



SOUTH CAROLINA AIRPORTS SYSTEM PLAN

LEXINGTON COUNTY AT PELION - 6J0
PELION, SOUTH CAROLINA

Data Cycle 06/21/2013
Photo Date 2007



Governing Body
CO. OF LEXINGTON

Manager JIM STARLING
Address 440 BALL PARK ROAD
City LEXINGTON, SC 29072
Phone 803-785-8204
E-mail
Owner LEXINGTON COUNTY
Address 212 SOUTH LAKE DRIVE
City LEXINGTON, SC 29072
Phone 803-785-8100





SOUTH CAROLINA AIRPORTS SYSTEM PLAN

Governing Body
CO. OF LEXINGTON

Manager JIM STARLING
Address 440 BALL PARK ROAD
City LEXINGTON, SC 29072
Phone 803-785-8204
E-mail
Owner LEXINGTON COUNTY
Address 212 SOUTH LAKE DRIVE
City LEXINGTON, SC 29072
Phone 803-785-8100

LEXINGTON COUNTY AT PELION - 6J0
Airport Classification - SC IV



PELION, SOUTH CAROLINA



SOUTH CAROLINA AIRPORTS SYSTEM PLAN

State Classification IV – Recreation/Local Service (SC-IV): Recreation/Local Service airports typically demonstrate low activity and are forecasted to remain fairly level. They provide very limited airport facilities and services, and may have safety or development constraints that limit their need as well as their ability to expand. Runway lengths are typically less than 3,600 feet x 60 feet in width with Airport Reference Code (ARC) designations of A-I or B-I. Constraints may take the form of severe topography, airspace conflicts, environmental or land use obstacles, or other Corporate or Business Airports that provide competing facilities and aeronautical services. Recreation/Local Service airports should not be designed to support instrument approach procedures except in specific instances where there is a need for emergency response in an area that is geographically isolated. Recreational/Local Service Airports should be designed to meet only the Minimum Design Standards as set forth by the South Carolina Aeronautics Commission in their Rules and Regulations as mandated by Section 55-5-70, Duties and Powers of the South Carolina Code of laws.

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

- * Shall have an Airport Layout Plan approved by SCAC,
- * Minimum runway length (paved or turf) shall be 2,000 feet with 200 feet of graded overrun on each end,
- * Instrument Runways shall have unobstructed approaches in accordance with FAA AC 150/5300-13
- * Primary Surface shall be 200 feet in width and 2,400 in length,
- * Visual Runway Protection Zones shall be 200' x 1,000' x 400' with a slope of 15:1,
- * Transition surface shall begin at the edge of the primary surface and extend outward and upward at a slope of 5 to 1,
- * Runway width shall be 60 feet,
- * Runway strength shall be 12,500 pounds wheel load,
- * Airport shall not be approved for an instrument approach procedure unless it is required to support public safety or emergency services,
- * Runway lighting shall consist of Low Intensity Runway Lights.

State Classification IV – Recreation/Local Service (SC-IV): Recreation/Local Service airports typically demonstrate low activity and are forecasted to remain fairly level. They provide very limited airport facilities and services, and may have safety or development constraints that limit their need as well as their ability to expand. Runway lengths are typically less than 3,600 feet x 60 feet in width with Airport Reference Code (ARC) designations of A-I or B-I. Constraints may take the form of severe topography, airspace conflicts, environmental or land use obstacles, or other Corporate or Business Airports that provide competing facilities and aeronautical services. Recreation/Local Service airports should not be designed to support instrument approach procedures except in specific instances where there is a need for emergency response in an area that is geographically isolated. Recreational/Local Service Airports should be designed to meet only the Minimum Design Standards as set forth by the South Carolina Aeronautics Commission in their Rules and Regulations as mandated by Section 55-5-70, Duties and Powers of the South Carolina Code of laws.

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

- * Shall have an Airport Layout Plan approved by SCAC,
- * Minimum runway length (paved or turf) shall be 2,000 feet with 200 feet of graded overrun on each end,
- * Instrument Runways shall have unobstructed approaches in accordance with FAA AC 150/5300-13
- * Primary Surface shall be 200 feet in width and 2,400 in length,
- * Visual Runway Protection Zones shall be 200' x 1,000' x 400' with a slope of 15:1,
- * Transition surface shall begin at the edge of the primary surface and extend outward and upward at a slope of 5 to 1,
- * Runway width shall be 60 feet,
- * Runway strength shall be 12,500 pounds wheel load,
- * Airport shall not be approved for an instrument approach procedure unless it is required to support public safety or emergency services,
- * Runway lighting shall consist of Low Intensity Runway Lights.



SOUTH CAROLINA AIRPORTS SYSTEM PLAN

State Classification IV – Recreation/Local Service (SC-IV): Recreation/Local Service airports typically demonstrate low activity and are forecasted to remain fairly level. They provide very limited airport facilities and services, and may have safety or development constraints that limit their need as well as their ability to expand. Runway lengths are typically less than 3,600 feet x 60 feet in width with Airport Reference Code (ARC) designations of A-I or B-I. Constraints may take the form of severe topography, airspace conflicts, environmental or land use obstacles, or other Corporate or Business Airports that provide competing facilities and aeronautical services. Recreation/Local Service airports should not be designed to support instrument approach procedures except in specific instances where there is a need for emergency response in an area that is geographically isolated. Recreational/Local Service Airports should be designed to meet only the Minimum Design Standards as set forth by the South Carolina Aeronautics Commission in their Rules and Regulations as mandated by Section 55-5-70, Duties and Powers of the South Carolina Code of laws.

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

- * Shall have an Airport Layout Plan approved by SCAC,
- * Minimum runway length (paved or turf) shall be 2,000 feet with 200 feet of graded overrun on each end,
- * Instrument Runways shall have unobstructed approaches in accordance with FAA AC 150/5300-13
- * Primary Surface shall be 200 feet in width and 2,400 in length,
- * Visual Runway Protection Zones shall be 200' x 1,000' x 400' with a slope of 15:1,
- * Transition surface shall begin at the edge of the primary surface and extend outward and upward at a slope of 5 to 1,
- * Runway width shall be 60 feet,
- * Runway strength shall be 12,500 pounds wheel load,
- * Airport shall not be approved for an instrument approach procedure unless it is required to support public safety or emergency services,
- * Runway lighting shall consist of Low Intensity Runway Lights.

State Classification IV – Recreation/Local Service (SC-IV): Recreation/Local Service airports typically demonstrate low activity and are forecasted to remain fairly level. They provide very limited airport facilities and services, and may have safety or development constraints that limit their need as well as their ability to expand. Runway lengths are typically less than 3,600 feet x 60 feet in width with Airport Reference Code (ARC) designations of A-I or B-I. Constraints may take the form of severe topography, airspace conflicts, environmental or land use obstacles, or other Corporate or Business Airports that provide competing facilities and aeronautical services. Recreation/Local Service airports should not be designed to support instrument approach procedures except in specific instances where there is a need for emergency response in an area that is geographically isolated. Recreational/Local Service Airports should be designed to meet only the Minimum Design Standards as set forth by the South Carolina Aeronautics Commission in their Rules and Regulations as mandated by Section 55-5-70, Duties and Powers of the South Carolina Code of laws.

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

- * Shall have an Airport Layout Plan approved by SCAC,
- * Minimum runway length (paved or turf) shall be 2,000 feet with 200 feet of graded overrun on each end,
- * Instrument Runways shall have unobstructed approaches in accordance with FAA AC 150/5300-13
- * Primary Surface shall be 200 feet in width and 2,400 in length,
- * Visual Runway Protection Zones shall be 200' x 1,000' x 400' with a slope of 15:1,
- * Transition surface shall begin at the edge of the primary surface and extend outward and upward at a slope of 5 to 1,
- * Runway width shall be 60 feet,
- * Runway strength shall be 12,500 pounds wheel load,
- * Airport shall not be approved for an instrument approach procedure unless it is required to support public safety or emergency services,
- * Runway lighting shall consist of Low Intensity Runway Lights.



SOUTH CAROLINA AIRPORTS SYSTEM PLAN

LEXINGTON COUNTY AT PELION - 6J0

PELION, SOUTH CAROLINA

Base Aircraft for 2012		Annual IFR Flight for 2012		Piston	Turbine
Single Engine	0	92 Single Engine		92	0
Multi Engines	345	15 Multi Engines		14	1
Helicopter	0	0 Helicopter		0	0
Jet	600	0 Jet			
Military	0	1 Unknown			
Base Totals	945	108 IFR Totals			

[Hyper Link to IFR details](#)

Single Engine	0	92 Single Engine		92	0
Multi Engines	345	15 Multi Engines		14	1
Helicopter	0	0 Helicopter		0	0
Jet	600	0 Jet			
Military	0	1 Unknown			
Base Totals	945	108 IFR Totals			

[Hyper Link to IFR details](#)



SOUTH CAROLINA AIRPORTS SYSTEM PLAN

LEXINGTON COUNTY AT PELION - 6J0

PELION, SOUTH CAROLINA

Airport Profile

Elevation	452.00' MSL	Latitude:	33-47-40.7000N
Lighting Schedule	DUSK-DAWN	Longitude:	081-14-45.1000W
Magnetic Var	07°W		

Runway Information

ID	Length	Width	Surface	VGIS	REILS	Edge Lights	Approach Lights	Traffic Pattern
18/36	4335	60	ASPH-F	/P2R	None	MED	None	Standard
18/36	4335	60	ASPH-F	/P2R	None	MED	None	Standard

Gross Wheel Weight

ID	SW	DW	DTW	DDTW	Surface
18/36	12.5				ASPH-F
18/36	12.5				ASPH-F

NAVAIDS

ID	Type	FREQ	Direct/Distant
CAE	VORTAC	114.70	r251° 10.3 NM to fld

Communications

		RCO	ATIS	ATC		WEATHER	
UNICOM	CTAF	FREQ	FREQ	FREQ	ID	FREQ	PHONE
123.000	122.800			124.15	CAE		

[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	
2012									
CarryOverFunds \$150,000	\$150,000	100%	\$150,000	\$150,000	\$0	\$0	0%	\$0	0%
Totals for 2012	\$150,000		\$150,000	\$150,000	\$0	\$0		\$0	
2013									
T-Hangar Construction	\$560,000	53.5%	\$300,000	\$300,000	\$0	\$8,000	1.4%	\$252,000	45%
Property Acquisition (+/- 42 acres)	\$63,409	90%	\$57,068	\$0	\$57,068	\$0	0%	\$6,341	10%
Fence Relocation (+/- 6,850 LF)	\$137,000	90%	\$123,300	\$0	\$123,300	\$6,850	5%	\$6,850	5%
On Airport Tree Removal (+/- 66 acres - no grubbing)	\$218,000	90%	\$196,200	\$0	\$196,200	\$10,900	5%	\$10,900	5%
Totals for 2013	\$978,409		\$676,568	\$300,000	\$376,568	\$25,750		\$276,091	
2014									
T-Hangar Construction (First Reimbursement)	\$0	0%	\$150,000	\$150,000	\$0	\$0	0%	\$(150,000)	0%
Totals for 2014	\$0		\$150,000	\$150,000	\$0	\$0		\$(150,000)	
2015									
Runway Widening/Strengthen/RSA Improv - Design Only	\$175,000	90%	\$157,500	\$150,000	\$7,500	\$8,750	5%	\$8,750	5%
Runway Widening/Strengthen/RSA Improv - Bidding & Construction	\$3,000,000	90%	\$2,700,000	\$0	\$2,700,000	\$150,000	5%	\$150,000	5%
Totals for 2015	\$3,175,000		\$2,857,500	\$150,000	\$2,707,500	\$158,750		\$158,750	
2016									
CarryOverFunds \$96,000	\$96,000	100%	\$96,000	\$96,000	\$0	\$0	0%	\$0	0%
T-Hangar Construction (Last Reimbursement)	\$0	0%	\$54,000	\$54,000	\$0	\$0	0%	\$(54,000)	0%
Totals for 2016	\$96,000		\$150,000	\$150,000	\$0	\$0		\$(54,000)	
2017									
Acquire Avigation Easements for Exist. & Ult. RPZ on Runway 36 End ((+ 5.59 Acres)	\$28,354	90%	\$25,519	\$25,519	\$0	\$0	0%	\$2,835	10%
CarryOverFunds \$220,481	\$220,481	100%	\$220,481	\$220,481	\$0	\$0	0%	\$0	0%
Acquire Avigation Easements for Exist. & Ult. RPZ on Runway 36 End ((+ 5.59 Acres)	\$28,354	90%	\$25,519	\$25,519	\$0	\$0	0%	\$2,835	10%
Totals for 2017	\$277,189		\$271,519	\$271,519	\$0	\$0		\$5,670	
2018									
Runway Enbd Identifier Lighting (REIL) - Design, Bid, Construct	\$100,000	90%	\$90,000	\$90,000	\$0	\$5,000	5%	\$5,000	5%
CarryOverFunds \$280,481	\$280,481	100%	\$280,481	\$280,481	\$0	\$0	0%	\$0	0%
Runway Enbd Identifier Lighting (REIL) - Design, Bid, Construct	\$100,000	90%	\$90,000	\$90,000	\$0	\$5,000	5%	\$5,000	5%
Totals for 2018	\$480,481		\$460,481	\$460,481	\$0	\$10,000		\$10,000	



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	155,541
2008 Total Population	180,538
2013 Total Population	196,534
2000-2008 Annual Growth Rate	1.8%
2008-2013 Annual Growth Rate	1.7%

Per Capita Income

2000 Per Capita Income	\$18,132
2008 Per Capita Income	\$24,936
2013 Per Capita Income	\$29,105

Total Households

2000 Total Households	59,271
2008 Total Households	70,622
2013 Total Households	77,634

Median Household Income

2000 Median HH Income	\$39,409
2008 Median HH Income	\$52,414
2013 Median HH Income	\$61,634

Median Age

2000 Median Age	34.4
2008 Median Age	36.1
2013 Median Age	36.9

2008 Population by Age

Population 0 - 14	21.1%
Population 15 - 24	13.4%
Population 25 - 54	44.6%
Population 55 +	19.7%
Population 18+	74.8%
Population 85+	1.2%

2008 Civilian Population 16+ by Employment Status

Employed Civilian Pop 16+	89,539
Unemployed Civilian Pop 16+	6,644
Employment Rate	93.1%
Unemployment Rate	6.9%

2008 Employed Civilian Population by Industry

Agriculture/Mining	0.9%
Construction	11.8%
Manufacturing	10.3%
Retail/Wholesale Trade	15.0%
Transportation/Utilities	6.3%
Information	2.4%
Finance/Insurance/Real Estate	7.6%
Professional/Technical	4.8%
Management	0.3%
Accom/Food/Other Services	10.3%
Educational Services	7.7%
Health Care/Social Assistance	10.5%
Public Administration	6.9%
Admin/Support/Waste Svcs.	4.3%
Arts/Entertainment	0.9%

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

2008 Educational Attainment by Degree

<9th Grade	5.2%
Some High School	11.6%
High School Graduate	35.0%
Some College	20.2%
Associate Degree	8.7%
Bachelor's Degree	13.7%
Graduate/Professional Degree	5.5%

2008 Employed Civilian Population by Occupation

Management (incl. Farm Mgr.)	8.5%
Professional	13.3%
Sales	11.5%
Office/Administrative Support	15.7%
Life/Physical/Soc. Science/Soc. Svcs.	1.7%
Entertainment/Sports	1.2%
Health Care Pract/Support	9.3%
Protective Services	2.6%
Food Preparation/Serving	4.7%
Maintenance/Installation/Repair	8.4%
Construction/Extraction Services	9.1%
Production	6.4%
Transportation/Moving	7.3%
Farming/Fishing/Forestry	0.3%

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

Company Name	Number of Employees
Michelin Tire Corp Mfg	1,500
Aci Janitorial	1,000
Eastman Chemical Co	650
Wal-Mart Supercenter	600
Wal-Mart Supercenter	479
Eagle Aviation	453
Carolina Culinary Foods Llp	400
Columbia Farms	400
Solectron South Carolina Corp	350
Lexington Medical Alzheimer	337
Cmc Steel	301
Prysmian Cables & Systems	300
Hansen International	250
Nucor Building Systems	240
Holland Employment	219
J B Martin	200
Temple-Inland	200
Otis Spunkmeyer Inc	200
Med Express	200
Agape Senior Community	200
Lowe'S	200
Cmc Joist & Deck	200
Lowe'S	180
Time Warner Cable	175
Filtrona Extrusion-Columbia	150
Container Co Of Carolina	150
Alabama Carriers Inc	150
Love Gm Parts Ctr	150
Love Chevrolet Co	150
Zeus Industrial Products Inc	150
Harland Clarke	140
House Of Raeford Farms	140
Mid-Carolina Electric Co-Op	136
Three Rivers Rsdntl-Midlands	125
Rea Contracting Llc	125



SOUTH CAROLINA AIRPORTS SYSTEM PLAN

20 Mile Drive Distance Map

