



SOUTH CAROLINA AIRPORTS SYSTEM PLAN

ORANGEBURG MUNI - OGB
ORANGEBURG, SOUTH CAROLINA

Data Cycle 02/13/2018
Photo Date 2002



Governing Body
COMMISSION

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Airport Classification - SC III

ORANGEBURG, SOUTH CAROLINA

State Classification III – Business/Recreation (SC-III): Generally located in rural localities these airports serve small business and recreational aircraft. These airports do not typically serve multi-jurisdictional service areas but are generally confined to the communities in which they reside, or located near another airport whose service area is multi-jurisdictional. The SC Airports System Plan has determined that these airports should have runways that are a minimum of 3,600 feet x 75 feet with Airport reference Code (ARC) designations of B-I or B-II. The airport's economic impact to the state is within a range of \$250,000 to \$2 million as defined in the South Carolina Economic Impact of Aviation (May 2006).¹ These airports generally offer the full range of fuels and most aviation services. They have a non-precision approach and are also forecasted to have a growing population of aircraft and annual operations. A future airport profile consists of 5% to 20% of corporate and business use but a higher percentage of recreational use. The airport is not constrained by surrounding incompatible land uses or environmentally sensitive areas, and has adequate expansion capability not only for runways and taxiways but for support facilities as well. Business/Recreation airports should have approach minima of no higher than 400-1 mile.

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

- * Shall have an Airport Layout Plan approved by SCAC,
- * Runway length shall be 3,600 feet,
- * Runway width shall be 75 feet,
- * Runway strength shall be 30,000 pounds dual wheel load,
- * Runways shall have unobstructed approaches in accordance with FAA AC 150/5300-13,
- * Airport shall attempt to achieve RNAV (GPS) LNAV instrument approach minimums on the primary Runway of 400 feet and 1 mile,
- * Runway to taxiway centerline distance shall be 300 feet,
- * Runway lighting shall consist of Medium Intensity Runway Lights, 2-Box Precision Approach Path Indicator (PAPI), Runway End Identifier Lights (REILS).

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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Airport Operations and Based Aircraft Forecasts

Year	ITINERANT OPERATIONS					LOCAL OPERATIONS			Total Ops	IFR Ops	Based Aircraft
	Air Carrier	Comm Air Taxi	General Aviation	Military Ops	ITIN Totals	General Aviation	Military Ops	Local Totals			
	2009	0	170	13,000	50	13,220	9,200	0			
2014	0	193	14,780	57	15,030	11,213	0	11,213	26,243	2,400	39
2019	0	234	17,859	69	18,162	12,650	0	12,650	30,812	2,900	44
2029	0	322	24,633	95	25,050	15,238	0	15,238	40,288	4,000	53

[Hyper link to Airport Operations \(operations link N/A\)](#)

Base Aircraft for 2017		Annual IFR Flight for 2017		Piston	Turbine
Single Engine	22	0	Single Engine	0	0
Multi Engines	8	0	Multi Engines	0	0
Helicopter	0	0	Helicopter	0	0
Jet	2	0	Jet		
Military	0	0	Unknown		
Base Totals	32	0	IFR Totals		

[Hyper Link to IFR details](#)



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Airport Profile

Elevation	195.00' MSL	Latitude:	33-27-24.9041N
Lighting Schedule	SEE RMK	Longitude:	080-51-33.8640W
Magnetic Var	07°W		

Runway Information

ID	Length	Width	Surface	VGIS	REILS	Edge Lights	Approach Lights	Traffic Pattern
05/23	4508	100	ASPH-G	V4L/	05/23	MED	None	05 - RH
17/35	5399	100	ASPH-G	P2L/P2L	17/35	MED	ODALS/ODALS	Standard

Gross Wheel Weight

ID	SW	DW	DTW	DDTW	Surface
05/23	30.0	50.0			ASPH-G
17/35	30.0	72.0			ASPH-G

NAVAIDS

ID	Type	FREQ	Direct/Distant
VAN	VORTAC	110.4	r270° 20.6NM to fld

Communications

UNICOM		RCO		ATIS		ATC		WEATHER	
	CTAF	FREQ	FREQ	FREQ	ID	FREQ	PHONE		
122.700	122.700	125.675		124.15	CAE	118.525	(803) 536-3901		

[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		Discretionary	State	Local	
			Entitlements					
2017								
Crossfield Access Road for Airfield Development (Design)	\$167,000	90%	\$150,300	\$150,300	\$0	\$8,350	5%	\$8,350 5%
Totals for 2017	\$167,000		\$150,300	\$150,300	\$0	\$8,350		\$8,350
2018								
Box Hangar Development - 80'x80' Hangars (Local Funding)	\$500,000	0%	\$0	\$0	\$0	\$0	0%	\$500,000 100%
Crossfield Access Road for Airfield Development (Construction)	\$1,200,000	90%	\$1,080,000	\$482,830	\$597,170	\$60,000	5%	\$60,000 5%
Totals for 2018	\$1,700,000		\$1,080,000	\$482,830	\$597,170	\$60,000		\$560,000
2019								
New Terminal Area Auto Parking & Access Rd. (Design)	\$166,667	90%	\$150,000	\$150,000	\$0	\$8,333	5%	\$8,334 5%
New Terminal Area Apron Expansion (Design)	\$250,000	90%	\$225,000	\$0	\$225,000	\$12,500	5%	\$12,500 5%
Totals for 2019	\$416,667		\$375,000	\$150,000	\$225,000	\$20,833		\$20,834
2020								
New Terminal Area Auto Parking & Access Rd. (Construction)	\$475,000	90%	\$427,500	\$150,000	\$277,500	\$23,750	5%	\$23,750 5%
New Terminal Area Apron Expansion (Construction)	\$1,100,000	90%	\$990,000	\$0	\$990,000	\$55,000	5%	\$55,000 5%
Totals for 2020	\$1,575,000		\$1,417,500	\$150,000	\$1,267,500	\$78,750		\$78,750
2021								
New Terminal Building (Design)	\$225,000	90%	\$202,500	\$150,000	\$52,500	\$11,250	5%	\$11,250 5%
Box Hangar Development - 80'x80' Hangars (Local Funding)	\$500,000	0%	\$0	\$0	\$0	\$0	0%	\$500,000 100%
Totals for 2021	\$725,000		\$202,500	\$150,000	\$52,500	\$11,250		\$511,250
2022								
New Terminal Building (Construction)	\$1,500,000	10%	\$150,000	\$150,000	\$0	\$500,000	33.3%	\$850,000 56.6%
Airport Layout Plan Update	\$185,000	90%	\$166,500	\$0	\$166,500	\$9,250	5%	\$9,250 5%
Totals for 2022	\$1,685,000		\$316,500	\$150,000	\$166,500	\$509,250		\$859,250



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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	77,139
2008 Total Population	77,657
2013 Total Population	77,333
2000-2008 Annual Growth Rate	0.1%
2008-2013 Annual Growth Rate	-0.1%

Per Capita Income

2000 Per Capita Income	\$15,736
2008 Per Capita Income	\$20,426
2013 Per Capita Income	\$23,722

Total Households

2000 Total Households	28,574
2008 Total Households	29,505
2013 Total Households	29,754

Median Household Income

2000 Median HH Income	\$31,149
2008 Median HH Income	\$39,237
2013 Median HH Income	\$45,322

Median Age

2000 Median Age	34.8
2008 Median Age	36.4
2013 Median Age	37.6

2008 Population by Age

Population 0 - 14	19.3%
Population 15 - 24	16.7%
Population 25 - 54	38.9%
Population 55 +	23.0%
Population 18+	76.7%
Population 85+	2.1%

2008 Civilian Population 16+ by Employment Status

Employed Civilian Pop 16+	31,548
Unemployed Civilian Pop 16+	4,062
Employment Rate	88.6%
Unemployment Rate	11.4%

2008 Employed Civilian Population by Industry

Agriculture/Mining	2.1%
Construction	6.8%
Manufacturing	18.1%
Retail/Wholesale Trade	14.0%
Transportation/Utilities	4.3%
Information	1.8%
Finance/Insurance/Real Estate	4.5%
Professional/Technical	2.3%
Management	0.2%
Accom/Food/Other Services	9.2%
Educational Services	14.1%
Health Care/Social Assistance	12.7%
Public Administration	5.2%
Admin/Support/Waste Svcs.	3.7%
Arts/Entertainment	1.0%

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

2008 Educational Attainment by Degree

<9th Grade	7.1%
Some High School	14.3%
High School Graduate	32.4%
Some College	16.9%
Associate Degree	8.4%
Bachelor's Degree	12.5%
Graduate/Professional Degree	8.4%

2008 Employed Civilian Population by Occupation

Management (incl. Farm Mgr.)	6.7%
Professional	13.4%
Sales	11.5%
Office/Administrative Support	13.1%
Life/Physical/Soc. Science/Soc. Svcs.	2.2%
Entertainment/Sports	1.2%
Health Care Pract/Support	11.2%
Protective Services	1.8%
Food Preparation/Serving	4.2%
Maintenance/Installation/Repair	8.9%
Construction/Extraction Services	5.6%
Production	11.6%
Transportation/Moving	7.8%
Farming/Fishing/Forestry	0.8%

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

Company Name	Number of Employees
Electrolux	1,300
Regional Medical Ctr	1,300
Koyo Corp Of Usa	580
Zeus Industrial Products Inc	500
Wal-Mart Supercenter	465
Sara Lee Bakery Group	450
Albemarle Corp	450
Bamberg County Hospital	400
Federal-Mogul Corp	400
North American Container Corp	200
Dept Of Public Utilities	155
Okonite Co	143
Rockland Industries Inc	125
Carolina Fresh Farms	120
Family Health Ctr	120
Shaw Constructors Inc	115
Phoenix Specialty Mfg	100
Doane Products Co	100
Decolam Inc	100
Dempsey Wood Products Inc	100
Kmart	100
Oswald'S Formal Wear	100
Bi-Lo	100
Reid'S	100
Extending Hands	100
Carpenter Specialty Wire Prods	95
Cablecraft	92
Mc Call Thomas Computers	90
Piggly Wiggly	89
H T Hackney Co	86
Times & Democrat	85
Bi-Lo	85
Mayer Industries Inc	85
Zachry Construction Cope	80
Dawn Center	77



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20 Mile Drive Distance Map

