



SOUTH CAROLINA AIRPORTS SYSTEM PLAN

BERKELEY COUNTY - MKS
MONCK'S CORNER, SOUTH CAROLINA

Data Cycle 06/21/2013
Photo Date 2011



Governing Body
ADVISORY BOARD

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Address 616 WHITESVILLE ROAD
City MONCK'S CORNER, SC 29461
Phone 843-899-7711
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Owner COUNTY OF BERKELEY
Address 223 N LIVE OAK DR
City MONCK'S CORNER, SC 29461
Phone 843-761-6900





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BERKELEY COUNTY - MKS
Airport Classification - SC III



MONCKS CORNER, SOUTH CAROLINA



SOUTH CAROLINA AIRPORTS SYSTEM PLAN

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).

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BERKELEY COUNTY - MKS

MONCK'S CORNER, SOUTH CAROLINA

Base Aircraft for 2012		Annual IFR Flight for 2012		Piston	Turbine
Single Engine	1	77 Single Engine		74	3
Multi Engines	250	29 Multi Engines		16	13
Helicopter	0	0 Helicopter		0	0
Jet	0	17 Jet			
Military	0	0 Unknown			
Base Totals	251	123 IFR Totals			

[Hyper Link to IFR details](#)

Single Engine	1	77 Single Engine		74	3
Multi Engines	250	29 Multi Engines		16	13
Helicopter	0	0 Helicopter		0	0
Jet	0	17 Jet			
Military	0	0 Unknown			
Base Totals	251	123 IFR Totals			

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Airport Profile

Elevation	73.00' MSL	Latitude:	33-11-07.8000N
Lighting Schedule	DUSK-DAWN	Longitude:	080-02-10.5000W
Magnetic Var	07°W		

Runway Information

ID	Length	Width	Surface	VGIS	REILS	Edge Lights	Approach Lights	Traffic Pattern
05/23	4351	75	CONC-E	P2L/P2L	None	MED	None	Standard
05/23	4351	75	CONC-E	P2L/P2L	None	MED	None	Standard

Gross Wheel Weight

ID	SW	DW	DTW	DDTW	Surface
05/23	35	52			CONC-E
05/23	35	52			CONC-E

NAVAIDS

ID	Type	FREQ	Direct/Distant
CHS	VORTAC	113.50	r05° 17.5 NM to fld

Communications

		RCO	ATIS	ATC		WEATHER	
UNICOM	CTAF	FREQ	FREQ	FREQ	ID	FREQ	PHONE
123.050	123.050			135.8	CHS	119.175	(843) 761-1486

[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		State	Local	
			Entitlements	Discretionary			
2011							
Runway Extension (Phase I) -- Environmental Assessment, Wetland Mitig., Permitting, Design & Grading Construction (650')	\$1,300,000	0%	\$0	\$0	\$0	0%	\$1,300,000 100%
Rwy 23 End Avigation Easement Acquisitions (32 Parcels)	\$468,350	95%	\$444,933	\$150,000	\$294,933	\$11,709 2.5%	\$11,709 2.5%
Rwy 23 End Obstruction Clearing	\$173,850	95%	\$165,158	\$0	\$165,158	\$4,346 2.5%	\$4,346 2.5%
Terminal Area Land Acquisition (American Legion Prop.)	\$300,000	95%	\$285,000	\$0	\$285,000	\$3,000 1%	\$12,000 4%
Runway Extension (Phase I) -- Environmental Assessment, Wetland Mitig., Permitting, Design & Grading Construction (650')	\$1,300,000	0%	\$0	\$0	\$0	0%	\$1,300,000 100%
Rwy 23 End Avigation Easement Acquisitions (32 Parcels)	\$468,350	95%	\$444,933	\$150,000	\$294,933	\$11,709 2.5%	\$11,709 2.5%
Rwy 23 End Obstruction Clearing	\$173,850	95%	\$165,158	\$0	\$165,158	\$4,346 2.5%	\$4,346 2.5%
Terminal Area Land Acquisition (American Legion Prop.)	\$300,000	95%	\$285,000	\$0	\$285,000	\$3,000 1%	\$12,000 4%
Totals for 2011	\$4,484,400		\$1,790,180	\$300,000	\$1,490,180	\$38,110	\$2,656,110
2012							
Runway Extension (Phase II) -- Easement Acquisition, Obstruction Clearing & Paving Construction (650')	\$1,300,000	95%	\$1,235,000	\$150,000	\$1,085,000	\$32,500 2.5%	\$32,500 2.5%
230 kV Transmission Line Relocation (Inc. Santee-Cooper Cost Est.)	\$2,250,000	95%	\$2,137,500	\$0	\$2,137,500	\$56,250 2.5%	\$56,250 2.5%
Runway Extension (Phase II) -- Easement Acquisition, Obstruction Clearing & Paving Construction (650')	\$1,300,000	95%	\$1,235,000	\$150,000	\$1,085,000	\$32,500 2.5%	\$32,500 2.5%
230 kV Transmission Line Relocation (Inc. Santee-Cooper Cost Est.)	\$2,250,000	95%	\$2,137,500	\$0	\$2,137,500	\$56,250 2.5%	\$56,250 2.5%
Totals for 2012	\$7,100,000		\$6,745,000	\$300,000	\$6,445,000	\$177,500	\$177,500
2013							
Airport Layout Plan Update	\$100,000	95%	\$95,000	\$95,000	\$0	\$2,500 2.5%	\$2,500 2.5%
Hangar Construction	\$650,000	95%	\$617,500	\$55,000	\$562,500	\$0 0%	\$32,500 5%
Airport Layout Plan Update	\$100,000	95%	\$95,000	\$95,000	\$0	\$2,500 2.5%	\$2,500 2.5%
Hangar Construction	\$650,000	95%	\$617,500	\$55,000	\$562,500	\$0 0%	\$32,500 5%
Totals for 2013	\$1,500,000		\$1,425,000	\$300,000	\$1,125,000	\$5,000	\$70,000
2014							
Taxiway & Apron Rehabilitation + Apron Expansion (Design)	\$215,000	95%	\$204,250	\$150,000	\$54,250	\$5,375 2.5%	\$5,375 2.5%
Taxiway & Apron Rehabilitation + Apron Expansion (Design)	\$215,000	95%	\$204,250	\$150,000	\$54,250	\$5,375 2.5%	\$5,375 2.5%
Totals for 2014	\$430,000		\$408,500	\$300,000	\$108,500	\$10,750	\$10,750
2015							



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Taxiway & Apron Rehabilitation + Apron Expansion (Construction)	\$2,000,000	95%	\$1,900,000	\$150,000	\$1,750,000	\$50,000	2.5%	\$50,000	2.5%
Taxiway & Apron Rehabilitation + Apron Expansion (Construction)	\$2,000,000	95%	\$1,900,000	\$150,000	\$1,750,000	\$50,000	2.5%	\$50,000	2.5%
Totals for 2015	\$4,000,000		\$3,800,000	\$300,000	\$3,500,000	\$100,000		\$100,000	
2016									
Land Acquisition for MALSR/ Rwy 5 RPZ (~28 Acres)	\$450,000	95%	\$427,500	\$150,000	\$277,500	\$11,250	2.5%	\$11,250	2.5%
MALS Approach Lights (Rwy 5)	\$750,000	95%	\$712,500	\$0	\$712,500	\$18,750	2.5%	\$18,750	2.5%
Land Acquisition for MALSR/ Rwy 5 RPZ (~28 Acres)	\$450,000	95%	\$427,500	\$150,000	\$277,500	\$11,250	2.5%	\$11,250	2.5%
MALS Approach Lights (Rwy 5)	\$750,000	95%	\$712,500	\$0	\$712,500	\$18,750	2.5%	\$18,750	2.5%
Totals for 2016	\$2,400,000		\$2,280,000	\$300,000	\$1,980,000	\$60,000		\$60,000	



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	151,195
2008 Total Population	175,074
2013 Total Population	193,129
2000-2008 Annual Growth Rate	1.8%
2008-2013 Annual Growth Rate	2.0%

Per Capita Income

2000 Per Capita Income	\$17,790
2008 Per Capita Income	\$23,570
2013 Per Capita Income	\$27,161

Total Households

2000 Total Households	54,732
2008 Total Households	65,551
2013 Total Households	73,308

Median Household Income

2000 Median HH Income	\$42,124
2008 Median HH Income	\$53,735
2013 Median HH Income	\$62,055

Median Age

2000 Median Age	33.2
2008 Median Age	35.1
2013 Median Age	35.9

2008 Population by Age

Population 0 - 14	20.7%
Population 15 - 24	14.3%
Population 25 - 54	44.1%
Population 55 +	19.8%
Population 18+	74.9%
Population 85+	1.0%

2008 Civilian Population 16+ by Employment Status

Employed Civilian Pop 16+	82,948
Unemployed Civilian Pop 16+	6,749
Employment Rate	92.5%
Unemployment Rate	7.5%

2008 Employed Civilian Population by Industry

Agriculture/Mining	0.6%
Construction	11.3%
Manufacturing	11.5%
Retail/Wholesale Trade	15.4%
Transportation/Utilities	6.7%
Information	1.8%
Finance/Insurance/Real Estate	5.5%
Professional/Technical	4.5%
Management	0.0%
Accom/Food/Other Services	10.6%
Educational Services	8.6%
Health Care/Social Assistance	10.9%
Public Administration	6.8%
Admin/Support/Waste Svcs.	4.1%
Arts/Entertainment	1.6%

2008 Educational Attainment by Degree

<9th Grade	4.5%
Some High School	9.8%
High School Graduate	34.4%
Some College	24.0%
Associate Degree	8.7%
Bachelor's Degree	12.9%
Graduate/Professional Degree	5.6%

2008 Employed Civilian Population by Occupation

Management (incl. Farm Mgr.)	7.3%
Professional	12.4%
Sales	11.4%
Office/Administrative Support	14.3%
Life/Physical/Soc. Science/Soc. Svcs.	1.9%
Entertainment/Sports	1.1%
Health Care Pract/Support	9.5%
Protective Services	3.4%
Food Preparation/Serving	4.9%
Maintenance/Installation/Repair	9.9%
Construction/Extraction Services	8.7%
Production	7.9%
Transportation/Moving	7.1%
Farming/Fishing/Forestry	0.3%

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

Company Name	Number of Employees
Pizza Hut	700
Alcoa Inc	600
Caterpillar Reman Powertrain	500
Wal-Mart Supercenter	500
Wal-Mart Supercenter	500
Summerville Soccer Club	450
C R Bard Inc	450
Carolina Nurseries	400
Economic Development Corp	380
Mead Westvaco Forestry	300
Wal-Mart	300
Best Buy	300
Wal-Mart	298
Gates Corp	260
Venture Industries Adult Ctr	250
Mtu Driveshafts	250
Cummins Turbo Technologies	250
Mc Kesson Corp	250
Mills Farm Properties	225
Presbyterian Home Of Sc	220
Dak Americas Llc	215
Life Care Ctr Of Charleston	201
Whirlin Waters Adventure Wtpk	200
Berkeley Citizens Inc	200
Cohen Construction Inc	200
Heritage Trust Federal Cu	198
Healthsouth Rehabilitation Ctr	180
Linde Lift Truck Corp	180
Berkley Cty Water Sanitation	180
J C Penney Co	180
Sun Chemical	158
Carolina Truss Systems Inc	150
Knights Concrete Product Inc	150
Carotek Inc	150
Scout Boats Inc	150

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



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20 Mile Drive Distance Map

