



SOUTH CAROLINA AIRPORTS SYSTEM PLAN

BEAUFORT COUNTY - ARW
BEAUFORT, SOUTH CAROLINA

Data Cycle 04/13/2012
Photo Date 2007



Governing Body
ADVISORY BOARD

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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	1,535	14,845	0	16,380	25,595	0			
2014	0	2,156	20,852	0	23,008	29,200	0	29,200	52,208	3,100	73
2019	0	2,017	19,506	0	21,523	37,200	0	37,200	58,723	2,900	93
2029	0	1,739	16,816	0	18,555	52,800	0	52,800	71,355	2,500	132

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

Base Aircraft for 2011		Annual IFR Flight for 2011		Piston	Turbine
Single Engine	27	591	Single Engine	0	591
Multi Engines	4	168	Multi Engines	91	77
Helicopter	0	2	Helicopter	0	2
Jet	0	5	Jet		
Military	0	0	Unknown		
Base Totals	31	766	IFR Totals		

[Hyper Link to IFR details](#)



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BEAUFORT, SOUTH CAROLINA

Airport Profile

Elevation	9.00' MSL	Latitude:	32-24-43.8000N
Lighting Schedule	DUSK-DAWN	Longitude:	080-38-03.6750W
Magnetic Var	07°W		

Runway Information

ID	Length	Width	Surface	VGIS	REILS	Edge Lights	Approach Lights	Traffic Pattern
07/25	3434	75	ASPH-G	P2L/P2L	25	MED	None	07 - RH

Gross Wheel Weight

ID	SW	DW	DTW	DDTW	Surface
07/25	12.5				ASPH-G

NAVAIDS

ID	Type	FREQ	Direct/Distant
SAV	VORTAC	115.95	067° 32.9 NM to fld

Communications

UNICOM		RCO	ATIS	ATC		WEATHER	
FREQ	CTAF	FREQ	FREQ	FREQ	ID	FREQ	PHONE
122.700	122.700			118.45	NBC	119.675	(843) 524-1000

[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 Overlay, Widening, and Grooving (Construction)	\$2,050,000	95%	\$1,947,500	\$150,000	\$1,797,500	\$51,250 2.5%
Runway 7 REILS	\$25,000	95%	\$23,750	\$0	\$23,750	\$625 2.5%
Rotating Beacon, Wind Cone, and Segmented Circle	\$60,000	95%	\$57,000	\$0	\$57,000	\$1,500 2.5%
Parking Lot Relocation and Utility Connection to Terminal	\$80,000	95%	\$76,000	\$0	\$76,000	\$2,000 2.5%
Wetland Mitigation	\$225,000	95%	\$213,750	\$0	\$213,750	\$5,625 2.5%
Totals for 2009	\$2,440,000		\$2,318,000	\$150,000	\$2,168,000	\$61,000
2010						
Parking Lot Relocation and Utility Connection to Terminal	\$1,080,000	95%	\$1,026,000	\$150,000	\$876,000	\$27,000 2.5%
Partial Parallel Taxiway, Apron Expansion and Heliport	\$60,000	95%	\$57,000	\$0	\$57,000	\$1,500 2.5%
Runway Extension	\$130,000	95%	\$123,500	\$0	\$123,500	\$3,250 2.5%
Totals for 2010	\$1,270,000		\$1,206,500	\$150,000	\$1,056,500	\$31,750
2011						
Partial Parallel Taxiway, Apron Expansion and Heliport	\$1,950,000	95%	\$1,852,500	\$150,000	\$1,702,500	\$48,750 2.5%
Runway Extension	\$400,000	95%	\$380,000	\$0	\$380,000	\$10,000 2.5%
Totals for 2011	\$2,350,000		\$2,232,500	\$150,000	\$2,082,500	\$58,750
2012						
Runway Extension	\$15,600,000	95%	\$14,820,000	\$150,000	\$14,670,000	\$390,000 2.5%
Terminal Expansion	\$115,000	95%	\$109,250	\$0	\$109,250	\$2,875 2.5%
Totals for 2012	\$15,715,000		\$14,929,250	\$150,000	\$14,779,250	\$392,875
2013						
Terminal Expansion	\$1,525,000	95%	\$1,448,750	\$150,000	\$1,298,750	\$38,125 2.5%
Apron Expansion/Fuel Farm Upgrade	\$125,000	95%	\$118,750	\$0	\$118,750	\$3,125 2.5%
Emergency Generator	\$40,000	95%	\$38,000	\$0	\$38,000	\$1,000 2.5%
Totals for 2013	\$1,690,000		\$1,605,500	\$150,000	\$1,455,500	\$42,250



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	56,093
2008 Total Population	63,965
2013 Total Population	72,250
2000-2008 Annual Growth Rate	1.6%
2008-2013 Annual Growth Rate	2.5%

Per Capita Income

2000 Per Capita Income	\$17,723
2008 Per Capita Income	\$23,989
2013 Per Capita Income	\$28,706

Total Households

2000 Total Households	18,640
2008 Total Households	22,326
2013 Total Households	25,726

Median Household Income

2000 Median HH Income	\$38,216
2008 Median HH Income	\$49,871
2013 Median HH Income	\$61,769

Median Age

2000 Median Age	28.1
2008 Median Age	29.6
2013 Median Age	30.6

2008 Population by Age

Population 0 - 14	21.8%
Population 15 - 24	19.9%
Population 25 - 54	39.2%
Population 55 +	17.9%
Population 18+	74.5%
Population 85+	1.2%

2008 Civilian Population 16+ by Employment Status

Employed Civilian Pop 16+	20,020
Unemployed Civilian Pop 16+	2,105
Employment Rate	90.5%
Unemployment Rate	9.5%

2008 Employed Civilian Population by Industry

Agriculture/Mining	1.1%
Construction	12.0%
Manufacturing	3.7%
Retail/Wholesale Trade	15.3%
Transportation/Utilities	3.8%
Information	2.4%
Finance/Insurance/Real Estate	6.2%
Professional/Technical	3.8%
Management	0.1%
Accom/Food/Other Services	13.2%
Educational Services	10.2%
Health Care/Social Assistance	12.4%
Public Administration	8.5%
Admin/Support/Waste Svcs.	4.6%
Arts/Entertainment	2.6%

2008 Educational Attainment by Degree

<9th Grade	4.4%
Some High School	8.3%
High School Graduate	29.1%
Some College	23.4%
Associate Degree	8.3%
Bachelor's Degree	17.1%
Graduate/Professional Degree	9.4%

2008 Employed Civilian Population by Occupation

Management (incl. Farm Mgr.)	8.1%
Professional	12.7%
Sales	12.6%
Office/Administrative Support	11.8%
Life/Physical/Soc. Science/Soc. Svcs.	1.7%
Entertainment/Sports	1.9%
Health Care Pract/Support	12.0%
Protective Services	4.4%
Food Preparation/Serving	7.3%
Maintenance/Installation/Repair	9.2%
Construction/Extraction Services	9.0%
Production	4.0%
Transportation/Moving	4.8%
Farming/Fishing/Forestry	0.6%

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

Company Name	Number of Employees
Beaufort Memorial Hospital	877
Wal-Mart Supercenter	500
Marine Corp Community Svc	385
Beaufort County Public Works	200
Grayco Inc	200
Comprehensive Health Svc Inc	185
Callawassie Island Golf Course	173
Hardeeville Water Dept	130
Publix Super Market	130
Stokes Brown Toyota	125
Parker Racor	120
Lowcountry Medical Group Llc	100
Republic Waste Svc	100
Athena Corp	100
Dataw Island Golf Mntnc	100
Rea Contracting Llc	80
Republic Services	80
Low Country Medical Group	80
Kmart	80
Bi-Lo	75
Coastal Contractors Inc	60
Bi-Lo	50
Parks Chevrolet Pontiac Buick	50
Mcas Beaufort Federal Cu	50
Stokes Honda Cars Of Beaufort	50
Food Lion	47
Lowcountry Concrete Inc	45
Butler Chrysler-Dodge-Jeep	45
Stokes Mitsubishi	42
White'S Shrimp Dock	42
Cdr Pigments & Dispersions	40
Patterson Construction	40
Coca-Cola Bottling Co Cnsltd	40
Mitchell Brothers Inc	40
Pepsi-Cola Bottling Co	35

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

