



SOUTH CAROLINA AIRPORTS SYSTEM PLAN

DONALDSON FIELD - GYH
GREENVILLE, SOUTH CAROLINA

Data Cycle 02/01/2018
Photo Date 2008



Governing Body
DONALDSON CTR. DEVELOPMENT COMM.

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Airport Classification - SC II

GREENVILLE, SOUTH CAROLINA

State Classification II – Corporate/Business (SC-II): Located in urbanized environment or in a rural location with a multi-jurisdictional service area, the SC Airports System Plan has determined that these airports should have runways that are a minimum of 5,000 feet x 100 feet with Airport Reference Code (ARC) designations of B-II or C-II. The airport's annual economic impact to the state of South Carolina has been quantified within the range of \$2 million to \$222 million as defined in the South Carolina Economic Impact of Aviation (May 2006).¹ These airports offer the full range of fuels and aviation services, instrument approach procedures, and are forecasted to have a growing population of based aircraft and annual operations. The future activity profile consists of between 30% and 50% of corporate and business operations with a smaller number of recreational or private users. The airports are not constrained by surrounding incompatible land uses or environmentally sensitive areas and have expansion capability for not only runways and taxiways but for support facilities such as apron, hangar and terminal facilities. Corporate/Business airports should have LPV approach minima of no higher than 250-3/4.

All minimum airport design standards for Classification II airports shall be based on the FAA Airport Reference Code (ARC) B-II or C-II with the following additions:

- * Shall have an Airport Layout Plan approved by SCAC,
- * Runway length shall be 5,000 feet,
- * Runway width shall be 100 feet,
- * Runway strength shall be 60,000 pounds dual wheel load,
- * Runways shall have unobstructed approaches in accordance with FAA AC 150/5300-13,
- * Airport shall attempt to achieve RNAV (GPS) LPV instrument approach minimums on the primary Runway of 250 feet and ¾ mile,
- * Runway to taxiway centerline distance shall be 300 feet,

¹ Wilbur Smith Associates in association with EDR Group and Franks and Associates (May 2006). South Carolina Economic Impact of Aviation. Prepared for The South Carolina Aeronautics Commission.



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GREENVILLE, SOUTH CAROLINA

Airport Operations and Based Aircraft Forecasts

Year	ITINERANT OPERATIONS					LOCAL OPERATIONS			Total Ops	IFR Ops	Based Aircraft
	Air	Comm	General	Military	ITIN	General	Military	Local			
	Carrier	Air Taxi	Aviation	Ops	Totals	Aviation	Ops	Totals			
2009	21	5,411	12,935	3,026	21,393	15,812	1,616	17,428	38,821	3,659	55
2014	21	5,472	13,080	3,060	21,633	15,287	1,562	16,849	38,482	3,700	83
2019	21	5,472	13,080	3,060	21,633	15,839	1,619	17,458	39,091	3,700	86
2029	21	5,472	13,080	3,060	21,633	16,944	1,732	18,676	40,309	3,700	92

[Hyper link to Airport Operations](#)

Base Aircraft for 2017		Annual IFR Flight for 2017		Piston	Turbine
Single Engine	31	0	Single Engine	0	0
Multi Engines	9	0	Multi Engines	0	0
Helicopter	0	0	Helicopter	0	0
Jet	1	0	Jet		
Military	10	0	Unknown		
Base Totals	51	0	IFR Totals		

[Hyper Link to IFR details](#)



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GREENVILLE, SOUTH CAROLINA

Airport Profile

Elevation	955.00' MSL	Latitude:	34-45-29.9000N
Lighting Schedule	SEE RMK	Longitude:	082-22-35.1000W
Magnetic Var	04°W		

Runway Information

ID	Length	Width	Surface	VGIS	REILS	Edge Lights	Approach Lights	Traffic Pattern
05/23	8000	150	CONC-G	P4L/P4L	None	HIGH	MALSR/	05 - RH

Gross Wheel Weight

ID	SW	DW	DTW	DDTW	Surface
05/23	94.0	121.0	199.0		CONC-G

NAVAIDS

ID	Type	FREQ	Direct/Distant
SPA	VORTAC	115.70	r235° 27.6 NM to fld

Communication

Tower	GRND	CLEAR	ATIS	ATC	RCO	APP/DEP	WEATHER	
FREQ	CNTRL	DEL	FREQ	FREQ	ID	BRNG/FREQ	FREQ	PHONE
133.325	121.4	121.4		133.325	GYH		127.325	(864) 277-5674

[Hyperlink to airport drawing diagram](#)

[Hyperlink to airport economic impact](#)



SOUTH CAROLINA AIRPORTS SYSTEM PLAN

Capital Improvement Program

Project Description	Project Cost	Federal Share	Non-Primary Entitlements	Discretionary	State	Local
2015						
Runway Safety Area and Drainage (Design & Phase 1)	\$291,919 90%	\$262,727	\$262,727	\$0	\$14,596 5%	\$14,596 5%
Totals for 2015	\$291,919	\$262,727	\$262,727	\$0	\$14,596	\$14,596
2016						
Runway Safety Area and Drainage (Phase 2)	\$211,713 90%	\$190,541	\$190,541	\$0	\$10,586 5%	\$10,586 5%
Totals for 2016	\$211,713	\$190,541	\$190,541	\$0	\$10,586	\$10,586
2017						
Runway Safety Area and Drainage (Phase 3)	\$260,119 90%	\$234,107	\$194,130	\$39,977	\$13,006 5%	\$13,006 5%
Totals for 2017	\$260,119	\$234,107	\$194,130	\$39,977	\$13,006	\$13,006
2018						
Rehabilitate Taxiway "A" [North]	\$585,000 90%	\$526,500	\$150,000	\$376,500	\$29,250 5%	\$29,250 5%
Totals for 2018	\$585,000	\$526,500	\$150,000	\$376,500	\$29,250	\$29,250
2019						
Rehabilitate Taxiway "B" [South]	\$685,000 90%	\$616,500	\$150,000	\$466,500	\$34,250 5%	\$34,250 5%
Totals for 2019	\$685,000	\$616,500	\$150,000	\$466,500	\$34,250	\$34,250



SOUTH CAROLINA AIRPORTS SYSTEM PLAN

Demographic and Business Profile Report

(Data provided for 20 Mile Drive Distance from Airport)

Total Population and Growth Rate

2000 Total Population	461,736
2008 Total Population	519,664
2013 Total Population	560,669
2000-2008 Annual Growth Rate	1.4%
2008-2013 Annual Growth Rate	1.5%

Per Capita Income

2000 Per Capita Income	\$21,416
2008 Per Capita Income	\$27,896
2013 Per Capita Income	\$32,442

Total Households

2000 Total Households	181,201
2008 Total Households	207,985
2013 Total Households	226,043

Median Household Income

2000 Median HH Income	\$41,013
2008 Median HH Income	\$53,154
2013 Median HH Income	\$61,745

Median Age

2000 Median Age	35.5
2008 Median Age	37.5
2013 Median Age	38.5

2008 Population by Age

Population 0 - 14	20.1%
Population 15 - 24	13.1%
Population 25 - 54	43.2%
Population 55 +	22.0%
Population 18+	76.0%
Population 85+	1.6%

2008 Civilian Population 16+ by Employment Status

Employed Civilian Pop 16+	249,478
Unemployed Civilian Pop 16+	18,976
Employment Rate	92.9%
Unemployment Rate	7.1%

2008 Employed Civilian Population by Industry

Agriculture/Mining	0.3%
Construction	8.7%
Manufacturing	18.5%
Retail/Wholesale Trade	16.1%
Transportation/Utilities	4.1%
Information	3.0%
Finance/Insurance/Real Estate	6.4%
Professional/Technical	6.1%
Management	0.2%
Accom/Food/Other Services	10.4%
Educational Services	7.9%
Health Care/Social Assistance	10.6%
Public Administration	2.3%
Admin/Support/Waste Svcs.	4.4%
Arts/Entertainment	1.2%

2008 Educational Attainment by Degree

<9th Grade	5.4%
Some High School	11.2%
High School Graduate	28.8%
Some College	19.1%
Associate Degree	8.3%
Bachelor's Degree	18.7%
Graduate/Professional Degree	8.4%

2008 Employed Civilian Population by Occupation

Management (incl. Farm Mgr.)	9.7%
Professional	14.5%
Sales	12.5%
Office/Administrative Support	13.2%
Life/Physical/Soc. Science/Soc. Srvc.	1.7%
Entertainment/Sports	1.8%
Health Care Pract/Support	9.5%
Protective Services	1.8%
Food Preparation/Serving	4.9%
Maintenance/Installation/Repair	7.9%
Construction/Extraction Services	6.1%
Production	10.0%
Transportation/Moving	6.2%
Farming/Fishing/Forestry	0.2%

Top Businesses by Number of Employees within 20 Mile Drive Distance.

Company Name	Number of Employees
Chest Pain Ctr Of Greenville	7,500
Children'S Hospital-Greenville	7,500
Greenville Hospital System	5,200
Bmw Manufacturing Co	4,000
Ge Gas Turbines	3,500
Fluor Enterprises Inc	2,400
Orion Group	1,800
St Francis Emergency Room	1,395
Robert Bosch Corp	1,380
Lockheed Martin Corp	1,100
Verizon Wireless	1,000
Greenville-Spartanburg Intl	1,000
Fountain Inn Plant	999
Teletch Holdings	900
Michelin Americas Research	800
Palmetto Baptist Medical Ctr	700
Faurecia Interior Systems	700
Dispoz-O Products Inc	700
Columbia Farms	670
John D Hollingsworth On Wheels	650
Nutra Manufacturing Inc	600
Ikon Office Solutions Inc	600
Honeywell Aerospace	600
Baldor Dodge Reliance	570
Aimco	550
Saffron'S At Suntrust	500
Computer Training Ctr	500
Interim Healthcare	500
Magna Drive Automotive	500
Swift Transportation	475
Wal-Mart Supercenter	450
Bausch & Lomb Inc	450
Wal-Mart Supercenter	435
Associated Fuel Pump Systems	400
Mark Iv Automotive	400

Source: ESRI, 2008 Estimates and Projections, 2000 Census, 2008 InfoUSA Business Data



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20 Mile Drive Distance Map

