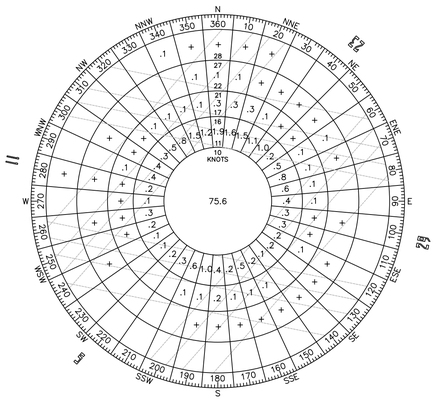


IFR WIND ROSE

ALL WEATHER WIND ROSE

SOURCE: NATIONAL CLIMATIC DATA CENTER
STATION: MYRTLE BEACH, SOUTH CAROLINA
PERIOD: 1992 – 2001

RUNWAY	CROSSWIND COMPONENT	ALL WEATHER	IFR
5–23	10.5 KNT–12 MPH	92.67%	90.69%
	13.0 KNT–15 MPH	96.60%	95.21%
	16.0 KNT–18 MPH	99.25%	98.48%
11–29	10.5 KNT–12 MPH	87.72%	84.05%
	13.0 KNT–15 MPH	92.82%	90.32%
	16.0 KNT–18 MPH	98.27%	96.84%
COMBINED	10.5 KNT–12 MPH	96.46%	95.02%
	13.0 KNT–15 MPH	98.46%	98.24%
	16.0 KNT–18 MPH	99.49%	99.38%

MONUMENT DATA

MONUMENT (MON.A)
USC&GS AERO 1962
NAD83(1995)
N 543,422.61 (ift)
E 2,512,326.07 (ift)
LAT 33°18'55.79606" N
LONG 079°19'21.55400" W

MONUMENT (MON.B)
USC&GS AERO AZ MK 3 1985
NAD83(1995)
N 541,513.82 (ift)
E 2,511,337.37 (ift)
LAT 33°18'37.06914" N
LONG 079°19'33.56942" W

The preparation of this document was financed in part through a planning grant from the federal aviation administration as provided under section 505 of the airport and airway improvement act of 1982. The contents do not necessarily reflect the official views or policy of the FAA. Acceptance of this report by the FAA does not in any way constitute a commitment on the part of the United States to participate in any development depicted therein nor does it indicate that the proposed development is environmentally acceptable in accordance with appropriate public laws.

BUILDINGS

1. TERMINAL
2. T–HANGAR
3. CORPORATE HANGAR
4. MAINTENANCE HANGAR
5. AIRFIELD LIGHTING VAULT
6. STORAGE
7. NO. RESERVED (FUTURE)
8. NO. RESERVED (FUTURE)
9. NO. RESERVED (FUTURE)
10. NO. RESERVED (FUTURE)

FACILITIES

11. NDB
12. AIRPORT BEACON
13. SEG. CIRCLE & LTD. WIND CONE
14. PAPI 2L
15. AWOS
16. REIL (INTIRIM/ULTIMATE)
17. LOCALIZER (ULTIMATE)
18. GLIDE SLOPE FAC. (ULTIMATE)
19. MALSR (ULTIMATE)
20. PAPI 2L (ULTIMATE)

RUNWAY END DATA

		EXISTING	ULTIMATE
RUNWAY 5 END	LATITUDE NORTH	33°18'34.56"	33°18'27.14"
COORDINATES (NAD83)	LONGITUDE WEST	79°19'34.49"	79°19'42.27"
RUNWAY 23 END	LATITUDE NORTH	33°19'11.68"	SAME
COORDINATES (NAD83)	LONGITUDE WEST	79°18'55.53"	SAME
RUNWAY 11 END	LATITUDE NORTH	33°18'34.46"	SAME
COORDINATES (NAD83)	LONGITUDE WEST	79°19'31.69"	SAME
RUNWAY 29 END	LATITUDE NORTH	33°18'25.56"	SAME
COORDINATES (NAD83)	LONGITUDE WEST	79°18'39.23"	SAME
RUNWAY 5 END ELEVATION		38.80	SAME
RUNWAY 23 END ELEVATION		33.60	SAME
RUNWAY 11 END ELEVATION		37.20	SAME
RUNWAY 29 END ELEVATION		23.00	SAME
RUNWAY 5 TOUCHDOWN ZONE ELEVATION		38.80	SAME
RUNWAY 23 TOUCHDOWN ZONE ELEVATION		36.80	SAME
RUNWAY 11 TOUCHDOWN ZONE ELEVATION		37.20	SAME
RUNWAY 29 TOUCHDOWN ZONE ELEVATION		30.00	SAME

FAR PART 77 RUNWAY APPROACH AND RPZ DATA

RUNWAY	EXISTING	ULTIMATE
5	NONPRECISION APPROACH (GPS) SURFACE VISIBILITY MINIMUMS NOT LESS THAN 1 MILE 500' X 10000' X 3500' 10000' @ 34:1 REQUIRED RUNWAY PROTECTION ZONE 500' X 1000' X 700'	PRECISION APPROACH (PIR) SURFACE VISIBILITY MINIMUMS NOT LESS THAN CAT I 1000' X 50000' X 16000' 10000' @ 50:1 REQ. 40000' @ 40:1 REQ. RUNWAY PROTECTION ZONE 1000' X 2500' X 1750'
23	VISUAL APPROACH 500' X 5000' X 1500' 5000' @ 20:1 REQUIRED RUNWAY PROTECTION ZONE 500' X 1000' X 700'	NONPRECISION APPROACH (GPS) SURFACE VISIBILITY MINIMUMS NOT LESS THAN 1 MILE 1000' X 10000' X 3500' 10000' @ 34:1 REQUIRED RUNWAY PROTECTION ZONE 500' X 1700' X 1010'
11	VISUAL APPROACH 500' X 5000' X 1500' 5000' @ 20:1 REQUIRED RUNWAY PROTECTION ZONE 500' X 1000' X 700'	NONPRECISION APPROACH (GPS) SURFACE VISIBILITY MINIMUMS NOT LESS THAN 1 MILE 500' X 10000' X 3500' 10000' @ 34:1 REQUIRED RUNWAY PROTECTION ZONE 500' X 1000' X 700'
29	VISUAL APPROACH 500' X 5000' X 1500' 5000' @ 20:1 REQUIRED RUNWAY PROTECTION ZONE 500' X 1000' X 700'	NONPRECISION APPROACH (GPS) SURFACE VISIBILITY MINIMUMS NOT LESS THAN 1 MILE 500' X 10000' X 3500' 10000' @ 34:1 REQUIRED RUNWAY PROTECTION ZONE 500' X 1000' X 700'

AIRPORT DESIGN STANDARDS DIMENSIONAL DATA

RUNWAY	5–23		11–29	
AIRPORT REFERENCE CODE (ARC) ITEM	EXIST. REQ.	ULT. REQ.	EXIST. REQ.	ULT. REQ.
RUNWAY SAFETY AREA (RSA) WIDTH	150'	500'	150'	SAME
RSA BEYOND R/W END	300'	1000'	300'	SAME
RUNWAY OBSTACLE FREE ZONE (OFZ) WIDTH	400'	SAME	400'	SAME
OFZ BEYOND R/W END	200'	SAME	200'	SAME
INNER TRANSITIONAL OFZ HEIGHT	N/A	53.5'	N/A	N/A
INNER TRANSITIONAL OFZ SLOPE	0:1	6:1	N/A	N/A
INNER APPROACH OFZ WIDTH	N/A	400'	N/A	N/A
INNER APPROACH OFZ BEYOND LAST MALSR UNIT	N/A	200'	N/A	N/A
SLOPE FROM 200' BEYOND THRESHOLD	N/A	50:1	N/A	N/A
RUNWAY OBJECT FREE AREA (ROFA) WIDTH	500'	800'	500'	SAME
ROFA BEYOND R/W END	300'	1000'	300'	SAME
TAXIWAY OBJECT FREE AREA (TOFA) WIDTH	131'	SAME	131'	SAME
TAXILANE OBJECT FREE AREA	115'	SAME	115'	SAME
MINIMUM AIRCRAFT PARKING DIST FROM R/W ℄	250'	500'	250'	SAME

RUNWAY DATA

RUNWAY		5–23		11–29	
ITEM		EXISTING	ULTIMATE	EXISTING	ULTIMATE
AIRPORT REFERENCE CODE (ARC)		B II	C II	B II	SAME
CRITICAL AIRCRAFT		CITATION II	CITATION X	KING AIR 200	SAME
LENGTH X WIDTH		5001' X 100'	6000' X 100'	4539' X 150'	4539' X 75'
EFFECTIVE GRADIENT		0.10%	0.09%	0.31%	SAME
PAVEMENT SURFACE		ASPHALT	SAME	ASPHALT	SAME
PAVEMENT STRENGTH (THOUSANDS OF POUNDS)		30S 60D	80 D	20S 30D	SAME
MARKING		NPI	PIR	BSC	NPI
NAVAIDS	ILS	–	5	–	–
	GPS	5	5–23	–	11–29
	NDB	5	5–23	–	11–29
EDGE LIGHTING		MIRL	HIRL	MIRL	SAME
APPROACH LIGHTING	PAPI	5–23	SAME	–	11–29
	REIL	–	23	–	11–29
	MALSR	–	5	–	–

ILS FACILITY COORDINATES

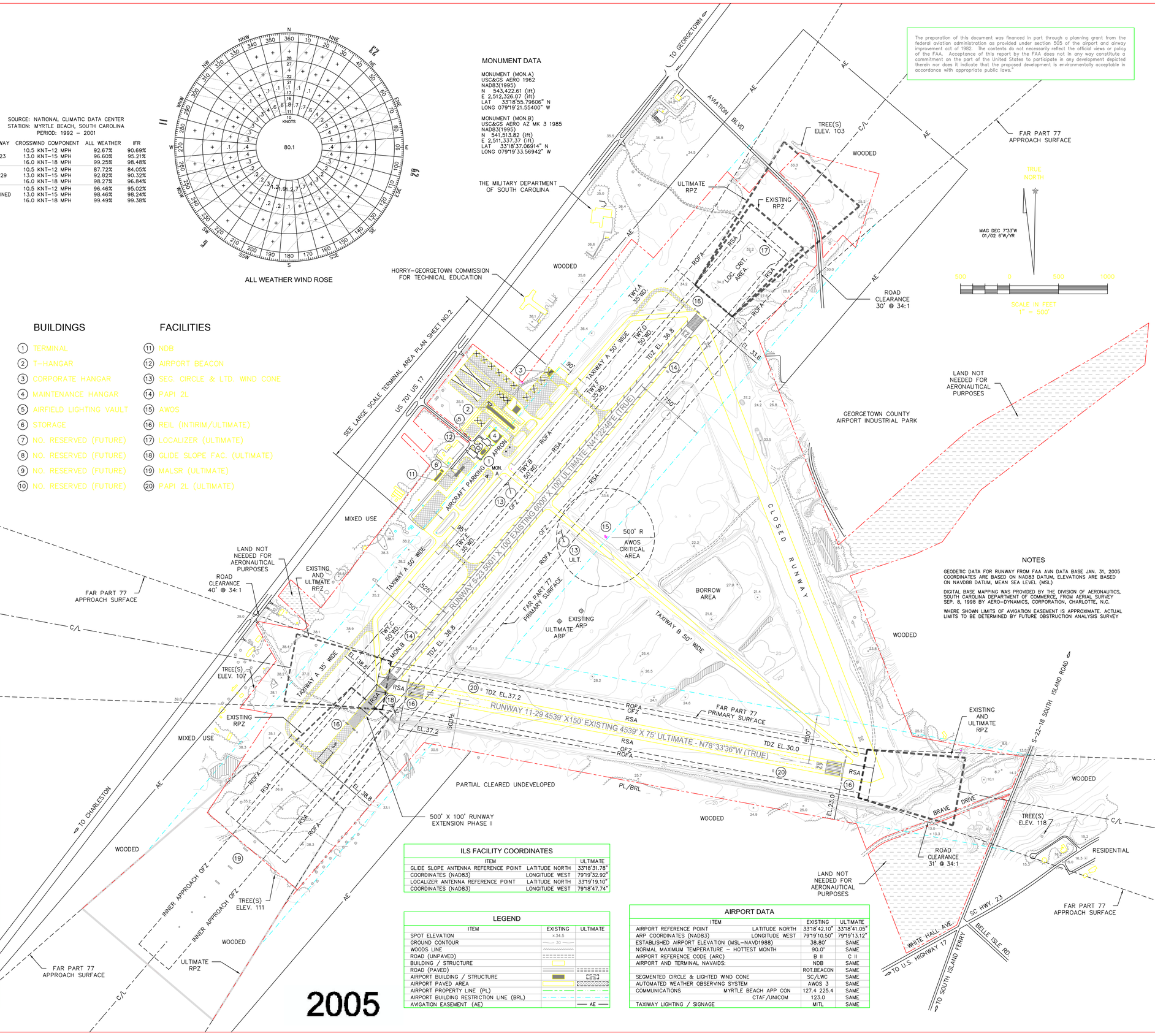
ITEM		ULTIMATE
GLIDE SLOPE ANTENNA REFERENCE POINT	LATITUDE NORTH	33°18'31.78"
COORDINATES (NAD83)	LONGITUDE WEST	79°19'32.92"
LOCALIZER ANTENNA REFERENCE POINT	LATITUDE NORTH	33°19'19.10"
COORDINATES (NAD83)	LONGITUDE WEST	79°18'47.74"

LEGEND

ITEM	EXISTING	ULTIMATE
SPOT ELEVATION	× 34.5	
GROUND CONTOUR	30	
WOODS LINE		
ROAD (UNPAVED)		
BUILDING / STRUCTURE		
ROAD (PAVED)		
AIRPORT BUILDING / STRUCTURE		
AIRPORT PAVED AREA		
AIRPORT PROPERTY LINE (PL)		
AIRPORT BUILDING RESTRICTION LINE (BRL)		
AVIGATION EASEMENT (AE)		AE

AIRPORT DATA

ITEM		EXISTING	ULTIMATE
AIRPORT REFERENCE POINT	LATITUDE NORTH	33°18'42.10"	33°18'41.05"
ARP COORDINATES (NAD83)	LONGITUDE WEST	79°19'10.50"	79°19'13.12"
ESTABLISHED AIRPORT ELEVATION (MSL–NAVD1988)		38.80'	SAME
NORMAL MAXIMUM TEMPERATURE – HOTTEST MONTH		90.0°	SAME
AIRPORT REFERENCE CODE (ARC)		B II	C II
AIRPORT AND TERMINAL NAVAIDS:		NDB	SAME
		ROT.BEACON	SAME
SEGMENTED CIRCLE & LIGHTED WIND CONE		SC/LWC	SAME
AUTOMATED WEATHER OBSERVING SYSTEM		AWOS 3	SAME
COMMUNICATIONS	MYRTLE BEACH APP CON	127.4 225.4	SAME
	CTAF/UNICOM	123.0	SAME
TAXIWAY LIGHTING / SIGNAGE		MITL	SAME



2005

NOTES

GEODETIC DATA FOR RUNWAY FROM FAA AVN DATA BASE JAN. 31, 2005 COORDINATES ARE BASED ON NAD83 DATUM, ELEVATIONS ARE BASED ON NAVD88 DATUM, MEAN SEA LEVEL (MSL)

DIGITAL BASE MAPPING WAS PROVIDED BY THE DIVISION OF AERONAUTICS, SOUTH CAROLINA DEPARTMENT OF COMMERCE, FROM AERIAL SURVEY SEP. 8, 1998 BY AERO–DYNAMICS, CORPORATION, CHARLOTTE, N.C.

WHERE SHOWN LIMITS OF AVIGATION EASEMENT IS APPROXIMATE. ACTUAL LIMITS TO BE DETERMINED BY FUTURE OBSTRUCTION ANALYSIS SURVEY

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REV.NO	DESCRIPTION	DATE
	REVISIONS	

GEORGETOWN COUNTY AIRPORT (GGE)
GEORGETOWN, SOUTH CAROLINA
AIRPORT LAYOUT DRAWING

Approved By	
Title	
Date	
GEORGETOWN COUNTY	
Date	JANUARY 2005
Scale	1"=500'
Drawn	LSM
Checked	JTT
Project No.	2601–0004
Sheet No.	1
Of	FIVE