The Florida

Aviation Project Handbook

A handbook of state funding information for Florida airports

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Aviation Office
Florida Department of Transportation
www.dot.state.fl.us/aviation

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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 airspace, develop plans, acquire land, 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.

Which Airports are Eligible? *Source: Chapter 332, Florida Statutes*

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 Projects are Eligible for Funding?

Source: Chapter 332, Florida Statutes

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 the purchase of mitigation lands and aviation easements, noise mitigation such as sound proofing, and access projects for intercontinental airports.

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, airport projects must be consistent with the airport's role defined in the Florida Aviation System Plan (FASP) and, to the maximum extent feasible, the approved local comprehensive plan. In addition, capital projects must be part of a department-approved airport master plan and airport layout plan. The department's aviation grant program includes:

- Airport Planning
- Airport Capital 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 analysis, services development, and airport promotion.

Examples:
- Airport master plans and airport layout plans (ALPs)
- Master drainage plans
- Environmental assessments (EAs)
- Development of regional impact (DRIs)
- Operations/emergency response plans
- Federal Aviation Regulation Part 150 noise studies
- Environmental impact studies (EISs)
- Wildlife hazard studies
- Economic Impact Studies and Analysis
- Business plans
- Airport management studies and training
- Air service studies and related promotional materials

Which Projects are Eligible for Funding? (Continued)

Airport Capital Improvement - T*o 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 fire rescue equipment, and 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
- Security projects (lighting, signage, fencing, baggage checkpoint improvements, access control, facility hardening, plans)

Land Acquisition -
To protect Florida's citizens from airport noise, and to protect airport clear zones and runway approach areas

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
- Runway protection zones

Airport Economic Development - *To encourage Florida's general aviation airports to become self-supporting*

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?

Source: Chapter 332, Florida Statutes

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 80 percent of the local share of general aviation airport project costs. For example, the department provides up to 8 percent of project costs when the Federal Aviation Administration provides 90 percent funding. Or, the department may match up to 80 percent of general aviation airport project costs when matching local funds.

General Aviation Airport 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
This program is informally referred to as "*flexible funding"* and the department provides up to 100 percent funding for security related capital costs. Another significant feature of this program is the funding approval process is streamlined so the department can be more responsive to airport security needs. The department can issue these grants until **June 30, 2012**. After this date, security projects will be funded at the same matching rates as other projects.

The department may also fund up to 100 percent of operational and maintenance expenses related <u>only</u> to airport security projects. The department's authority to reimburse such operational and maintenance costs is limited to a period of **two years**, July 1, 2009 through June 30, 2011.

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 on page 9 of this handbook.

FDOT's Share of Project Funding

Source: Chapter 332, Florida Statutes; Department Work Program Instructions

Type of Development	**If federal funding is available**	**If federal funding is *not* available**
Commercial Service Airports	Department provides up 50% of non-federal share	Department provides up to 50% of total project costs
General Aviation Airports	Department provides up 80% of non-federal share	Department provides up 80% of total project costs
Economic Development	Not applicable	Department provides up to 50% of total project costs
Security	Department provides up to 100% of non-federal share (1) (2)	Department provides up to 100% of total project costs (1) (2)

(1) Pursuant to section 332.007(8), Florida Statutes, the department's authority to provide up to a 100 percent match for security projects expires on **June 30, 2012**.

(2) The 2010 Legislature amended section 332.007(8), F.S., in order to make security related operational and maintenance projects eligible for state funding. The department's authority to fund these projects **expires June 30, 2011.**

FDOT Project Funding Priorities

The department must determine if projects are consistent with the goals of the FASP in order to receive state funding. Project funding is based on consideration of airport priorities and the following state priorities:

- Encourage the maximum allocation of federal funds
- State standards per Chapter 14-60, Florida Administrative Code
- State and federal standards for safety
- State and federal standards for security
- Preserve existing airport infrastructure
- Increase the capacity of Florida's airports

Key to Programs

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

Source: Chapter 332, Florida Statutes; Department Work Program Instructions

Airport Economic Development (Program 10)

To develop facilities at any public airport that will produce airport revenue and encourage positive community economic impact. Non-aeronautical projects are eligible.

Allows up to 50 percent state share grants for general aviation airports.

Airport Planning (Program 28)

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. When federal funds are available, allow up to 50 percent state share grants for commercial service airports and up to 80 percent of the non-federal share for general aviation airports.

Airport Discretionary Capacity (Program 32)

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 intercontinental service. Priority is given to projects for land acquisition, international terminals and airport access transportation projects.

Commercial Service Airport Improvement (Program 33)

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.

General Aviation Airport Improvement (Program 34)

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 80 percent of the non-federal share when federal funding is available.

Land Acquisition (Program 91)

To acquire land for airport development or safety. Acquisition through a reimbursable project is encouraged if future federal reimbursement is likely.

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.

Catalog of Eligible Projects

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

Project Type	Program*
A	
Fire rescue 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	
Buildings for lease (other than aircraft hangars)	10
Business plans	28
C	
Cargo facilities	10, 32, 33, 34
Computer equipment and software	33, 34
Control towers	10, 32, 33, 34
D	
Development of regional impact (DRI)	28
Dogs	See “Safety equipment” or “Security equipment”
Drainage improvements	10, 32, 33, 34
E	
Environmental assessments (EAs)	28
Environmental impact studies (EISs)	28
Equipment (capital equipment related to airport safety or security)	32, 33, 34
F	
FAR Part 150 noise studies	28
Fencing	See “Safety equipment” or “Security equipment
Fuel farms	10, 33, 34
G	
General aviation terminals (100% leased)	10
General aviation terminals (with a public area)	10, 34

Catalog of Eligible Projects—Continued

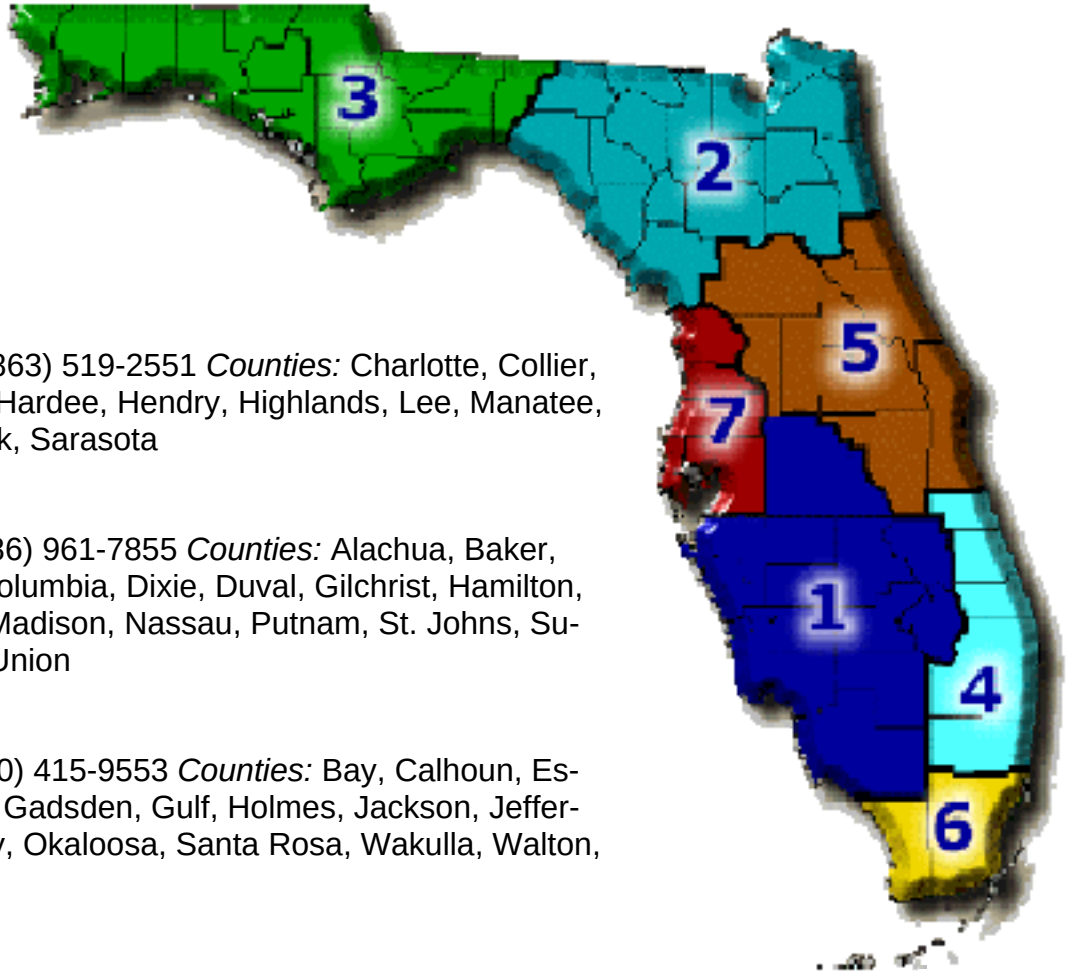
Project Type	Program*
H	
Hangars……	10, 32, 33, 34
Heliport facilities……..	10, 32, 33, 34
I	
Industrial park and other non-aviation marketing projects	10
Industrial park infrastructure and buildings	10
Information technology equipment (used to inventory and plan airport facility needs)	10, 32, 33, 34
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/airport layout plans.....	28
Mitigation land (on or off airport) …….....	91
N	
Noise mitigation with Part 150 study	32, 33, 34
Non-aeronautical revenue-producing projects	10
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

Catalog of Eligible Projects—Continued

Project Type	Program*
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
Road and other access projects (on-airport)	10, 32, 33, 34
Runways	10, 32, 33, 34
S	
Safety equipment (examples include: fire rescue equipment, lighted Xs, etc.)	33, 34
Safety projects (including land contouring on over-run areas; and removal, lowering, moving, marking and lighting hazards, including tree clearing)	33, 34
Security (lighting, signage, fencing, baggage check-point improvements, access control, facility harden-ing, plans)	10, 28, 33, 34
Signage	10, 32, 33, 34
Studies (for example, airspace, land use, noise, economic impact)	28
T	
Taxiways	10, 32, 33, 34
Terminal buildings	10, 32, 33, 34
Terminal equipment (for example, passenger loading bridge)	10, 32, 33
T-hangars (aircraft storage)	10, 32, 33, 34
W	
Wildlife hazard studies	28

Who Should I Contact?

For more information, contact the FDOT district office in your area



District 1
Jeffery Leopold (863) 519-2551 *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
Scott Walters (850) 415-9553 *Counties:* Bay, Calhoun, Escambia, Franklin, Gadsden, Gulf, Holmes, Jackson, Jefferson, Leon, Liberty, Okaloosa, Santa Rosa, Wakulla, Walton, Washington

District 4
Birgit Olkuch (954) 777-4689 *Counties:* Broward, Indian River, Martin, Palm Beach, St. Lucie

District 5
Jim Wikstrom (407) 482-7874 *Counties:* Brevard, Flagler, Lake, Marion, Orange, Osceola, Seminole, Sumter, Volusia

District 6
Dionne Henry (305) 470-5292 *Counties:* Dade, Monroe

District 7
Raymond Clark (813) 975-6235 *Counties:* Citrus, Hernando, Hillsborough, Pasco, Pinellas

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