

Renton Municipal Airport

Teterboro Airport



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Program Objectives

- To determine how we can achieve an airport's forecasted demand and meet aviation standards while:
 - ✓ Reducing environmental impacts
 - ✓ Maintaining economic growth
 - ✓ Achieving social progress

- To collect information for program guidance on sustainability



Background (continued)

- Selected airports have the option of:
 - Developing a sustainability chapter within a Master Plan, or
 - Developing a stand-alone document evaluating sustainability at their airport
- Both studies take a holistic view airport activities (as opposed to project-specific evaluations)



Required Content

Each plan has six required elements:

1. A sustainability policy or mission statement
 - This will also include a description of how the policy will be distributed to employees and external stakeholders
2. Establishment of “sustainability categories” (e.g., Environmental Resources, Socioeconomics)
3. A baseline assessment/inventory for each category.
This includes:
 - Resource usage
 - Emissions inventories
 - Current land uses

Required Content (continued)

4. Establish measurable goals to minimize the impacts/resource consumption of airport activities
 5. Identify a range of sustainability initiatives to help the airport achieve each goal
 6. Incorporate public participation and outreach to the greatest extent practicable. Examples include:
 - Involving local universities/community groups
 - Distributing the plan to the local community
- ★ There is significant flexibility within each required element. Diverse solutions/approaches are encouraged

Next Steps

- The FAA's Airports Organization is currently preparing/reviewing preliminary documentation for the plans
- As the documents are prepared, we will be collecting information and lessons learned
- Both the plans and the process for preparing them will be evaluated at the end of the program
- As stated earlier, information gathered will be used to develop national program guidance



Thank You



Please visit FAA's
Airport Sustainability Webpage
for more information:

[http://www.faa.gov/airports/
environmental/sustainability/](http://www.faa.gov/airports/environmental/sustainability/)

