



# SOUTH CAROLINA AIRPORTS SYSTEM PLAN

CHERAW MUNI/LYNCH BELLINGER FIELD - CQW  
CHERAW, SOUTH CAROLINA

Data Cycle 02/13/2018  
Photo Date 2008



Governing Body  
COMMISSION

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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).<sup>1</sup> 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).

<sup>1</sup> 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	0	6,500	200	6,700	11,200	0			
2014	0	0	6,747	208	6,955	8,400	0	8,400	15,355	300	28
2019	0	0	6,747	208	6,955	8,700	0	8,700	15,655	300	29
2029	0	0	6,747	208	6,955	9,300	0	9,300	16,255	300	31
2009	0	0	2,400	0	2,400	6,000	0	6,000	8,400	115	31
2014	0	0	2,504	0	2,504	6,387	0	6,387	8,891	120	33
2019	0	0	2,504	0	2,504	6,774	0	6,774	9,278	120	35
2029	0	0	2,504	0	2,504	7,936	0	7,936	10,440	120	41

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

Base Aircraft for 2017		Annual IFR Flight for 2017		Piston	Turbine
Single Engine	14	0 Single Engine		0	0
Multi Engines	0	0 Multi Engines		0	0
Helicopter	0	0 Helicopter		0	0
Jet	0	0 Jet			
Military	0	0 Unknown			
<b>Base Totals</b>	<b>14</b>	<b>0 IFR Totals</b>			

[Hyper Link to IFR details](#)



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## Airport Profile

Elevation	239.00' MSL	Latitude:	34-42-46.3000N
Lighting Schedule	SEE RMK	Longitude:	079-57-25.2000W
Magnetic Var	08°W		

## Runway Information

ID	Length	Width	Surface	VGIS	REILS	Edge Lights	Approach Lights	Traffic Pattern
08/26	5000	75	ASPH-F	P2L/P2L	08/26	MED	None	Standard

## Gross Wheel Weight

ID	SW	DW	DTW	DDTW	Surface
08/26	30.0	48.0			ASPH-F

## NAVAIDS

ID	Type	FREQ	Direct/Distant
CTF	VOR/DME	108.20	r080° 16.2 NM to fld

## Communications

UNICOM		RCO	ATIS	ATC		WEATHER	
	CTAF	FREQ	FREQ	FREQ	ID	FREQ	PHONE
122.800	122.800			118.6	FLO	124.825	(843) 537-3301

[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
<b>2016</b>						
REIL Rehabilitation	\$45,000 90%	\$40,500	\$40,500	\$0	\$2,250 5%	\$2,250 5%
Totals for 2016	\$45,000	\$40,500	\$40,500	\$0	\$2,250	\$2,250
<b>2017</b>						
Obstruction Removal (Design)	\$82,000 90%	\$73,800	\$73,800	\$0	\$4,100 5%	\$4,100 5%
Easement Acquisition - Phase 1 (Runway 26)	\$165,000 90%	\$148,500	\$36,930	\$111,570	\$8,250 5%	\$8,250 5%
Runway Rehabilitation (Design)	\$165,300 90%	\$148,770	\$148,770	\$0	\$8,265 5%	\$8,265 5%
Totals for 2017	\$412,300	\$371,070	\$259,500	\$111,570	\$20,615	\$20,615
<b>2018</b>						
Obstruction Removal - Phase 1 (Construction) (Runway 26)	\$501,000 90%	\$450,900	\$150,000	\$300,900	\$25,050 5%	\$25,050 5%
Easement Acquisition - Phase 2 (Runway 08)	\$615,000 90%	\$553,500	\$0	\$553,500	\$30,750 5%	\$30,750 5%
Totals for 2018	\$1,116,000	\$1,004,400	\$150,000	\$854,400	\$55,800	\$55,800
<b>2019</b>						
Obstruction Removal - Phase 2 (Construction) (Runway 08)	\$1,055,700 90%	\$950,130	\$150,000	\$800,130	\$52,785 5%	\$52,785 5%
Totals for 2019	\$1,055,700	\$950,130	\$150,000	\$800,130	\$52,785	\$52,785
<b>2020</b>						
Runway Rehabilitation (Construction)	\$2,478,900 90%	\$2,231,010	\$150,000	\$2,081,010	\$123,945 5%	\$123,945 5%
Totals for 2020	\$2,478,900	\$2,231,010	\$150,000	\$2,081,010	\$123,945	\$123,945
<b>2021</b>						
South Apron (Design)	\$85,000 90%	\$76,500	\$76,500	\$0	\$4,250 5%	\$4,250 5%
Totals for 2021	\$85,000	\$76,500	\$76,500	\$0	\$4,250	\$4,250
<b>2022</b>						
South Apron (Construction)	\$1,265,900 90%	\$1,139,310	\$223,500	\$915,810	\$63,295 5%	\$63,295 5%
Totals for 2022	\$1,265,900	\$1,139,310	\$223,500	\$915,810	\$63,295	\$63,295



# 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	40,024
2008 Total Population	42,375
2013 Total Population	42,522
2000-2008 Annual Growth Rate	0.7%
2008-2013 Annual Growth Rate	0.1%

### Per Capita Income

2000 Per Capita Income	\$14,037
2008 Per Capita Income	\$17,863
2013 Per Capita Income	\$20,453

### Total Households

2000 Total Households	15,051
2008 Total Households	15,878
2013 Total Households	16,142

### Median Household Income

2000 Median HH Income	\$29,765
2008 Median HH Income	\$36,993
2013 Median HH Income	\$42,452

### Median Age

2000 Median Age	36.0
2008 Median Age	37.6
2013 Median Age	39.0

### 2008 Population by Age

Population 0 - 14	18.5%
Population 15 - 24	13.3%
Population 25 - 54	44.0%
Population 55 +	22.7%
Population 18+	77.4%
Population 85+	1.4%

### 2008 Civilian Population 16+ by Employment Status

Employed Civilian Pop 16+	15,865
Unemployed Civilian Pop 16+	2,313
Employment Rate	87.3%
Unemployment Rate	12.7%

### 2008 Employed Civilian Population by Industry

Agriculture/Mining	2.1%
Construction	6.6%
Manufacturing	30.5%
Retail/Wholesale Trade	13.9%
Transportation/Utilities	4.7%
Information	1.1%
Finance/Insurance/Real Estate	3.6%
Professional/Technical	1.5%
Management	0.0%
Accom/Food/Other Services	8.5%
Educational Services	8.4%
Health Care/Social Assistance	10.9%
Public Administration	4.6%
Admin/Support/Waste Svcs.	2.9%
Arts/Entertainment	0.9%

### 2008 Educational Attainment by Degree

<9th Grade	9.7%
Some High School	18.1%
High School Graduate	38.2%
Some College	15.7%
Associate Degree	7.5%
Bachelor's Degree	7.2%
Graduate/Professional Degree	3.5%

### 2008 Employed Civilian Population by Occupation

Management (incl. Farm Mgr.)	5.4%
Professional	10.1%
Sales	9.6%
Office/Administrative Support	11.2%
Life/Physical/Soc. Science/Soc. Svcs.	1.8%
Entertainment/Sports	0.7%
Health Care Pract/Support	9.6%
Protective Services	2.7%
Food Preparation/Serving	4.6%
Maintenance/Installation/Repair	8.6%
Construction/Extraction Services	5.5%
Production	20.0%
Transportation/Moving	9.4%
Farming/Fishing/Forestry	0.8%

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

Company Name	Number of Employees
Swift Galey	1,500
Ina Bearing	800
Domtar	350
Highland Industries Inc	343
Stanley Tools	300
Cheraw Yarn Mills Inc	275
Chesterfield General Hospital	250
Marlboro Park Hospital	238
Delta Mills Marketing Co	177
Crown Cork & Seal Co	175
Wal-Mart	160
Ox Bodies Inc	150
Reliance Trading Co	150
Weyerhaeuser Co	140
Carolina Cannery	130
Palmetto Brick Co	125
Weyerhaeuser Co	120
Jo-Ann Fabrics & Crafts	100
American Stainless & Supply	100
Constar International Inc	69
Pepsi-Cola Bottling Co	57
Bi-Lo	55
Piggly Wiggly	50
Cheraw Iga	50
Bennettsville Printing	50
Furr Sand & Gravel	40
Carolina Tobacco Svc	30
Bennett Motor Co	20
Bear Metals	12
Jackson Oil Co Inc	12
West Oil Co	10
Curtis Oil Co	9
Suburban Propane	6
Cheraw Gas Co	6
Pee Dee Ice & Fuel Inc	0

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



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## 20 Mile Drive Distance Map

