



SOUTH CAROLINA AIRPORTS SYSTEM PLAN

WILLIAMSBURG RGNL - CKI
KINGSTREE, SOUTH CAROLINA

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Governing Body
COMMISSION

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Airport Classification - SC III

KINGSTREE, 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	Comm	General	Military	ITIN	General	Military	Local			
	Carrier	Air Taxi	Aviation	Ops	Totals	Aviation	Ops	Totals			
2009	0	0	900	50	950	5,050	0	5,050	6,000	339	8
2014	0	0	903	50	953	3,900	0	3,900	4,853	340	13
2019	0	0	929	52	981	4,800	0	4,800	5,781	350	16
2029	0	0	956	53	1,009	6,300	0	6,300	7,309	360	21

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

Base Aircraft for 2011		Annual IFR Flight for 2011		Piston	Turbine
Single Engine	7	5 Single Engine		0	5
Multi Engines	3	91 Multi Engines		66	25
Helicopter	0	1 Helicopter		0	1
Jet	0	92 Jet			
Military	0	0 Unknown			
Base Totals	10	189 IFR Totals			

[Hyper Link to IFR details](#)



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Airport Profile

Elevation	67.00' MSL	Latitude:	33-43-02.0000N
Lighting Schedule	DUSK-DAWN	Longitude:	079-51-25.1000W
Magnetic Var	06°W		

Runway Information

ID	Length	Width	Surface	VGIS	REILS	Edge Lights	Approach Lights	Traffic Pattern
14/32	5000	75	ASPH-G	P2L/P2L	None	MED	None	Standard

Gross Wheel Weight

ID	SW	DW	DTW	DDTW	Surface
14/32	30.0	45.0			ASPH-G

NAVAIDS

ID	Type	FREQ	Direct/Distant
VAN	VORTAC	110.40	r070° 33 NM to fld
CKI	NDB	404	at fld

Communications

UNICOM		RCO		ATIS		ATC		WEATHER	
	CTAF	FREQ	FREQ	FREQ	ID	FREQ	PHONE		
122.700	122.700			127.4	MYR	124.775	(843) 382-3000		

[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						
DBE Plan for 2010 Construction	\$7,000 95%	\$6,650	\$150,000	\$0	\$175 2.5%	\$175 2.5%
10-Unit T-Hangar (design)	\$50,000 95%	\$47,500	\$0	\$(95,850)	\$1,250 2.5%	\$1,250 2.5%
Parallel Taxiway North (Design)	\$175,000 95%	\$166,250	\$0	\$166,250	\$4,375 2.5%	\$4,375 2.5%
Totals for 2009	\$232,000	\$220,400	\$150,000	\$70,400	\$5,800	\$5,800
2010						
DBE Plan Update for 2011 Construction	\$7,500 95%	\$7,125	\$150,000	\$0	\$188 2.5%	\$188 2.5%
10 Unit T-Hangar (Construction)	\$540,000 95%	\$513,000	\$0	\$370,125	\$13,500 2.5%	\$13,500 2.5%
Parallel Taxiway North (Construction)	\$1,725,000 95%	\$1,638,750	\$0	\$1,638,750	\$43,125 2.5%	\$43,125 2.5%
Fuel Farm Replacement (Design)	\$50,000 95%	\$47,500	\$0	\$47,500	\$1,250 2.5%	\$1,250 2.5%
Totals for 2010	\$2,322,500	\$2,206,375	\$150,000	\$2,056,375	\$58,063	\$58,063
2011						
Fuel Farm Replacement (Construction)	\$550,000 95%	\$522,500	\$150,000	\$372,500	\$13,750 2.5%	\$13,750 2.5%
Obstruction Clearing (Design)	\$35,000 95%	\$33,250	\$0	\$33,250	\$875 2.5%	\$875 2.5%
Runway Extension - 250' each end (Environmental)	\$110,000 95%	\$104,500	\$0	\$104,500	\$2,750 2.5%	\$2,750 2.5%
Totals for 2011	\$695,000	\$660,250	\$150,000	\$510,250	\$17,375	\$17,375
2012						
DBE Plan for 2013 Construction	\$7,750 95%	\$7,363	\$150,000	\$0	\$194 2.5%	\$194 2.5%
Obstruction Clearing (Construction)	\$135,000 95%	\$128,250	\$0	\$(14,387)	\$3,375 2.5%	\$3,375 2.5%
Runway Extension - 250' each end (Design)	\$150,000 95%	\$142,500	\$0	\$142,500	\$3,750 2.5%	\$3,750 2.5%
Totals for 2012	\$292,750	\$278,113	\$150,000	\$128,113	\$7,319	\$7,319
2013						
Runway Extension - 250' each end (Construction)	\$1,430,000 95%	\$1,358,500	\$150,000	\$1,208,500	\$35,750 2.5%	\$35,750 2.5%
Totals for 2013	\$1,430,000	\$1,358,500	\$150,000	\$1,208,500	\$35,750	\$35,750



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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	41,842
2008 Total Population	41,606
2013 Total Population	40,668
2000-2008 Annual Growth Rate	-0.1%
2008-2013 Annual Growth Rate	-0.5%

Per Capita Income

2000 Per Capita Income	\$13,268
2008 Per Capita Income	\$16,829
2013 Per Capita Income	\$19,455

Total Households

2000 Total Households	15,332
2008 Total Households	15,371
2013 Total Households	15,210

Median Household Income

2000 Median HH Income	\$25,589
2008 Median HH Income	\$31,912
2013 Median HH Income	\$36,771

Median Age

2000 Median Age	34.8
2008 Median Age	37.1
2013 Median Age	38.7

2008 Population by Age

Population 0 - 14	20.2%
Population 15 - 24	14.1%
Population 25 - 54	41.1%
Population 55 +	23.0%
Population 18+	75.6%
Population 85+	1.7%

2008 Civilian Population 16+ by Employment Status

Employed Civilian Pop 16+	15,193
Unemployed Civilian Pop 16+	2,696
Employment Rate	84.9%
Unemployment Rate	15.1%

2008 Employed Civilian Population by Industry

Agriculture/Mining	2.4%
Construction	9.6%
Manufacturing	18.4%
Retail/Wholesale Trade	12.9%
Transportation/Utilities	3.9%
Information	1.7%
Finance/Insurance/Real Estate	5.1%
Professional/Technical	1.1%
Management	0.2%
Accom/Food/Other Services	13.3%
Educational Services	10.3%
Health Care/Social Assistance	11.9%
Public Administration	5.2%
Admin/Support/Waste Svcs.	3.5%
Arts/Entertainment	0.6%

2008 Educational Attainment by Degree

<9th Grade	10.4%
Some High School	19.5%
High School Graduate	35.9%
Some College	14.6%
Associate Degree	5.6%
Bachelor's Degree	9.9%
Graduate/Professional Degree	4.1%

2008 Employed Civilian Population by Occupation

Management (incl. Farm Mgr.)	6.1%
Professional	10.3%
Sales	10.1%
Office/Administrative Support	9.6%
Life/Physical/Soc. Science/Soc. Svcs.	2.7%
Entertainment/Sports	0.6%
Health Care Pract/Support	10.1%
Protective Services	2.7%
Food Preparation/Serving	4.6%
Maintenance/Installation/Repair	12.7%
Construction/Extraction Services	8.2%
Production	13.4%
Transportation/Moving	8.1%
Farming/Fishing/Forestry	0.8%

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

Company Name	Number of Employees
Nan Ya Plastics	901
Nan Ya Plastics	800
Ftc Inet	360
Ftc Diversified Svc	360
Farmers Telephone Cooperative	300
Lake City Community Hospitals	300
W Lee Flowers & Co Wholesale	203
James Donald Co Inc	200
Williamsburg Regional Hospital	200
Young Pecan Co	200
Milliken & Co-Kingstree Plant	150
Mas Tec Inc	140
Santee Electric Coop Inc	140
Wal-Mart	140
South Carolina Prestress Corp	100
Palmetto Synthetics Llc	100
Martek Biosciences Corp	90
Winyah Nursing Svc Inc	90
Wise Co	80
Lake City Iga Food Store	80
Iga	79
Mc Faddin & Gamble Farms	75
Kingstree Jr High Ccc Lab	70
Lane Manufacturing	69
Bi-Lo	67
Gse Lining Technology Inc	65
Southern Impressions Inc	60
Turbeville Iga	60
Piggly Wiggly	60
Bi-Lo	58
Welch'S Quality Home Builders	50
Food Lion	50
Kingstree Iga Store	50
Williamsburg County Disability	49
Lexington Furniture Industries	46

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

