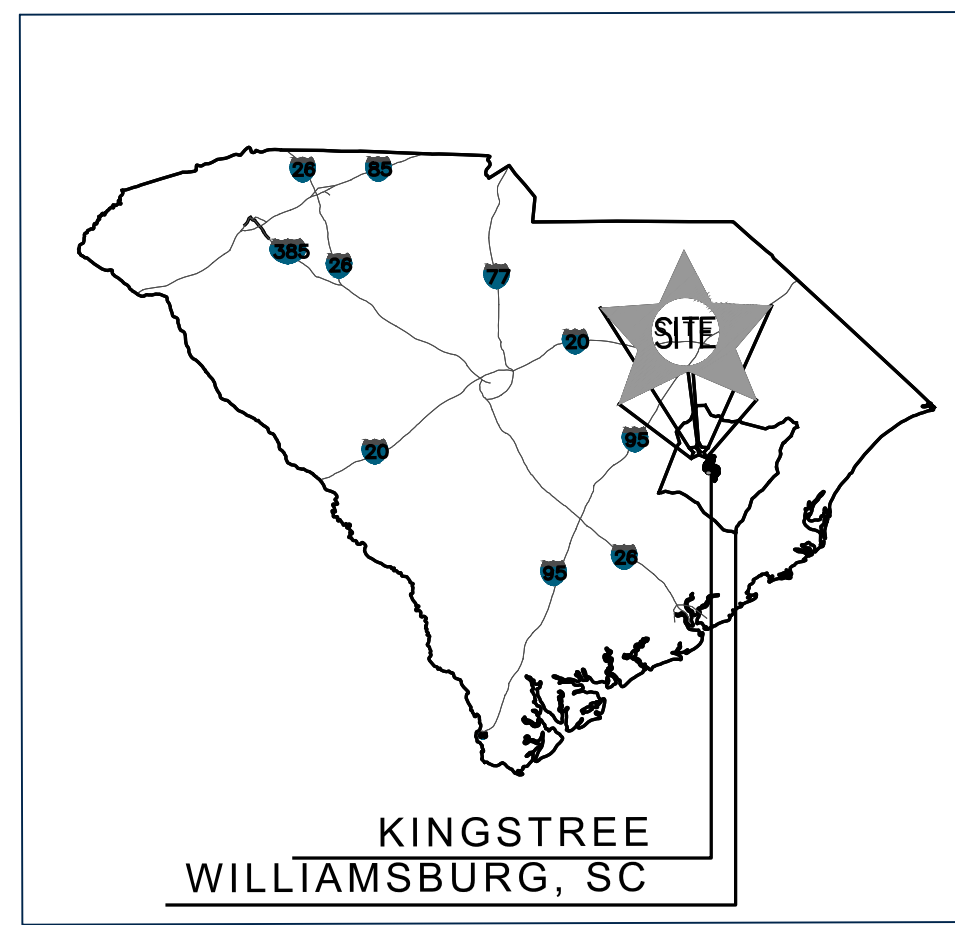


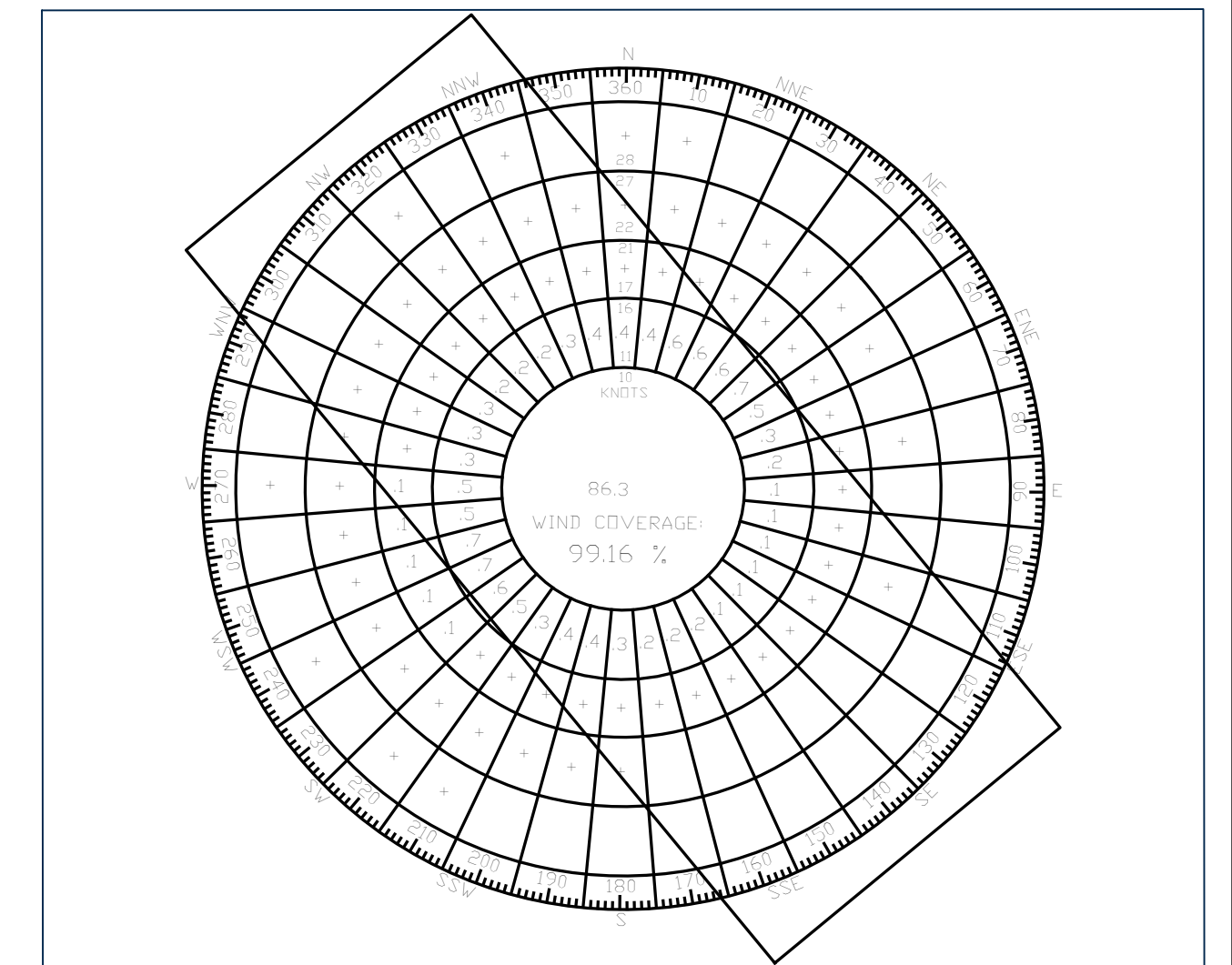
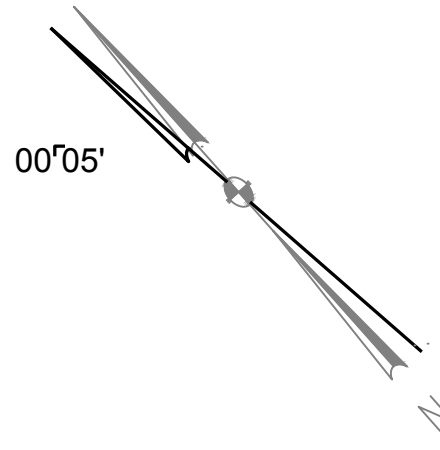
LOCATION MAP:
WILLIAMSBURG COUNTY, SC



VICINITY MAP:
WILLIAMSBURG COUNTY, SC

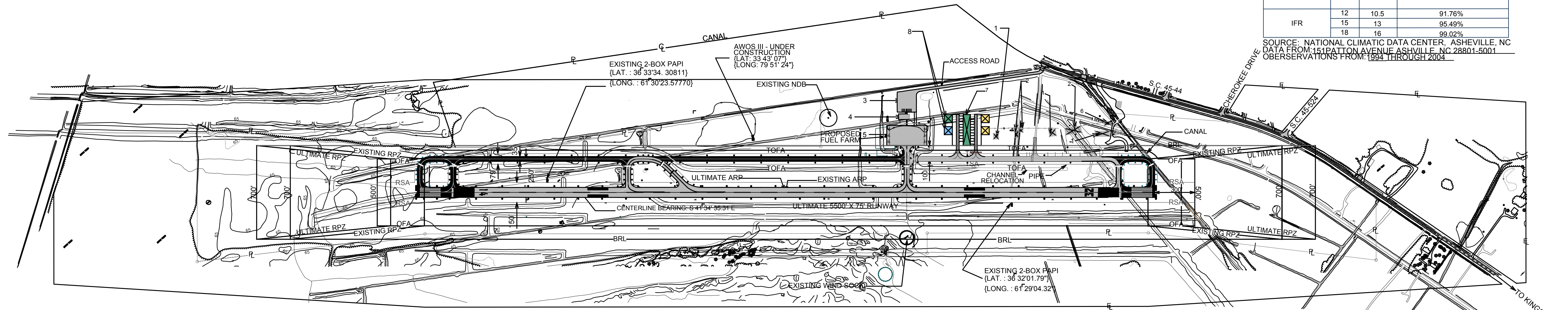
CONSTRUCTION NOTICE REQUIREMENTS
To protect operational safety and future development, all proposed construction on the airport must be coordinated by the airport owner with the FAA Airports District Office prior to construction. FAA's review takes approximately 60 days.

ANNUAL RATE OF CHANGE: 00°05'
DECLINATION: 07°16'



WIND ROSE DATA			
ALL WEATHER	MPH	KNOTS	RUNWAY END COVERAGE
			RUNWAY
	12	10.5	91.81%
	15	13	95.60%
	18	16	99.16%
IFR	12	10.5	91.76%
	15	13	95.49%
	18	16	99.02%

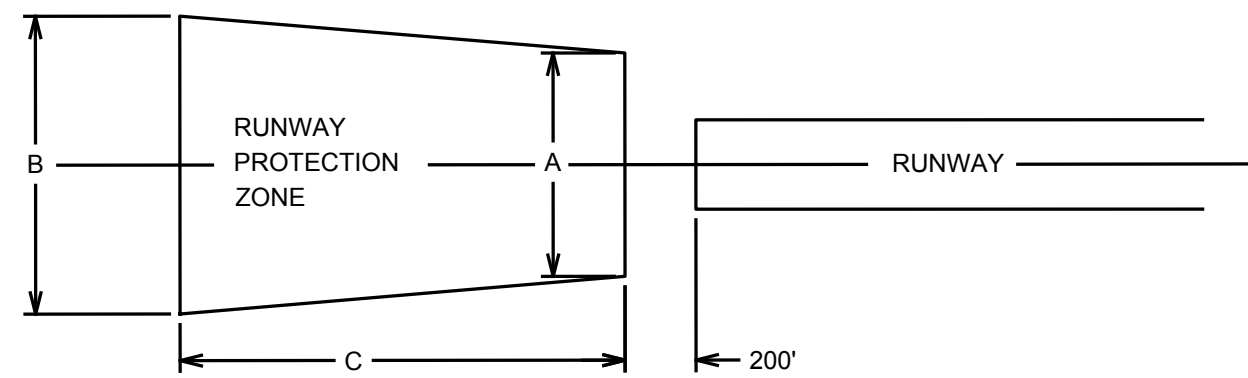
SOURCE: NATIONAL CLIMATIC DATA CENTER, ASHEVILLE, NC
DATA FROM: 151 PATTON AVENUE ASHVILLE, NC 28801-5001
OBSERVATIONS FROM: 1994 THROUGH 2004



LEGEND	
AIRPORT REFERENCE POINT	⊕
RUNWAY SAFETY AREA	RSA
TAXIWAY SAFETY AREA	TSA
RUNWAY OBJECT FREE AREA	OFA
TAXIWAY OBJECT FREE AREA	TOFA
AIRPORT PROPERTY LINE	R
AIRPORT EASEMENT LINE	E
BUILDING RESTRICTION LINE	BRL
TIE DOWN MARKINGS	• • •
RUNWAY AND TAXIWAY LIGHTS	• • •
TREE LINE	—
TREES	• • •
BILL BOARDS	—
GROUND ELEVATION CONTOUR LINE	—
POSTS	• • •
POWER POLE	• • •
DEPRESSION CONTOUR LINE	—
EXISTING HIGHWAY	—
EXISTING 2-BOX PAPI	■
PROPOSED AWOS III	■
EXISTING WELL AND PUMP	•
EXISTING ANTENNA	•
EXISTING FENCE	—
PROPOSED PIPES	—

STAGING SHAPES			
PHASE I (0 - 5 YEARS)	PHASE II (6 - 10 YEARS)	PHASE III (11 - 20 YEARS)	EXISTING

FACILITIES LIST	
1	EXISTING HANGARS
2	EXISTING AIRPLANE CANOPIES
3	EXISTING PARKING AREA
4	EXISTING TERMINAL
5	EXISTING APRON
6	EXISTING MOBILE HOME
7	PROPOSED 10 UNIT HANGAR
8	PROPOSED 60 X 60 HANGARS
9	
10	



RUNWAY PROTECTION ZONE DATA									
RUNWAY END	ULTIMATE CATEGORY	APPROACH SLOPE		EXISTING RPZ DIMENSIONS			ULTIMATE RPZ DIMENSIONS		
		EXISTING	ULTIMATE	A	B	C	A	B	C
RUNWAY 14	B II	20:1	34:1	500'	700'	1,000'	500'	1010'	1,700'
RUNWAY 32	B II	20:1	34:1	500'	700'	1,000'	500'	1010'	1,700'

RUNWAY END DATA							
RUNWAY END	ELEVATION	EXISTING END DATA			ULTIMATE END DATA		
		LATITUDE	LONGITUDE	ELEVATION	LATITUDE	LONGITUDE	ELEVATION
RUNWAY 14	65.8'	33° 43' 18.65"	79° 51' 47.01"	65.0'	33° 43' 20.32"	79° 51' 49.21"	65.2'
RUNWAY 32	65.2'	33° 42' 45.41"	79° 51' 03.16"	63.3'	33° 42' 43.74"	79° 51' 00.96"	63.3'

AIRPORT DATA	
SPONSOR	WILLIAMSBURG REGIONAL AIRPORT
CITY	KINGSTREE
COUNTY	WILLIAMSBURG
STATE	SOUTH CAROLINA
AIRPORT IDENTIFIER	CKI
GPS AT AIRPORT	NO
MEAN MAXIMUM TEMPERATURE	90° F
AIRPORT ELEVATION (MSL)	67.9' MSL
AIRPORT REFERENCE POINT (ARP) DATA (NAD 83)	LAT. 33° 43' 02.04" LONG. 79° 51' 25.08"
AIRPORT & TERMINAL	NDB NDB
AIRPORT REFERENCE CODE (ARC)	B-II B-II
DESIGN AIRCRAFT	FALCON 50
TOUCHDOWN ZONE ELEVATION	65.9' 67.3'

RUNWAY DATA				
RUNWAY	EXISTING	ULTIMATE	RUNWAY 14-32	
			EXISTING	ULTIMATE
14	32	14	32	32
% EFFECTIVE GRADIENT	0.0%	0.0%	0.0%	0.0%
% WIND COVERAGE (MPH & knots)	12 MPH - 10.5 KNOTS	12 MPH - 10.5 KNOTS	12 MPH - 10.5 KNOTS	12 MPH - 10.5 KNOTS
MAXIMUM ELEVATION ABOVE MSL	67.9MSL	67.9MSL	67.9MSL	67.9MSL
RUNWAY LENGTH	5,000	5,500	5,500	5,500
RUNWAY WIDTH	75'	75'	75'	75'
RUNWAY SURFACE TYPE	ASPHALT	ASPHALT	ASPHALT	ASPHALT
RUNWAY STRENGTH (000's lbs.)	30,000 lbs.	30,000 lbs.	30,000 lbs.	30,000 lbs.
PART 77 APPROACH CATEGORY	NDB or GPS	NDB or GPS	NDB or GPS	NDB or GPS
APPROACH VISIBILITY MINIMUMS	NOT LOWER THAN ONE MILE	NOT LOWER THAN ONE MILE	NOT LOWER THAN ONE MILE	NOT LOWER THAN ONE MILE
TYPE INSTRUMENT APPROACH	NPI	NPI	NPI	NPI
APPROACH SLOPE	20:1	20:1	20:1	20:1
RUNWAY LIGHTING	MIRL	MIRL	MIRL/MITL	MIRL/MITL
RUNWAY MARKING	BASIC	BASIC	BASIC	BASIC
NAVAIDS & VISUAL AIDS	PAPI NDB ROTATING BEACON (L) WINDCONE / SEGMENTED CIRCLE	PAPI NDB ROTATING BEACON (L) WINDCONE / SEGMENTED CIRCLE	PAPI NDB ROTATING BEACON (L) WINDCONE / SEGMENTED CIRCLE	PAPI NDB ROTATING BEACON (L) WINDCONE / SEGMENTED CIRCLE
SAFETY AREA DIMENSIONS	5600' X 150'	5600' X 150'	6100' X 150'	6100' X 150'
OBJECT FREE AREA DIMENSIONS	5600' X 500'	5600' X 500'	6100' X 500'	6100' X 500'
DECLARED DISTANCES				
RUNWAY HIGH POINTS	66.9'	67.3'	66.9'	67.3'
RUNWAY LOW POINTS	65.6'	65.2'	64.4'	65.2'

REV. NO.	DATE	DESCRIPTION OF REVISION
1	JUNE 19, 2009	PARTIAL UPDATE: INCORPORATION OF COMPLETED PARTIAL PARALLEL TAXIWAY, TAXI LINES AND AWOS
2	12/6/2019	ULTIMATE RUNWAY END POINT ADJUSTMENTS
-		
-		
-		
-		

DESIGNED BY		DATE
GTC	JAN. 23 2004	
JCL	JAN. 23 2004	
GTC	JAN. 23 2004	

APPROVALS:	
TITLE	DATE
TITLE	DATE
TITLE	DATE

PLANS PREPARED BY

PLANS PREPARED FOR	
WILLIAMSBURG REGIONAL AIRPORT WILLIAMSBURG COUNTY, SC	
PROJECT NO. (CLIENT)	PROJECT NO. (WSA)
03-45-0033-005	388460

AIRPORT LAYOUT PLAN	
DATE: MARCH, 2004	FILE: I:\422\CK\MASTER\MMASTERPLAN00_ALP.DGN
NO. 2 OF 8	