



SOUTH CAROLINA AIRPORTS SYSTEM PLAN

COLUMBIA METROPOLITAN - CAE
COLUMBIA, SOUTH CAROLINA

Data Cycle 04/13/2012
Photo Date 2011



Governing Body
COMMISSION

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COLUMBIA METROPOLITAN - CAE
Airport Classification - SC I

COLUMBIA, SOUTH CAROLINA

State Classification I – Commercial Service (SC-I): Commercial service airports provide scheduled service by airlines and/or commuter airlines, which are certificated under FAR Part 121, but not FAR Part 135, with more than 10,000 annual passenger enplanements. The airport must comply with FAR Part 139 operational requirements. A commercial service airport should have minimum instrument approach procedure minima of 200-1/2.

All airport design standards for Commercial Service airports shall be based on FAA criteria for the specific design aircraft, or most demanding aircraft, that is being used by the commercial carrier(s) serving that airport. Each airport shall have an Airport Layout Plan approved by the SCAC and FAA. The only minimum standards that the SCAC requires is for the instrument approach to the Primary Runway shall be an ILS/RNAV (GPS) LPV with minimums no higher than 200-feet and ½ mile and shall have unobstructed approaches IAW AC 150/5300-13.



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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	8,874	46,330	22,586	2,057	79,847	11,014	1,300	12,314	92,161	56,756	67
2014	54,756	6,930	16,918	2,002	80,606	7,182	1,083	8,265	88,871	56,800	87
2019	54,756	6,930	16,918	2,002	80,606	7,512	1,133	8,645	89,251	56,800	91
2029	54,756	6,930	16,918	2,002	80,606	8,172	1,233	9,405	90,011	56,800	99

[Hyper link to Airport Operations](#)

Base Aircraft for 2011		Annual IFR Flight for 2011		Piston	Turbine	Enplanement / Deplanement for 2011	
Single Engine	37	2,209	Single Engine	0	2,209	Passenger	
Multi Engines	23	7,930	Multi Engines	2,643	5,287	Enplanement:	491,413
Helicopter	0	24	Helicopter	0	24	Deplanement:	500,442
Jet	12	32,966	Jet			Cargo (pounds)	
Military	0	10	Unknown			Enplanement:	62,044,000
Base Totals	72	43,139	IFR Totals			Deplanement:	500,442

[Hyper Link to IFR details](#)



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COLUMBIA, SOUTH CAROLINA

Airport Profile

Elevation	236.00' MSL	Latitude:	33-56-19.8000N
Lighting Schedule	DUSK-DAWN	Longitude:	081-07-10.3000W
Magnetic Var	05°W		

Runway Information

ID	Length	Width	Surface	VGIS	REILS	Edge Lights	Approach Lights	Traffic Pattern
05/23	8001	150	ASPH-CONC-	P4R/V4L	23	HIGH	MALSR/	Standard
11/29	8601	150	CONC-E	P4L/P4L	None	HIGH	ALSF2/MALSR	Standard
H1	50	50	CONC	None	None	PERI	None	Standard

Gross Wheel Weight

ID	SW	DW	DTW	DDTW	Surface
05/23	100.0	200.0	355.0	675.0	ASPH-CONC-E
11/29	72.0	225.0	409.0	700.0	CONC-E
H1					CONC

NAVAIDS

ID	Type	FREQ	Direct/Distant
CAE	VORTAC	114.70	r328° 5.9 NM to fld

Communication

Tower	GRND	CLEAR	ATIS	ATC	RCO	APP/DEP	WEATHER	
FREQ	CNTRL	DEL	FREQ	FREQ	ID	BRNG/FREQ	FREQ	PHONE
119.5	121.9	119.75	120.15	120.15	CAE	110° - 289° 124.15 290° - 109° 133.4	N/A	(803) 822-4168

[Hyperlink to airport drawing diagram](#)



SOUTH CAROLINA AIRPORTS SYSTEM PLAN

Capital Improvement Program

Project Description	Project Cost	Federal Share	Non-Primary Entitlements	Discretionary	State	Local
2009						
Runway 11-29 Rehabilitation Project	\$7,871,745 95%	\$7,478,158	\$3,115,823	\$4,362,335	\$0 0%	\$393,587 5%
Totals for 2009	\$7,871,745	\$7,478,158	\$3,115,823	\$4,362,335	\$0	\$393,587
2010						
Rehabilitation of Airport Perimeter Roads (West Side) - (including drainage improvements)	\$3,650,000 95%	\$3,467,500	\$3,115,823	\$351,677	\$0 0%	\$182,500 5%
Master Plan Update	\$700,000 95%	\$665,000	\$0	\$665,000	\$0 0%	\$35,000 5%
Totals for 2010	\$4,350,000	\$4,132,500	\$3,115,823	\$1,016,677	\$0	\$217,500
2011						
Rehabilitation of Airport Perimeter Roads (East Side) - Phase 1	\$2,500,000 95%	\$2,375,000	\$3,115,823	\$0	\$0 0%	\$125,000 5%
South Airfield Clearing & Grading Project	\$1,750,000 95%	\$1,662,500	\$0	\$921,677	\$0 0%	\$87,500 5%
Totals for 2011	\$4,250,000	\$4,037,500	\$3,115,823	\$921,677	\$0	\$212,500
2012						
East Air Freight Apron Expansion Project - Phase 1	\$4,500,000 95%	\$4,275,000	\$3,115,823	\$1,159,177	\$0 0%	\$225,000 5%
Totals for 2012	\$4,500,000	\$4,275,000	\$3,115,823	\$1,159,177	\$0	\$225,000
2013						
East Air Freight Apron Expansion Project -Phase 2	\$2,500,000 95%	\$2,375,000	\$3,115,823	\$0	\$0 0%	\$125,000 5%
EA for Runway 11 Extension	\$500,000 95%	\$475,000	\$0	\$(265,823)	\$0 0%	\$25,000 5%
Regional Storm Water Detention Pond - Phase 1	\$2,500,000 95%	\$2,375,000	\$0	\$2,375,000	\$0 0%	\$125,000 5%
Totals for 2013	\$5,500,000	\$5,225,000	\$3,115,823	\$2,109,177	\$0	\$275,000



SOUTH CAROLINA AIRPORTS SYSTEM PLAN

Demographic and Business Profile Report

(Data provided for 60 Mile Drive Distance from Airport)

Total Population and Growth Rate

2000 Total Population	1,038,512
2008 Total Population	1,137,536
2013 Total Population	1,200,788
2000-2008 Annual Growth Rate	1.1%
2008-2013 Annual Growth Rate	1.1%

Per Capita Income

2000 Per Capita Income	\$18,741
2008 Per Capita Income	\$25,053
2013 Per Capita Income	\$29,313

Total Households

2000 Total Households	391,592
2008 Total Households	442,209
2013 Total Households	472,920

Median Household Income

2000 Median HH Income	\$37,675
2008 Median HH Income	\$49,138
2013 Median HH Income	\$57,219

Median Age

2000 Median Age	34.8
2008 Median Age	36.5
2013 Median Age	37.4

2008 Population by Age

Population 0 - 14	19.5%
Population 15 - 24	15.1%
Population 25 - 54	42.1%
Population 55 +	21.7%
Population 18+	76.4%
Population 85+	1.6%

2008 Civilian Population 16+ by Employment Status

Employed Civilian Pop 16+	514,510
Unemployed Civilian Pop 16+	49,008
Employment Rate	91.3%
Unemployment Rate	8.7%

2008 Employed Civilian Population by Industry

Agriculture/Mining	1.2%
Construction	8.0%
Manufacturing	12.6%
Retail/Wholesale Trade	13.6%
Transportation/Utilities	5.2%
Information	2.3%
Finance/Insurance/Real Estate	7.0%
Professional/Technical	4.7%
Management	0.2%
Accom/Food/Other Services	9.9%
Educational Services	10.3%
Health Care/Social Assistance	12.1%
Public Administration	7.4%
Admin/Support/Waste Svcs.	4.1%
Arts/Entertainment	1.3%

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

2008 Educational Attainment by Degree

<9th Grade	5.6%
Some High School	11.2%
High School Graduate	30.3%
Some College	19.1%
Associate Degree	8.2%
Bachelor's Degree	16.9%
Graduate/Professional Degree	8.8%

2008 Employed Civilian Population by Occupation

Management (incl. Farm Mgr.)	8.4%
Professional	15.5%
Sales	11.1%
Office/Administrative Support	13.7%
Life/Physical/Soc. Science/Soc. Svcs.	2.3%
Entertainment/Sports	1.4%
Health Care Pract/Support	10.6%
Protective Services	2.8%
Food Preparation/Serving	4.7%
Maintenance/Installation/Repair	7.9%
Construction/Extraction Services	6.3%
Production	8.2%
Transportation/Moving	6.4%
Farming/Fishing/Forestry	0.5%

Top Businesses by Number of Employees within 60 Mile Drive Distance.

Company Name	Number of Employees
Computer Sciences Corp	11,000
Siemens Diesel Syst Tech Llc	8,500
Palmetto Health Richland	4,000
Baptist Medical Ctr	2,800
Lexington Medical Ctr	2,600
Women'S Imaging Ctr	2,500
Pilgrim'S Pride Corp	2,300
Michelin Tire Corp Mfg	1,500
Us Veterans Hospital	1,500
Louis Rich Co	1,478
Electrolux	1,300
Regional Medical Ctr	1,300
Amick Farms	1,200
Providence Hospital	1,200
Tuomey Healthcare System	1,200
Johnson Food Svc Llc	1,100
Santee Print Works Inc	1,099
Marine Aircraft Group 31	1,000
Aci Janitorial	1,000
Sumter County Disabilities	1,000
Aiken Regional Medical Ctr	960
Westinghouse Electric Co	950
Hospital Kershaw County Med	950
South Carolina State Hospital	930
Public Works	850
Target Distribution Ctr	850
Bonitz Of South Carolina Inc	800
International Paper Co	800
Becton Dickinson & Co	800
Invista	750
C M Tucker Jr Nursing Care Ctr	700
Eastman Chemical Co	650
Cooper Hand Tools	601
Wal-Mart Supercenter	600
Eaton Cutler-Hammer	600



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60 Mile Drive Distance Map

