

*The Florida*

# **Aviation Project Handbook**

*A handbook of state funding information  
for Florida airports*

**July 2002**

**Aviation Office  
Florida Department of Transportation**

# Handbook Contents

Page	Topic
1	Which airports are eligible?
1	Which projects are eligible for funding?
3	How much funding can an airport receive?
4	Table: FDOT's share of project funding
5	Key to programs
6	Catalog of eligible projects
9	Who should I contact?

## Florida's Aviation Mission

The aviation mission of the Florida Department of Transportation is to provide a secure and safe air transportation system that ensures the mobility of people and goods, enhances economic prosperity, and preserves the quality of our environment and communities.

The Department pursues this mission through extensive coordination with local government and regional agencies and with financial support and technical assistance.

## Why does Florida have an aviation grant program?

The Florida Department of Transportation (FDOT) Aviation Office has a grant program to help provide a safe, cost-effective, and efficient statewide aviation system.

FDOT grant funds help airports build and maintain runways and taxiways, eliminate airport hazards, protect the air space, and build terminals and other facilities.

The state aviation grant program is funded from the State Transportation Trust Fund. The aviation industry is a major contributor to this fund through Florida's aviation fuel tax.

All publicly owned Florida airports that are open for public use and that are under public operational and developmental control are eligible for state funding.

## **Which airports are eligible?**

In general, Florida law allows the Department to fund any capital project on airport property and any services that lead to capital projects, such as planning and design services. The only off-airport projects allowed are purchase of mitigation land, noise mitigation, purchase of aviation easements, and access projects for intercontinental airports.

## **Which projects are eligible for funding?**

Airport capital equipment is eligible, except equipment closely related to day-to-day operations. In general, operational costs such as maintenance services, equipment, and supplies are not eligible for aviation grants.

To be eligible for Department grants, each airport project must be consistent with the airport's role defined in the Florida Aviation System Plan, and capital projects must be part of a Department-approved airport master plan/layout plan.

The Department's aviation grant program includes:

- Airport Planning
- Airport Improvement
- Land Acquisition
- Airport Economic Development

### **Airport Planning**

*To study options for airport development and operations*

The Department funds airport master planning, airport layout plans (ALPs), noise and environmental studies, economic impact, services development, and airport promotion.

#### **Examples:**

- Master plans/ALPs
- Master drainage plans
- Environmental assessments (EAs)
- Development of regional impact (DRIs)
- Operations/emergency response plans
- FAR Part 150 noise studies
- Environmental impact studies (EISs)
- Wildlife hazard studies
- Feasibility/site selection studies
- Business plans
- Airport management studies and training
- Air service studies and related promotional materials

# Which projects are eligible for funding? (continued)

## **Airport Improvement**

*To provide capital facilities and equipment at airports*

### **Examples:**

- Air-side capital improvement projects (runways, taxiways, aprons, T-hangars, fuel farms, maintenance hangars, lighting, control towers, instrument approach aids, automatic weather observation stations)
- Land-side capital improvement projects (terminal buildings, parking lots and structures, road and other access projects)
- Preservation projects (overlays, crack sealing, marking, painting buildings, roofing buildings, etc.)
- Safety equipment (including AARF equipment, lighted Xs)
- Safety projects (tree clearing; land contouring on overrun areas; removing, lowering, moving, marking, and lighting hazards)
- Information technology equipment (used to inventory and plan airport facility needs)
- Drainage improvements

## **Land Acquisition**

*To protect Florida's citizens from airport noise, and to protect airport clear zones and runway approach areas from encroachment*

### **Examples:**

- Land acquisition (for land in an approved master plan/ALP)
- Mitigation land (on or off airport)
- Aviation easements
- Right-of-way
- Approach clear zones

## **Airport Economic Development**

*To encourage airport revenue at general aviation airports*

### **Examples:**

- Any general aviation airport improvement and land purchase that will enhance economic impact
- Buildings for lease
- Industrial park infrastructure and buildings
- General aviation terminals that will be 100 percent leased out
- Industrial park marketing programs

## How much funding can an airport receive?

### Commercial Service Airports

The Department provides up to one-half of the local share of commercial service airport project costs when federal funding is available. For example, the Department provides up to 12.5 percent of project costs when the Federal Aviation Administration provides 75 percent funding. When no federal funding is available, the Department provides up to 50 percent of project costs.

### General Aviation Airports

The Department provides up to one-half of the local share of general aviation airport project costs when federal funding is available. For example, the Department provides up to 5 percent of project costs when the Federal Aviation Administration provides 90 percent funding. When no federal funding is available, the Department provides up to 80 percent of project costs.

### Economic Development

The Department provides up to 50 percent of the costs to build on-airport revenue-producing capital improvements such as industrial park facilities at general aviation airports.

### Airport Security and Financial Impacts Subsequent to September 11, 2001

The Department provides up to 100 percent of airport capital and operating costs for security and reduced airport revenue attributable to the September 11th terrorist attacks on New York and Washington. Capital and operating costs do not have to be directly related to security to be eligible.

This program is titled *flexible funding* and is only available until June 30, 2004.

### Airport Loans

The Department provides interest-free loans for 75 percent of the cost of airport land purchases for both commercial service and general aviation airports. These loans are to be repaid to the normal Florida airport improvement program funding ratio when federal funds become available, or in 10 years, whichever comes first.

### Funding Availability

Availability of funding and shares of project costs are limited to amounts appropriated by the Florida Legislature and allocations to each Department district office. Contact your district aviation representative to develop a funding plan for your airport needs. A list of district representative is provided at the end of this handbook.

## Table: FDOT's share of project funding

### FDOT's Share of Project Funding

Type of Development	If federal funding is available	If federal funding is <i>not</i> available
<b>Commercial Service Airports</b>	FDOT provides up to 50% of local share	FDOT provides up to 50%
<b>General Aviation Airports</b>	FDOT provides up to 50% of local share	FDOT provides up to 80%
<b>Economic Development</b>	Not applicable	FDOT provides up to 50%
<b>Airport Loans</b>	Not applicable	FDOT provides 75% interest free for 10yrs
<b>Security</b>	FDOT provides up to 100% of local share	FDOT provides up to 100%

## Key to Programs

Use this key for an explanation of the program numbers on pages 6 to 8.

### **91 Land Acquisition**

*To acquire land for airport development or safety. Acquisition by loan is encouraged if future federal reimbursement is likely.*

Allows up to 75 percent state share, interest-free, 10-year loans for land.

Allows up to 50 percent state share grants at commercial service airports when there is no federal participation. Allows up to one-half of the non-federal share when federal funding is available.

Allows up to 80 percent state share grants when there is no federal participation. Allows up to one-half of the non-federal share when federal funding is available.

### **10 Airport Economic Development Program**

*To develop facilities at any public airport that will produce airport revenue and encourage positive community economic impact.*

Allows up to 50 percent state share grants.

### **28 Airport Planning Program**

*To plan and promote airport facilities and operations.*

Allows up to 50 percent state share grants for commercial service airports and up to 80 percent state share grants for general aviation airports when there is no federal participation. Allows up to one-half of the non-federal share when federal funding is available.

### **32 Airport Discretionary Capacity Program**

*To add capacity to Florida's major airports in order to maintain Florida's competitive advantage in the international marketplace.*

Allows up to 50 percent state share grants for airports with scheduled inter-continental service.

### **33 Commercial Service Airport Improvement Program**

*To develop transportation facilities at commercial service airports.*

Allows up to 50 percent state share grants when there is no federal participation. Allows up to one-half of the non-federal share when federal funding is available.

### **34 General Aviation Airport Improvement Program**

*To develop transportation facilities at general aviation airports.*

Allows up to 80 percent state share grants when there is no federal participation. Allows up to one-half of the non-federal share when federal funding is available.

# Catalog of Eligible Projects

\*For an explanation of the numbers in the programs column, see the Key to Programs on page 5.

<u>Project Type</u>	<u>Program*</u>
<b>A</b>	
AARF facilities and equipment) .....	See “Safety equipment”
Access projects (off-airport) .....	32
Access projects (on-airport) .....	10, 32, 33, 34
Air service studies and related promotional materials .....	28
Air-side capital improvement projects .....	10, 32, 33, 34
Approach aids .....	10, 32, 33, 34
Approach clear zones .....	See “Land acquisition”
Aprons .....	10, 32, 33, 34
Automatic weather observation stations ...	10, 32, 33, 34
<b>B</b>	
Buildings for lease (other than aircraft hangars) .....	10
Business plans .....	28
<b>C</b>	
Cargo facilities .....	10, 32, 33, 34
Computer equipment and software .....	33, 34
Control towers .....	10, 32, 33, 34
<b>D</b>	
Development of regional impact (DRI) ....	28
Dogs .....	See “Safety equipment” or “Security equipment”
Drainage improvements .....	10, 32, 33, 34
<b>E</b>	
Environmental assessments (EAs) .....	28
Environmental impact studies (EISs) .....	28
Equipment (capital equipment related to airport safety or security) .....	32, 33, 34
<b>F</b>	
FAR Part 150 noise studies .....	28
Feasibility and site selection studies .....	28
Fencing .....	See “Safety equipment” or “Security equipment”
Fuel farms .....	10, 33, 34
<b>G</b>	
GA terminals (100% leased) .....	10
GA terminals (with a public area) .....	10, 34
<b>H</b>	
Hangars .....	10, 32, 33, 34
Heliport facilities .....	10, 32, 33, 34

**Project Type**

**Program\***

**Catalog of Eligible Projects**

**I**

Industrial park and other non-aviation marketing projects ..... 10

Industrial park infrastructure and buildings ..... 10

Information technology equipment (used to inventory and plan airport facility needs) ..... 10, 32, 33, 34

Instrument approach aids (solely to encourage economic development) .... 10

Instrument approach aids (required for capacity) ..... 10, 32, 33, 34

**L**

Land acquisition ..... 91

Land contouring on overrun areas ..... See “Safety projects”

Land-side capital improvement projects ... 10, 32, 33, 34

Lighted Xs ..... See “Safety equipment”

Lighting ..... 10, 32, 33, 34

**M**

Management studies and training ..... 28

Marking ..... 10, 32, 33, 34

Master drainage plans ..... 28

Master plans/ALPs ..... 28

Mitigation land (on or off airport) ..... 91

**N**

Noise mitigation with Part 150 study ..... 32, 33, 34

**O**

Operations/emergency response plans ..... 28

**P**

Parking lots and structures ..... 10, 32, 33, 34

Preservation projects (overlays, crack sealing, marking, painting buildings, roofing buildings, etc.) ..... 33, 34

**R**

Ramp sweepers/vacuums ..... See “Safety equipment”

Removal, lowering, moving, marking and lighting hazards, including tree clearing ..... See “Safety projects”

Right-of-way ..... 91

Roads (off-airport) ..... 32

**\*For an explanation of the numbers in the programs column, see the Key to Programs on page 5.**

# Catalog of Eligible Projects

\*For an explanation of the numbers in the programs column, see the Key to Programs on page 5.

<u>Project Type</u>	<u>Program*</u>
Road and other access projects (on-airport)	10, 32, 33, 34
Runways .....	10, 32, 33, 34
<b>S</b>	
Safety equipment (including AARF equipment, lighted Xs) .....	33, 34
Safety projects (including land contouring on overrun areas; and removal, lowering, moving, marking and lighting hazards, including tree clearing) .....	33, 34
Security equipment .....	32, 33, 34
Signage .....	10, 32, 33, 34
Studies (for example, 3DAAP).....	28
<b>T</b>	
Taxiways .....	10, 32, 33, 34
Terminal buildings .....	10, 32, 33, 34
Terminal equipment (for example, passenger loading bridge) .....	10, 32, 33
T-hangars .....	10, 32, 33, 34
<b>W</b>	
Wildlife hazard studies .....	28

For more information, contact the FDOT District Office in your area:

**District 1**

Wayne Chewning, (863) 519-2392

*Counties:* Charlotte, Collier, DeSoto, Glades, Hardee, Hendry, Highlands, Lee, Manatee, Okeechobee, Polk, Sarasota

**District 2**

Roland Luster, (386) 961-7855

*Counties:* Alachua, Baker, Bradford, Clay, Columbia, Dixie, Duval, Gilchrist, Hamilton, Lafayette, Levy, Madison, Nassau, Putnam, St. Johns, Suwannee, Taylor, Union

**District 3**

Joe Smith, (850) 638-0250 x-553

*Counties:* Bay, Calhoun, Escambia, Franklin, Gadsden, Gulf, Holmes, Jackson, Jefferson, Leon, Liberty, Okaloosa, Santa Rosa, Wakulla, Walton, Washington

**District 4**

Rebecca Rivett, (954) 777-4044

*Counties:* Broward, Indian River, Martin, Palm Beach, St. Lucie

**District 5**

Jim Wikstrom, (407) 482-7857

*Counties:* Brevard, Flagler, Lake, Marion, Orange, Osceola, Seminole, Sumter, Volusia

**District 6**

Andrea Chao-Garcia, (305) 377-5912

*Counties:* Dade, Monroe

**District 7**

John Roeller, (813) 975-6409

*Counties:* Citrus, Hernando, Hillsborough, Pasco, Pinellas

**Who should I contact?**

**Aviation Office**

Florida Department of Transportation  
605 Suwannee Street, MS-46  
Tallahassee, Florida 32399-0450  
(850) 414-4500

**Web Site:** [www11.MyFlorida.com/aviation](http://www11.MyFlorida.com/aviation)