



SOUTH CAROLINA AIRPORTS SYSTEM PLAN

SPARTANBURG DOWNTOWN MEMORIAL - SPA
SPARTANBURG, SOUTH CAROLINA

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Photo Date 2004



Governing Body
AIRPORT ADVISORY COMMITTEE

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City **SPARTANBURG, SC 29306**
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Airport Classification - SC II



SPARTANBURG, SOUTH CAROLINA



SOUTH CAROLINA AIRPORTS SYSTEM PLAN

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 $\frac{3}{4}$ mile,
- * Runway to taxiway centerline distance shall be 300 feet,

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SPARTANBURG, SOUTH CAROLINA

Base Aircraft for 2012		Annual IFR Flight for 2012		Piston	Turbine
Single Engine	2	2,528	Single Engine	2,078	450
Multi Engines	316	1,133	Multi Engines	585	548
Helicopter	0	8	Helicopter	0	8
Jet	800	1,371	Jet		
Military	0	0	Unknown		
Base Totals	1,118	5,040	IFR Totals		

[Hyper Link to IFR details](#)

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Airport Profile

Elevation	801.00' MSL	Latitude:	34-54-56.6000N
Lighting Schedule	DUSK-DAWN	Longitude:	081-57-23.4000W
Magnetic Var	05°W		

Runway Information

ID	Length	Width	Surface	VGIS	REILS	Edge Lights	Approach Lights	Traffic Pattern
05/23	5202	100	ASPH-G	V4L/V4L	None	HIGH	MALSR/	Standard
05/23	5202	100	ASPH-G	V4L/V4L	None	HIGH	MALSR/	Standard

Gross Wheel Weight

ID	SW	DW	DTW	DDTW	Surface
05/23	45.5	67			ASPH-G
05/23	45.5	67			ASPH-G

NAVAIDS

ID	Type	FREQ	Direct/Distant
SPA	VORTAC	115.70	r194° 7.2 NM to fld
FRT	NDB	248	r65° 1.6 NM to fld

Communications

		RCO	ATIS	ATC		WEATHER	
UNICOM	CTAF	FREQ	FREQ	FREQ	ID	FREQ	PHONE
123.000	123.000			119.4	GSP	133.925	(864) 587-2529

[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
2013						
Extend Runway End 23 / Improve 5 & 23 RSA's (Design)	\$480,000	90%	\$432,000	\$150,000	\$282,000	\$24,000 5%
Totals for 2013	\$480,000	\$432,000	\$150,000	\$282,000	\$24,000	\$24,000
2014						
Extend Runway End 23 / Improve 5 & 23 RSA's (Site Work - Construction Pt. 1)	\$8,100,000	90%	\$7,290,000	\$150,000	\$7,140,000	\$405,000 5%
Totals for 2014	\$8,100,000	\$7,290,000	\$150,000	\$7,140,000	\$405,000	\$405,000
2015						
Extend Runway End 23 / Improve 5 & 23 RSA's (Construction Pt.2)	\$4,213,000	90%	\$3,791,700	\$150,000	\$3,641,700	\$210,650 5%
Totals for 2015	\$4,213,000	\$3,791,700	\$150,000	\$3,641,700	\$210,650	\$210,650
2016						
Rehabilitate Airfield Pavement (Runway 5/23 & Parallel Taxiway)	\$3,000,000	90%	\$2,700,000	\$150,000	\$2,550,000	\$150,000 5%
Runway Lighting Rehab + New PAPI's	\$350,000	90%	\$315,000	\$0	\$315,000	\$17,500 5%
Runway Lighting Rehab + New PAPI's	\$350,000	90%	\$315,000	\$0	\$315,000	\$17,500 5%
Totals for 2016	\$3,700,000	\$3,330,000	\$150,000	\$3,180,000	\$185,000	\$185,000
2017						
Twy 'B' Completion/Twy 'A' Grade Revision (Design Repackaging + Construction)	\$1,300,000	90%	\$1,170,000	\$150,000	\$1,020,000	\$65,000 5%
Twy 'B' Completion/Twy 'A' Grade Revision (Design Repackaging + Construction)	\$1,300,000	90%	\$1,170,000	\$150,000	\$1,020,000	\$65,000 5%
Totals for 2017	\$2,600,000	\$2,340,000	\$300,000	\$2,040,000	\$130,000	\$130,000
2018						
Auxiliary Apron Rehab.	\$350,000	90%	\$315,000	\$150,000	\$165,000	\$17,500 5%
New Corporate Hangar (Design)	\$80,000	90%	\$72,000	\$0	\$72,000	\$4,000 5%
New Corporate Hangar (Design)	\$80,000	90%	\$72,000	\$0	\$72,000	\$4,000 5%
Auxiliary Apron Rehab.	\$350,000	90%	\$315,000	\$150,000	\$165,000	\$17,500 5%
Totals for 2018	\$860,000	\$774,000	\$300,000	\$474,000	\$43,000	\$43,000
2019						
New Corporate Hangar (Construction)	\$950,000	90%	\$855,000	\$150,000	\$705,000	\$47,500 5%
New Corporate Hangar (Construction)	\$950,000	90%	\$855,000	\$150,000	\$705,000	\$47,500 5%
Totals for 2019	\$1,900,000	\$1,710,000	\$300,000	\$1,410,000	\$95,000	\$95,000



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Demographic and Business Profile Report

(Data provided for 20 Mile Drive Distance from Airport)

Total Population and Growth Rate

2000 Total Population	260,270
2008 Total Population	285,630
2013 Total Population	301,434
2000-2008 Annual Growth Rate	1.1%
2008-2013 Annual Growth Rate	1.1%

Per Capita Income

2000 Per Capita Income	\$18,694
2008 Per Capita Income	\$24,319
2013 Per Capita Income	\$28,058

Total Households

2000 Total Households	100,288
2008 Total Households	112,496
2013 Total Households	119,687

Median Household Income

2000 Median HH Income	\$37,562
2008 Median HH Income	\$48,550
2013 Median HH Income	\$56,414

Median Age

2000 Median Age	35.9
2008 Median Age	38.1
2013 Median Age	39.7

2008 Population by Age

Population 0 - 14	19.6%
Population 15 - 24	12.9%
Population 25 - 54	42.5%
Population 55 +	23.3%
Population 18+	76.5%
Population 85+	1.8%

2008 Civilian Population 16+ by Employment Status

Employed Civilian Pop 16+	126,267
Unemployed Civilian Pop 16+	12,205
Employment Rate	91.2%
Unemployment Rate	8.8%

2008 Employed Civilian Population by Industry

Agriculture/Mining	0.5%
Construction	8.6%
Manufacturing	22.5%
Retail/Wholesale Trade	16.0%
Transportation/Utilities	4.5%
Information	2.2%
Finance/Insurance/Real Estate	4.4%
Professional/Technical	3.6%
Management	0.3%
Accom/Food/Other Services	10.7%
Educational Services	8.1%
Health Care/Social Assistance	11.3%
Public Administration	2.4%
Admin/Support/Waste Svcs.	4.0%
Arts/Entertainment	1.0%

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

2008 Educational Attainment by Degree

<9th Grade	7.6%
Some High School	13.9%
High School Graduate	32.0%
Some College	18.2%
Associate Degree	7.8%
Bachelor's Degree	13.3%
Graduate/Professional Degree	7.2%

2008 Employed Civilian Population by Occupation

Management (incl. Farm Mgr.)	7.3%
Professional	12.2%
Sales	11.0%
Office/Administrative Support	13.7%
Life/Physical/Soc. Science/Soc. Svcs.	1.8%
Entertainment/Sports	1.3%
Health Care Pract/Support	9.6%
Protective Services	1.7%
Food Preparation/Serving	5.1%
Maintenance/Installation/Repair	8.1%
Construction/Extraction Services	6.5%
Production	13.7%
Transportation/Moving	7.9%
Farming/Fishing/Forestry	0.2%

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

Company Name	Number of Employees
Spartanburg Regional Med Ctr	5,000
Bmw Manufacturing Co	4,000
Springs Industries Inc	1,500
Michelin North America Inc	1,500
Nestle Frozen Food Co	1,500
Mary Black Memorial Hospital	1,160
Hka Enterprises Inc	1,000
Michelin Americas Truck Tires	1,000
Invista	850
Waffle House	680
R R Donnelley	680
Tietex International	650
Spartanburg Steel Prod Guard	515
Concept Packaging Group	500
Swift Transportation	475
International Wire Group	475
Bausch & Lomb Inc	450
Exopack Llc	450
Wal-Mart Supercenter	400
Sloan Construction Co	400
Mary Black Physician Group Adm	400
Inman Mills Enoree Div	350
Siemens Energy & Automation	350
Wal-Mart Supercenter	350
Allen Bennett Hospital	300
Tindall Corp	300
Ina Bearing Co Inc	300
Diversco Integrated Svc	300
Daa Draxlmaier Automotive	300
Wal-Mart Supercenter	272
Schwan'S Bakery	251
National Starch & Chemical Co	250
Manning Lynch Inc	250
Rosecrest Retirement Community	250
Mack Molding Co	240



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20 Mile Drive Distance Map

