SOUTH CAROLINA AIRPORTS SYSTEM PLAN

CHESTER CATAWBA RGNL - DCM
CHESTER, SOUTH CAROLINA

Data Cycle 04/13/2012
Photo Date 2002

Governing Body
COMMISSION

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CHESTER CATAWBA RGNL - DCM **CHESTER, SOUTH CAROLINA**
Airport Classification - SC III

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.

Base Aircraft for 2011		Annual IFR Flight for 2011		Piston	Turbine
Single Engine	22	92	Single Engine	91	1
Multi Engines	1	7	Multi Engines	3	4
Helicopter	0	1	Helicopter	0	1
Jet	0	1	Jet		
Military	0	0	Unknown		
Base Totals	23	101	IFR Totals		

Hyper Link to IFR details

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Airport Profile

Elevation	657.00' MSL	Latitude:	34-47-21.6000N
Lighting Schedule	DUSK-DAWN	Longitude:	081-11-44.8000W
Magnetic Var	06°W		

Runway Information

ID	Length	Width	Surface	VGIS	REILS	Edge Lights	Approach Lights	Traffic Pattern
05/23	4998	100	ASPH-F	None	None		None	05 - RH
17/35	5000	100	ASPH-G	P2L/P2L	None	MED	None	17 - RH

Gross Wheel Weight

ID	SW	DW	DTW	DDTW	Surface
05/23	4.0	12.0			ASPH-F
17/35	30.0	44.0			ASPH-G

NAVAIDS

ID	Type	FREQ	Direct/Distant
FML	VORTAC	112.40	r227° 16.9 NM to fld
DCM	NDB	220	at fld

Communications

		RCO	ATIS	ATC		WEATHER	
UNICOM	CTAF	FREQ	FREQ	FREQ	ID	FREQ	PHONE
122.700	122.700			120.05	CLT	120.975	(803) 385-2011

Hyperlink to airport drawning diagram

Capital Improvement Program

Project Description	Project Cost		Federal Share	Non-Primary Entitlements	Discretionary	State		Local	
2009									
T-Hangar Site Development	$802,102	95%	$761,997	$150,000	$611,997	$20,053	2.5%	$20,053	2.5%
Airport Perimeter Fence	$934,490	95%	$887,766	$0	$887,766	$23,362	2.5%	$23,362	2.5%
Totals for 2009	$1,736,592		$1,649,763	$150,000	$1,499,763	$43,415		$43,415	
2010									
Apron Expansion	$120,300	95%	$114,285	$150,000	$0	$3,008	2.5%	$3,008	2.5%
T-Hangar Site Development	$1,036,300	95%	$984,485	$0	$948,770	$25,908	2.5%	$25,908	2.5%
Totals for 2010	$1,156,600		$1,098,770	$150,000	$948,770	$28,916		$28,916	
2011									
Runway 5-23 Rehabilitation	$2,092,400	95%	$1,987,780	$150,000	$1,837,780	$52,310	2.5%	$52,310	2.5%
Totals for 2011	$2,092,400		$1,987,780	$150,000	$1,837,780	$52,310		$52,310	

Demographic and Business Profile Report
(Data provided for 20 Mile Drive Distance from Airport)

Total Population and Growth Rate

2000 Total Population	108,763
2008 Total Population	124,627
2013 Total Population	138,505
2000-2008 Annual Growth Rate	1.7%
2008-2013 Annual Growth Rate	2.1%

Per Capita Income

2000 Per Capita Income	$18,171
2008 Per Capita Income	$23,696
2013 Per Capita Income	$27,100

Total Households

2000 Total Households	39,920
2008 Total Households	47,196
2013 Total Households	53,049

Median Household Income

2000 Median HH Income	$38,241
2008 Median HH Income	$48,684
2013 Median HH Income	$56,786

Median Age

2000 Median Age	34.4
2008 Median Age	36.5
2013 Median Age	37.8

2008 Population by Age

Population 0 - 14	20.2%
Population 15 - 24	14.5%
Population 25 - 54	42.4%
Population 55 +	21.2%
Population 18+	75.3%
Population 85+	1.7%

2008 Civilian Population 16+ by Employment Status

Employed Civilian Pop 16+	53,732
Unemployed Civilian Pop 16+	5,607
Employment Rate	90.6%
Unemployment Rate	9.4%

2008 Employed Civilian Population by Industry

Agriculture/Mining	0.7%
Construction	8.8%
Manufacturing	19.5%
Retail/Wholesale Trade	16.2%
Transportation/Utilities	5.1%
Information	2.5%
Finance/Insurance/Real Estate	4.7%
Professional/Technical	3.4%
Management	0.2%
Accom/Food/Other Services	10.0%
Educational Services	9.4%
Health Care/Social Assistance	10.6%
Public Administration	3.3%
Admin/Support/Waste Srvcs.	3.9%
Arts/Entertainment	1.7%

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

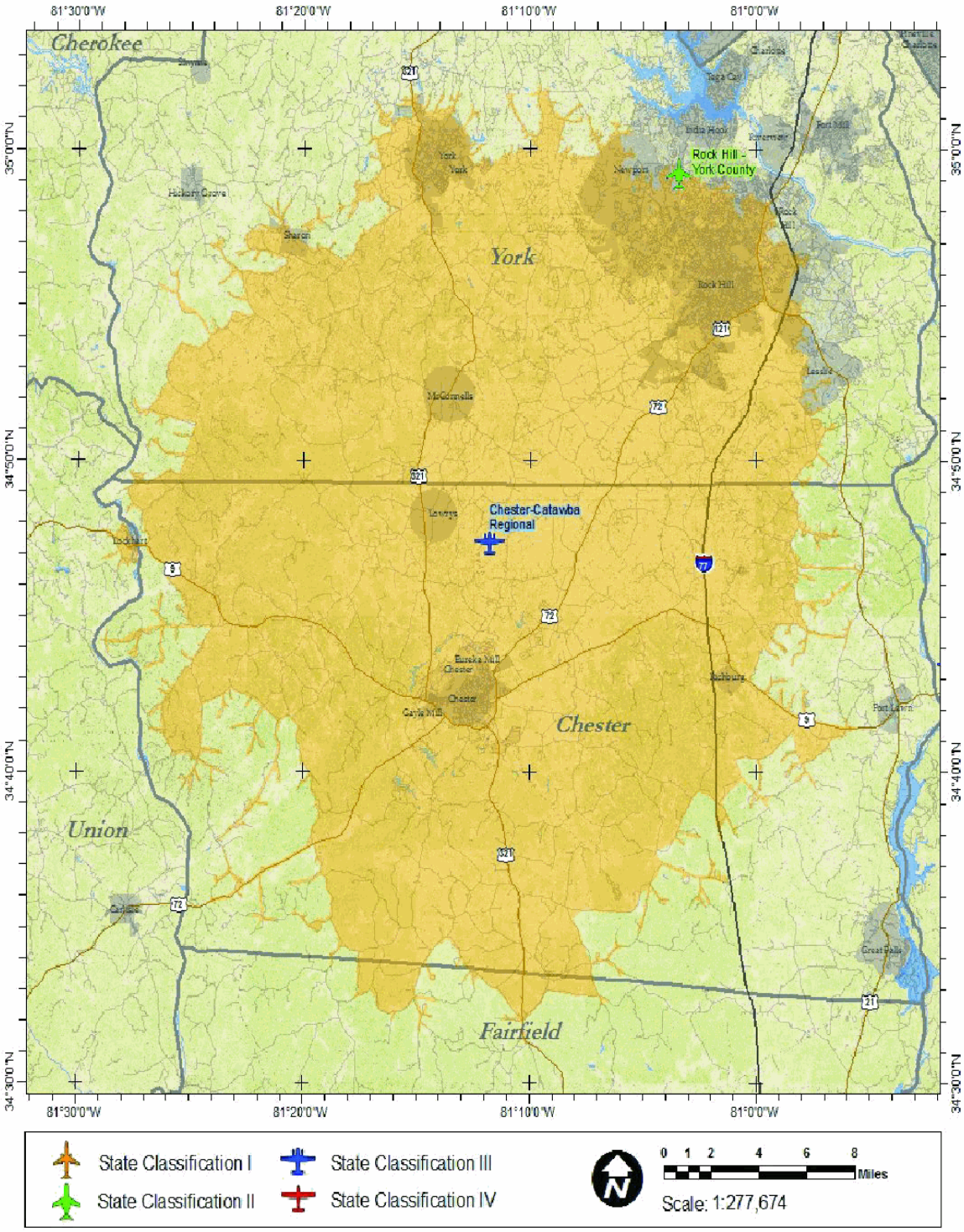
2008 Educational Attainment by Degree

<9th Grade	7.7%
Some High School	15.4%
High School Graduate	31.0%
Some College	18.9%
Associate Degree	7.6%
Bachelor's Degree	12.3%
Graduate/Professional Degree	7.1%

2008 Employed Civilian Population by Occupation

Management (incl. Farm Mgr.)	6.7%
Professional	12.5%
Sales	10.9%
Office/Administrative Support	13.2%
Life/Physical/Soc. Science/Soc. Srvc.	2.1%
Entertainment/Sports	1.4%
Health Care Pract/Support	9.4%
Protective Services	2.3%
Food Preperation/Serving	5.0%
Maintenance/Installation/Repair	8.4%
Construction/Extraction Services	7.2%
Production	12.3%
Transportation/Moving	8.2%
Farming/Fishing/Forestry	0.4%

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

Company Name	Number of Employees
Piedmont Medical Ctr	1,371
Springs Industries Inc	1,200
Springs Industries Inc	800
York Technical College	501
Tyco Electronics	500
Wal-Mart Supercenter	420
Chester Wood Products Llc	400
Champion Laboratories Inc	350
Chester Regional Medical Ctr	350
Guardian Industries Corp	308
Arvin Meritor Inc	300
American Eagle Wheel	300
Hella Lighting Corp	300
Kelly Services	300
Haddon House Food Products Inc	288
Superior Essex Inc	275
Springs Industries Inc	254
Comporium Group	225
Interim Staffing Svc	200
Healthsouth Rehabilitation Ctr	200
Filtration Group Inc	200
York County Public Works Dept	200
Williams & Fudge Inc	200
West Marine	200
Austin International Inc	180
Allvac	178
Bi Lo Llc	175
Spirit Telecom	175
Burns Chevrolet	150
Bi-Lo Drug Store	150
Target	150
Omnova Solutions Inc	150
Philips Products Co	150
Rock Hill Healthcare	145
Pfg Customized Distribution	135

20 Mile Drive Distance Map