



SOUTH CAROLINA AIRPORTS SYSTEM PLAN

ROCK HILL/YORK CO/BRYANT FIELD - UZA
ROCK HILL, SOUTH CAROLINA

Data Cycle 02/13/2018
Photo Date 2008



Governing Body
COMMISSION

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Airport Classification - SC II

ROCK HILL, SOUTH CAROLINA

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 ¾ mile,
- * Runway to taxiway centerline distance shall be 300 feet,

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	400	12,500	100	13,000	29,500	0	29,500	42,500	5,096	126
2014	0	636	19,869	159	20,664	29,266	0	29,266	49,930	8,100	125
2019	0	722	22,567	181	23,470	30,905	0	30,905	54,375	9,200	132
2029	0	895	27,963	224	29,082	33,948	0	33,948	63,030	11,400	145

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

Base Aircraft for 2017		Annual IFR Flight for 2017		Piston	Turbine
Single Engine	111	0	Single Engine	0	0
Multi Engines	13	0	Multi Engines	0	0
Helicopter	0	0	Helicopter	0	0
Jet	4	0	Jet		
Military	0	0	Unknown		
Base Totals	128	0	IFR Totals		

[Hyper Link to IFR details](#)



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ROCK HILL, SOUTH CAROLINA

Airport Profile

Elevation	666.00' MSL	Latitude:	34-59-16.2000N
Lighting Schedule	SEE RMK	Longitude:	081-03-25.8000W
Magnetic Var	08°W		

Runway Information

ID	Length	Width	Surface	VGIS	REILS	Edge Lights	Approach Lights	Traffic Pattern
02/20	5500	100	ASPH-G	P2L/P2L	None	MED	MALSR/	Standard

Gross Wheel Weight

ID	SW	DW	DTW	DDTW	Surface
02/20	78.0	104.0			ASPH-G

NAVAIDS

ID	Type	FREQ	Direct/Distant
CLT	VORTAC	115.00	r208° 13.2 NM to fld

Communications

UNICOM		RCO		ATIS		ATC		WEATHER	
	CTAF	FREQ	FREQ	FREQ	ID	FREQ	PHONE		
123.050	123.050	126.850		120.05	CLT	120.775	(803) 981-9388		

[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
2018						
Terminal Expansion - Phase 1	\$360,000 41.6%	\$150,000	\$150,000	\$0	\$105,000 29.1%	\$105,000 29.1%
Totals for 2018	\$360,000	\$150,000	\$150,000	\$0	\$105,000	\$105,000
2019						
Environmental Assessment for Runway Extension	\$250,000 90%	\$225,000	\$150,000	\$75,000	\$12,500 5%	\$12,500 5%
Land Acquisition (Associated with Roadway Relocation for Runway)	\$90,000 90%	\$81,000	\$0	\$81,000	\$4,500 5%	\$4,500 5%
Totals for 2019	\$340,000	\$306,000	\$150,000	\$156,000	\$17,000	\$17,000
2020						
1,055' Runway Extension - Phase 1 Grading and Drainage (Design)	\$410,000 90%	\$369,000	\$150,000	\$219,000	\$20,500 5%	\$20,500 5%
Homestead Road Relocation	\$1,558,875 60%	\$935,325	\$0	\$935,325	\$311,775 20%	\$311,775 20%
Totals for 2020	\$1,968,875	\$1,304,325	\$150,000	\$1,154,325	\$332,275	\$332,275
2021						
1,055' Runway Extension - Phase 1 Grading and Drainage (Construction)	\$9,693,900 90%	\$8,724,510	\$150,000	\$8,574,510	\$484,695 5%	\$484,695 5%
1,055' Runway Extension - Phase 2 Paving and Lighting (Design)	\$185,000 90%	\$166,500	\$0	\$166,500	\$9,250 5%	\$9,250 5%
Totals for 2021	\$9,878,900	\$8,891,010	\$150,000	\$8,741,010	\$493,945	\$493,945
2022						
1,055' Runway Extension - Phase 2 Paving and Lighting (Construction)	\$2,766,880 90%	\$2,490,192	\$150,000	\$2,340,192	\$138,344 5%	\$138,344 5%
Totals for 2022	\$2,766,880	\$2,490,192	\$150,000	\$2,340,192	\$138,344	\$138,344



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	251,392
2008 Total Population	350,375
2013 Total Population	418,610
2000-2008 Annual Growth Rate	4.1%
2008-2013 Annual Growth Rate	3.6%

Per Capita Income

2000 Per Capita Income	\$23,779
2008 Per Capita Income	\$33,234
2013 Per Capita Income	\$41,121

Total Households

2000 Total Households	95,282
2008 Total Households	134,980
2013 Total Households	162,094

Median Household Income

2000 Median HH Income	\$49,425
2008 Median HH Income	\$66,356
2013 Median HH Income	\$76,086

Median Age

2000 Median Age	34.0
2008 Median Age	36.0
2013 Median Age	36.5

2008 Population by Age

Population 0 - 14	21.6%
Population 15 - 24	13.2%
Population 25 - 54	45.7%
Population 55 +	18.5%
Population 18+	74.1%
Population 85+	1.1%

2008 Civilian Population 16+ by Employment Status

Employed Civilian Pop 16+	166,105
Unemployed Civilian Pop 16+	11,357
Employment Rate	93.6%
Unemployment Rate	6.4%

2008 Employed Civilian Population by Industry

Agriculture/Mining	0.4%
Construction	8.1%
Manufacturing	13.5%
Retail/Wholesale Trade	16.9%
Transportation/Utilities	5.6%
Information	2.9%
Finance/Insurance/Real Estate	9.9%
Professional/Technical	6.5%
Management	0.2%
Accom/Food/Other Services	9.9%
Educational Services	7.6%
Health Care/Social Assistance	9.7%
Public Administration	2.4%
Admin/Support/Waste Svcs.	4.3%
Arts/Entertainment	1.9%

2008 Educational Attainment by Degree

<9th Grade	4.3%
Some High School	9.2%
High School Graduate	25.1%
Some College	20.7%
Associate Degree	8.5%
Bachelor's Degree	23.0%
Graduate/Professional Degree	9.2%

2008 Employed Civilian Population by Occupation

Management (incl. Farm Mgr.)	11.2%
Professional	16.6%
Sales	13.0%
Office/Administrative Support	13.8%
Life/Physical/Soc. Science/Soc. Svcs.	1.9%
Entertainment/Sports	1.8%
Health Care Pract/Support	8.6%
Protective Services	1.7%
Food Preparation/Serving	4.7%
Maintenance/Installation/Repair	6.9%
Construction/Extraction Services	5.9%
Production	7.2%
Transportation/Moving	6.4%
Farming/Fishing/Forestry	0.2%

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

Company Name	Number of Employees
Weyerhaeuser	5,000
Paladium Amphitheatre	3,000
Microsoft Corp	2,000
Carowinds Theme Pk	2,000
Piedmont Medical Ctr	1,371
Bowater Coated & Specialty Div	1,100
Tj Maxx Distribution Ctr	1,050
Schaeffler Group Usa	1,000
Black & Decker	900
Siemens Power Generation	799
Axa Advisors	700
Weyerhaeuser Co	700
Frito-Lay Inc	630
Cardinal Health	600
York Technical College	501
Carolinas Medical Ctr	500
Performance Friction Corp	500
Tyco Electronics	500
Dillard'S	455
Okuma America Corp	450
Wal-Mart Supercenter	420
Golf Club	400
Stacy'S Inc	400
Grinnell Fire Protection	399
D R Horton America'S Builder	350
Pharr Yarns Inc-Clover Div	350
Prologix East	350
Champion Laboratories Inc	350
Dixie Lawn Svc Inc	300
Adesa Charlotte	300
General Dynamics Armament Tech	300
Keystone Builders	300
Cadmus Specialty Packaging	300
Celgard	300
Target	300

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

