



SOUTH CAROLINA AIRPORTS SYSTEM PLAN

DARLINGTON COUNTY AIRPORT - UDG
DARLINGTON, SOUTH CAROLINA

Data Cycle 06/21/2013
Photo Date 2007



Governing Body
COMMISSION

Manager BARRY KENNETT
Address 313 G.GRAHAM SEAGER PARKWAY
City DARLINGTON, SC 29532
Phone 843-393-9928
E-mail
Owner DARLINGTON COUNTY
Address COUNTY COURTHOUSE
City DARLINGTON, SC 29532
Phone 843-393-1000





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DARLINGTON COUNTY AIRPORT - UDG
Airport Classification - SC III



DARLINGTON, 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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DARLINGTON, SOUTH CAROLINA

Base Aircraft for 2012		Annual IFR Flight for 2012		Piston	Turbine
Single Engine	0	352	Single Engine	351	1
Multi Engines	400	83	Multi Engines	26	57
Helicopter	0	0	Helicopter	0	0
Jet	0	440	Jet		
Military	0	0	Unknown		
Base Totals	400	875	IFR Totals		

[Hyper Link to IFR details](#)

Single Engine	0	352	Single Engine	351	1
Multi Engines	400	83	Multi Engines	26	57
Helicopter	0	0	Helicopter	0	0
Jet	0	440	Jet		
Military	0	0	Unknown		
Base Totals	400	875	IFR Totals		

[Hyper Link to IFR details](#)



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DARLINGTON, SOUTH CAROLINA

Airport Profile

Elevation 192.00' MSL
Lighting Schedule DUSK-DAWN
Magnetic Var 06°W

Latitude: 34-26-57.7841N
Longitude: 079-53-24.2190W

Runway Information

ID	Length	Width	Surface	VGIS	REILS	Edge Lights	Approach Lights	Traffic Pattern
05/23	5500	100	ASPH-G	P2L/P2L	05/23	MED	ODALS/	Standard
05/23	5500	100	ASPH-G	P2L/P2L	05/23	MED	ODALS/	Standard

Gross Wheel Weight

ID	SW	DW	DTW	DDTW	Surface
05/23	17	27			ASPH-G
05/23	17	27			ASPH-G

NAVAIDS

ID	Type	FREQ	Direct/Distant
FLO	VORTAC	115.20	r321° 17.4 NM to fld
UDG	NDB	245	at fld

Communications

		RCO	ATIS	ATC		WEATHER	
UNICOM	CTAF	FREQ	FREQ	FREQ	ID	FREQ	PHONE
123.000	123.000			118.6	FLO	119.925	(843) 393-8220

[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
2011						
Aprons & Taxiways Rehab Project - Phase 3: Bidding & Construction (REPACKAGED)	\$230,000 95%	\$218,500	\$150,000	\$68,500	\$5,750 2.5%	\$5,750 2.5%
Aprons & Taxiways Rehab Project - Phase 3: Bidding & Construction (REPACKAGED)	\$230,000 95%	\$218,500	\$150,000	\$68,500	\$5,750 2.5%	\$5,750 2.5%
Totals for 2011	\$460,000	\$437,000	\$300,000	\$137,000	\$11,500	\$11,500
2012						
Tree Obstruction Removal (Survey, Design, Bidding)	\$154,500 97%	\$150,000	\$150,000	\$0	\$2,250 1.4%	\$2,250 1.4%
Tree Obstruction Removal (Construction)	\$150,000 95%	\$142,500	\$0	\$142,500	\$3,750 2.5%	\$3,750 2.5%
Airfield Lighting System Rehabilitation - Phase 1: Design	\$93,000 95%	\$88,350	\$0	\$88,350	\$2,325 2.5%	\$2,325 2.5%
Tree Obstruction Removal (Survey, Design, Bidding)	\$154,500 97%	\$150,000	\$150,000	\$0	\$2,250 1.4%	\$2,250 1.4%
Tree Obstruction Removal (Construction)	\$150,000 95%	\$142,500	\$0	\$142,500	\$3,750 2.5%	\$3,750 2.5%
Airfield Lighting System Rehabilitation - Phase 1: Design	\$93,000 95%	\$88,350	\$0	\$88,350	\$2,325 2.5%	\$2,325 2.5%
Totals for 2012	\$795,000	\$761,700	\$300,000	\$461,700	\$16,650	\$16,650
2013						
Airfield Lighting System Rehabilitation (RW) - Phase 2: Bid & Construct	\$400,000 95%	\$380,000	\$150,000	\$230,000	\$10,000 2.5%	\$10,000 2.5%
Taxiway 'A' Relocation - Phase 1: Design & Permit	\$160,000 95%	\$152,000	\$0	\$152,000	\$4,000 2.5%	\$4,000 2.5%
Airfield Lighting System Rehabilitation (RW) - Phase 2: Bid & Construct	\$400,000 95%	\$380,000	\$150,000	\$230,000	\$10,000 2.5%	\$10,000 2.5%
Taxiway 'A' Relocation - Phase 1: Design & Permit	\$160,000 95%	\$152,000	\$0	\$152,000	\$4,000 2.5%	\$4,000 2.5%
Totals for 2013	\$1,120,000	\$1,064,000	\$300,000	\$764,000	\$28,000	\$28,000
2014						
Taxiway 'A' Relocation - Phase 2: Bidding & Construction	\$2,519,500 95%	\$2,393,525	\$150,000	\$2,243,525	\$62,988 2.5%	\$62,988 2.5%
Taxiway 'A' Relocation - Phase 2: Bidding & Construction	\$2,519,500 95%	\$2,393,525	\$150,000	\$2,243,525	\$62,988 2.5%	\$62,988 2.5%
Totals for 2014	\$5,039,000	\$4,787,050	\$300,000	\$4,487,050	\$125,975	\$125,975
2015						
Airfield Lighting System Rehabilitation (TW) - Phase 3: Bid & Construct	\$410,000 95%	\$389,500	\$389,500	\$0	\$10,250 2.5%	\$10,250 2.5%
Parallel Taxiway System Rehabilitation - Phase 1: Design	\$80,000 95%	\$76,000	\$76,000	\$0	\$2,000 2.5%	\$2,000 2.5%
Airfield Lighting System Rehabilitation (TW) - Phase 3: Bid & Construct	\$410,000 95%	\$389,500	\$389,500	\$0	\$10,250 2.5%	\$10,250 2.5%
Parallel Taxiway System Rehabilitation - Phase 1: Design	\$80,000 95%	\$76,000	\$76,000	\$0	\$2,000 2.5%	\$2,000 2.5%
Totals for 2015	\$980,000	\$931,000	\$931,000	\$0	\$24,500	\$24,500



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2016

Parallel Taxiway System Rehabilitation - Phase 2: Bid & Construct	\$1,078,500	95%	\$1,024,575	\$224,000	\$800,575	\$26,963	2.5%	\$26,963	2.5%
Parallel Taxiway System Rehabilitation - Phase 2: Bid & Construct	\$1,078,500	95%	\$1,024,575	\$224,000	\$800,575	\$26,963	2.5%	\$26,963	2.5%
Totals for 2016	\$2,157,000		\$2,049,150	\$448,000	\$1,601,150	\$53,925		\$53,925	



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	85,022
2008 Total Population	85,113
2013 Total Population	85,103
2000-2008 Annual Growth Rate	0.0%
2008-2013 Annual Growth Rate	0.0%

Per Capita Income

2000 Per Capita Income	\$16,478
2008 Per Capita Income	\$20,730
2013 Per Capita Income	\$24,000

Total Households

2000 Total Households	32,683
2008 Total Households	33,135
2013 Total Households	33,393

Median Household Income

2000 Median HH Income	\$30,365
2008 Median HH Income	\$38,402
2013 Median HH Income	\$44,445

Median Age

2000 Median Age	36.3
2008 Median Age	38.4
2013 Median Age	40.1

2008 Population by Age

Population 0 - 14	20.2%
Population 15 - 24	12.8%
Population 25 - 54	40.9%
Population 55 +	24.3%
Population 18+	75.6%
Population 85+	1.8%

2008 Civilian Population 16+ by Employment Status

Employed Civilian Pop 16+	34,910
Unemployed Civilian Pop 16+	4,713
Employment Rate	88.1%
Unemployment Rate	11.9%

2008 Employed Civilian Population by Industry

Agriculture/Mining	1.9%
Construction	5.8%
Manufacturing	22.5%
Retail/Wholesale Trade	14.1%
Transportation/Utilities	4.9%
Information	0.9%
Finance/Insurance/Real Estate	6.1%
Professional/Technical	2.5%
Management	0.1%
Accom/Food/Other Services	10.6%
Educational Services	8.8%
Health Care/Social Assistance	12.3%
Public Administration	4.7%
Admin/Support/Waste Svcs.	3.5%
Arts/Entertainment	1.3%

2008 Educational Attainment by Degree

<9th Grade	9.2%
Some High School	15.8%
High School Graduate	34.9%
Some College	16.6%
Associate Degree	7.1%
Bachelor's Degree	10.8%
Graduate/Professional Degree	5.7%

2008 Employed Civilian Population by Occupation

Management (incl. Farm Mgr.)	6.7%
Professional	11.2%
Sales	10.0%
Office/Administrative Support	12.5%
Life/Physical/Soc. Science/Soc. Svcs.	2.1%
Entertainment/Sports	1.1%
Health Care Pract/Support	11.0%
Protective Services	2.5%
Food Preparation/Serving	4.4%
Maintenance/Installation/Repair	9.3%
Construction/Extraction Services	5.3%
Production	14.0%
Transportation/Moving	9.2%
Farming/Fishing/Forestry	0.6%

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

Company Name	Number of Employees
Darlington County One Stop	2,023
Swift Galey	1,500
Esab Welding & Cutting	950
Ina Bearing	800
Carolina Pines Regional Med	700
Mohawk Industries	625
Dixie Products	600
Nucor Steel	455
Progress Energy Robinson Plant	450
Domtar	350
Wal-Mart Supercenter	350
Stanley Tools	300
Adp	300
Manheim Darlington Auto Auctn	300
Cheraw Yarn Mills Inc	275
Acs Technologies Group Inc	250
Marlboro Park Hospital	238
Superior Machine Co Of Sc Inc	220
Stingray Boat	215
Rbc Bearings	205
International Cup	200
Chesterfield Lumber Co	200
Institution Food House Inc	185
Crown Cork & Seal Co	175
Darlington Veneer Co Inc	165
Sopakco	150
Caresouth Carolina	150
Citi Trends	150
Weyerhaeuser Co	140
Petro Stopping Ctr	140
Irix Pharmaceuticals Inc	138
Carolina Cannery	130
Abb Inc	130
Kentco Heating & Cooling	125
Ccs	125

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



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20 Mile Drive Distance Map

