

RUNWAY DATA TABLE					
DESCRIPTION	RUNWAY 1-19		RUNWAY 7-25		ULTIMATE
	EXISTING	ULTIMATE	EXISTING	ULTIMATE	
RUNWAY LENGTH	3,800'	SAME	5,500'	5,500'	SAME
RUNWAY WIDTH	75'	SAME	100'	100'	SAME
RUNWAY WIND COVERAGE % (ALL WEATHER)					
10 KTS / 12MPH	95.00%	SAME	96.40%	SAME	SAME
15 KTS / 18MPH	97.28%	SAME	98.24%	SAME	SAME
16 KTS / 18MPH	99.28%	SAME	99.58%	SAME	SAME
20 KTS / 23MPH	99.84%	SAME	99.91%	SAME	SAME
AIRPORT REFERENCE CODE	B-I	SAME	C-II	SAME	SAME
CRITICAL AIRCRAFT	BEECH KING AIR 350	SAME	CESSNA III/VII	SAME	HAWKER 800
TRUE BEARING	0.37° / 180.37°	SAME	60.32° / 240.32°	SAME	0.49° / 180.49°
EFFECTIVE GRADIENT (%)	0.95% / 0.9%	SAME	0.49% / 0.4%	SAME	MIRL
RUNWAY LIGHTING	NONE	SAME	MIRL	SAME	SAME
PAVEMENT STRENGTH:					
SINGLE WHEEL GEAR (LBS)	22,000	SAME	22,000	SAME	SAME
DOUBLE WHEEL GEAR (LBS)	N/A	SAME	65,000	SAME	SAME
SURFACE COMPOSITION	ASPHALT	SAME	ASPHALT	SAME	SAME
FAR PART 77 PRIMARY SURFACE WIDTH	500'	SAME	1,000'	SAME	SAME

EXISTING BUILDING DATA TABLE			
BLDG. NO.	DESCRIPTION	TOP ELEV.	CONSTR. PHASE
1	T-HANGAR (6 UNITS)	515.8'	P-3
2	CORPORATE HANGAR	531.6'	P-3
3	CORPORATE HANGAR	530.4'	P-3
4	CORPORATE HANGAR	530.1'	P-3
5	CORPORATE HANGAR	531.0'	P-3
6	CORPORATE HANGAR	537.8'	P-3
7	FLIGHT SCHOOL	526.0'	P-3
8	FBO TERMINAL	542.9'	P-3
9	MAINTENANCE HANGAR	532.9'	P-3
10	T-HANGAR (8 UNITS)	524.9'	P-3
11	T-HANGAR (6 UNITS)	529.1'	P-3
12	T-HANGAR (8 UNITS)	530.3'	P-3
13	AVIONICS SHOP	525.9'	P-3
14	MAINTENANCE HANGAR	534.3'	P-3
15	MAINT./REFURB. HANGAR	535.2'	P-3
16	MAINT./REFURB. HANGAR	542.4'	P-3
17	MAINT./REFURB. HANGAR	532.3'	P-3
18	AIKEN AVIATION HANGAR	542.0'	P-3

ULTIMATE BUILDING DATA TABLE			
BLDG. NO.	DESCRIPTION	TOP ELEV.	CONSTR. PHASE
A-1	T-HANGAR (8 UNIT) (13,000 S.F.)	532.0'	P-3
A-2	T-HANGAR (8 UNIT) (13,000 S.F.)	532.0'	P-3
A-3	T-HANGAR (8 UNIT) (13,000 S.F.)	532.0'	P-3
A-4	T-HANGAR (8 UNIT) (13,000 S.F.)	542.0'	P-3
A-5	T-HANGAR (8 UNIT) (13,000 S.F.)	542.0'	P-3
A-6	T-HANGAR (8 UNIT) (13,000 S.F.)	542.0'	P-3
A-7	T-HANGAR (8 UNIT) (13,000 S.F.)	552.0'	P-2
A-8	T-HANGAR (8 UNIT) (13,000 S.F.)	552.0'	P-2
B-1	LARGE HANGAR (10,000 S.F.)	532.0'	P-1
B-2	LARGE HANGAR (10,000 S.F.)	569.0'	P-2
B-3	LARGE HANGAR (10,000 S.F.)	569.0'	P-2
B-4	LARGE HANGAR (10,000 S.F.)	569.0'	P-2
C-1	BOX HANGAR (5,000 S.F.)	558.0'	P-3
C-2	BOX HANGAR (5,000 S.F.)	558.0'	P-3
C-3	BOX HANGAR (5,000 S.F.)	558.0'	P-3
C-4	BOX HANGAR (5,000 S.F.)	564.0'	P-2
C-5	BOX HANGAR (5,000 S.F.)	564.0'	P-2
C-6	BOX HANGAR (5,000 S.F.)	564.0'	P-2
C-7	BOX HANGAR (5,000 S.F.)	564.0'	P-2
C-8	BOX HANGAR (5,000 S.F.)	564.0'	P-2
C-9	BOX HANGAR (5,000 S.F.)	564.0'	P-2
C-10	BOX HANGAR (5,000 S.F.)	564.0'	P-2
D-1	ONE SIDED T-HANGAR (4 UNITS, 13K S.F.)	532.0'	P-3
E-1	ULTIMATE ARFF FACILITY / FIRE STATION	515.0'	P-3

FAA DISCLAIMER

THE CONTENTS DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICIES OF THE FAA. THE ACCEPTANCE OF THIS PLAN BY THE FAA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED HEREIN NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH PUBLIC LAWS.

NOTE: ELEVATIONS OF EXISTING BUILDINGS WERE TAKEN FROM PLANNING MAPPING, DATED DECEMBER 30, 2010.

NOTE: ULTIMATE BUILDING ELEVATIONS WERE ESTIMATED BASED ON EXISTING GROUND ELEVATION IN VICINITY PLUS ANTICIPATED CONSTRUCTION HEIGHT.

AIRPORT DATA		
DESCRIPTION	EXISTING	ULTIMATE
SERVICE LEVEL (NPAS)	GENERAL AVIATION	SAME
AIRPORT REFERENCE CODE (ARC)	C-II	SAME
AIRPORT ELEVATION (MSL)	528.5'	SAME
AIRPORT REFERENCE POINT	82° E JULY	SAME
MEAN MAX. TEMP. (HIGHEST MONTH)	82° F	SAME
AIRPORT REFERENCE POINT	LONGITUDE 81° 41' 08.1000" W	33° 38' 58.666" N
MAGNETIC DECLINATION (MARCH 2012)	6° 34' 33" W	4.5° W PER YEAR
AIRPORT IDENTIFIER	AK	SAME
TAXIWAY LIGHTING	LITL	SAME
AIRPORT NAVAIDS	BEACON, PAPI, ODALS, WINDCONE, GPS, SEGMENTED CIRCLE	MALSRS, WINDCONE, GPS, SEGMENTED CIRCLE, ILS

MODIFICATION TO FAA DESIGN STANDARDS			
DESCRIPTION	DESIGN STANDARD	AERONAUTICAL STUDY NUMBER	FAA APPROVAL
		NONE	

**AIRPORT SPONSOR APPROVAL**

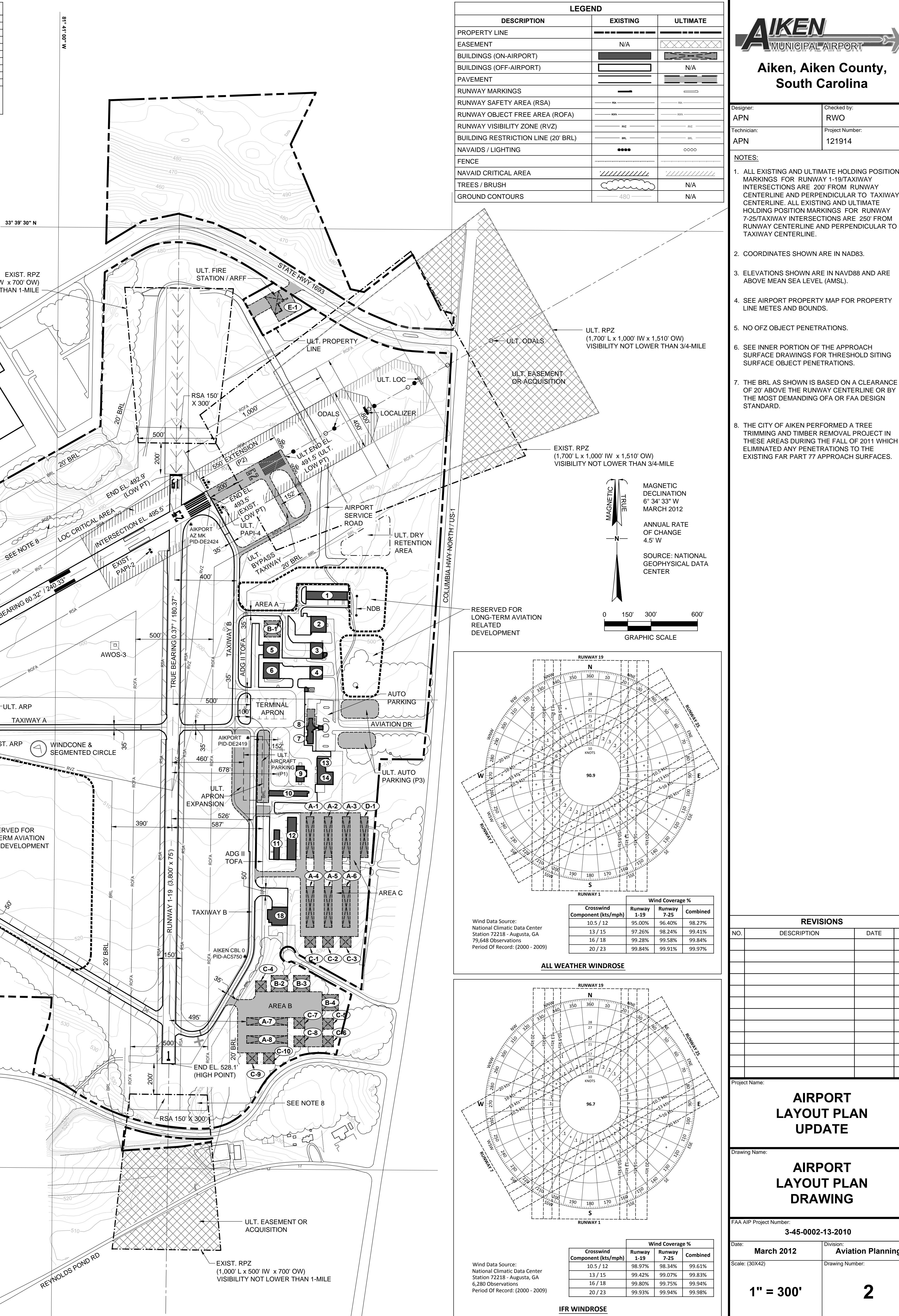
THIS AIRPORT DRAWING IS APPROVED BY:

(SIGNATURE) DATE:

NAME: TITLE:

**CONSTRUCTION NOTICE REQUIREMENT**

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.

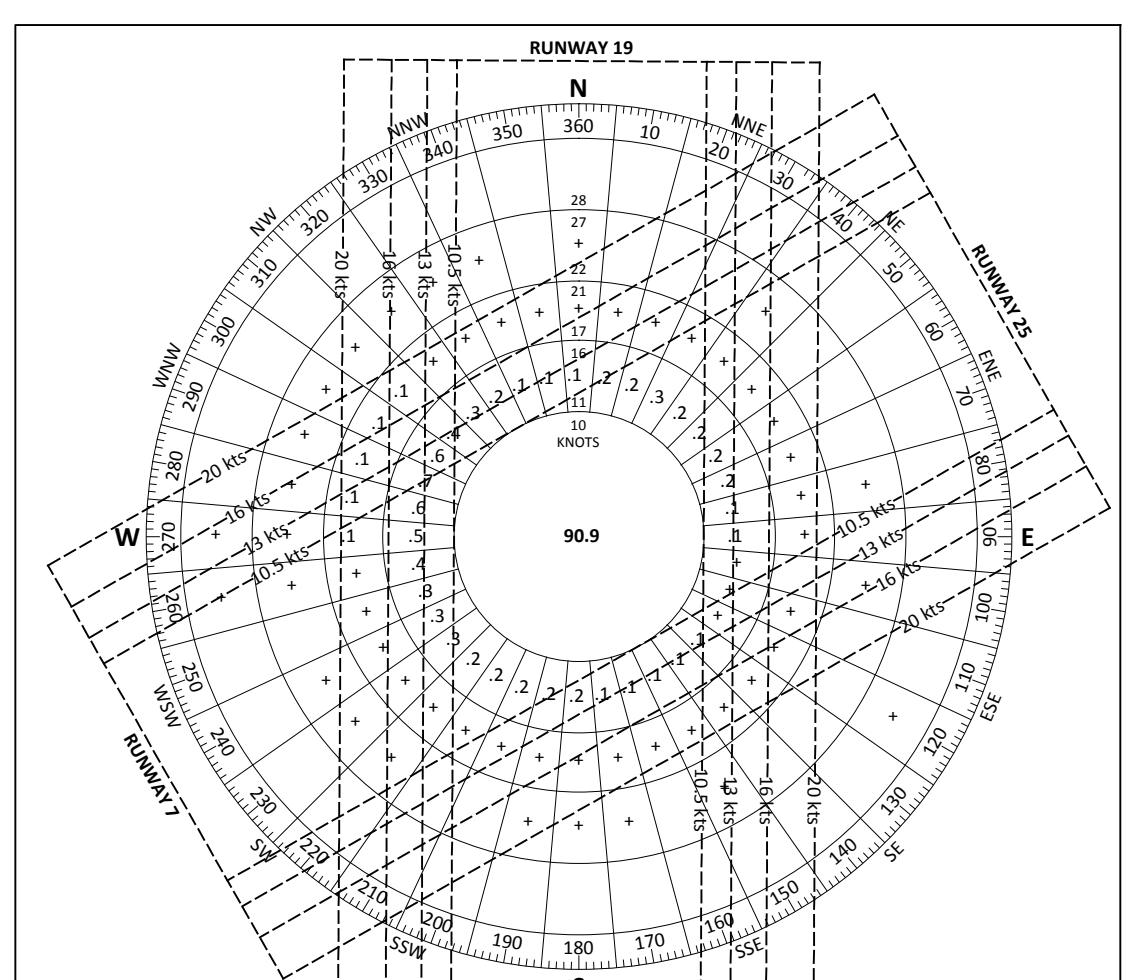
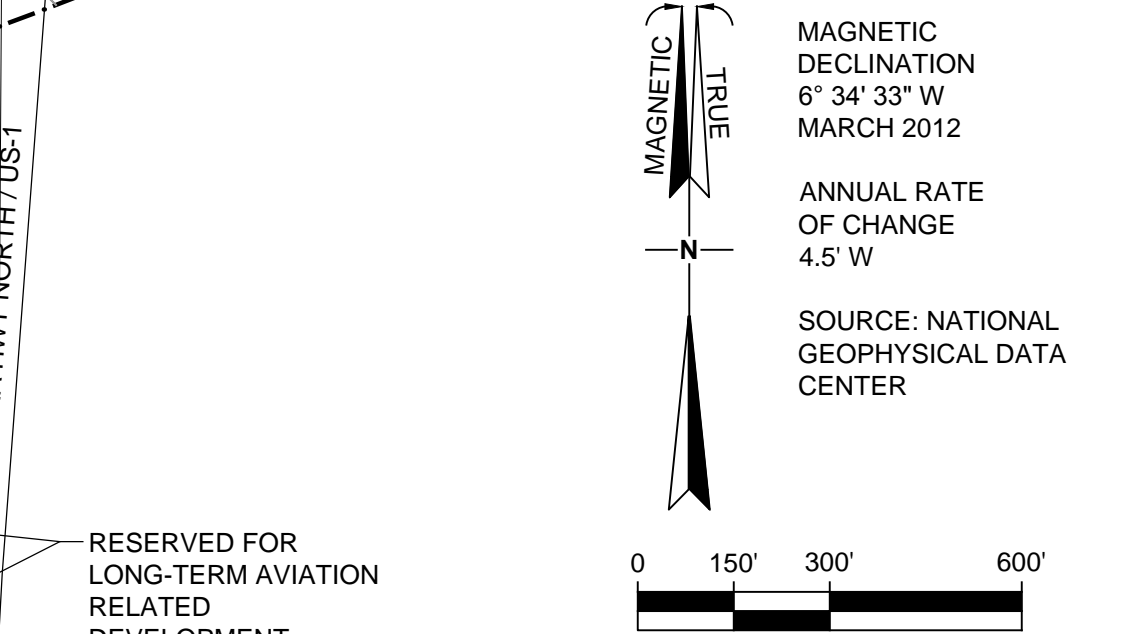


LEGEND		
DESCRIPTION	EXISTING	ULTIMATE
PROPERTY LINE	---	---
EASEMENT	---	---
BUILDINGS (ON-AIRPORT)	█	█
BUILDINGS (OFF-AIRPORT)	█	N/A
PAVEMENT	---	---
RUNWAY MARKINGS	---	---
RUNWAY SAFETY AREA (RSA)	---	---
RUNWAY OBJECT FREE AREA (ROFA)	---	---
RUNWAY VISIBILITY ZONE (RVZ)	---	---
BUILDING RESTRICTION LINE (20' BRL)	---	---
NAVAIDS / LIGHTING	---	---
FENCE	---	---
NAVAID CRITICAL AREA	---	---
TREES / BRUSH	---	N/A
GROUND CONTOURS	---	N/A

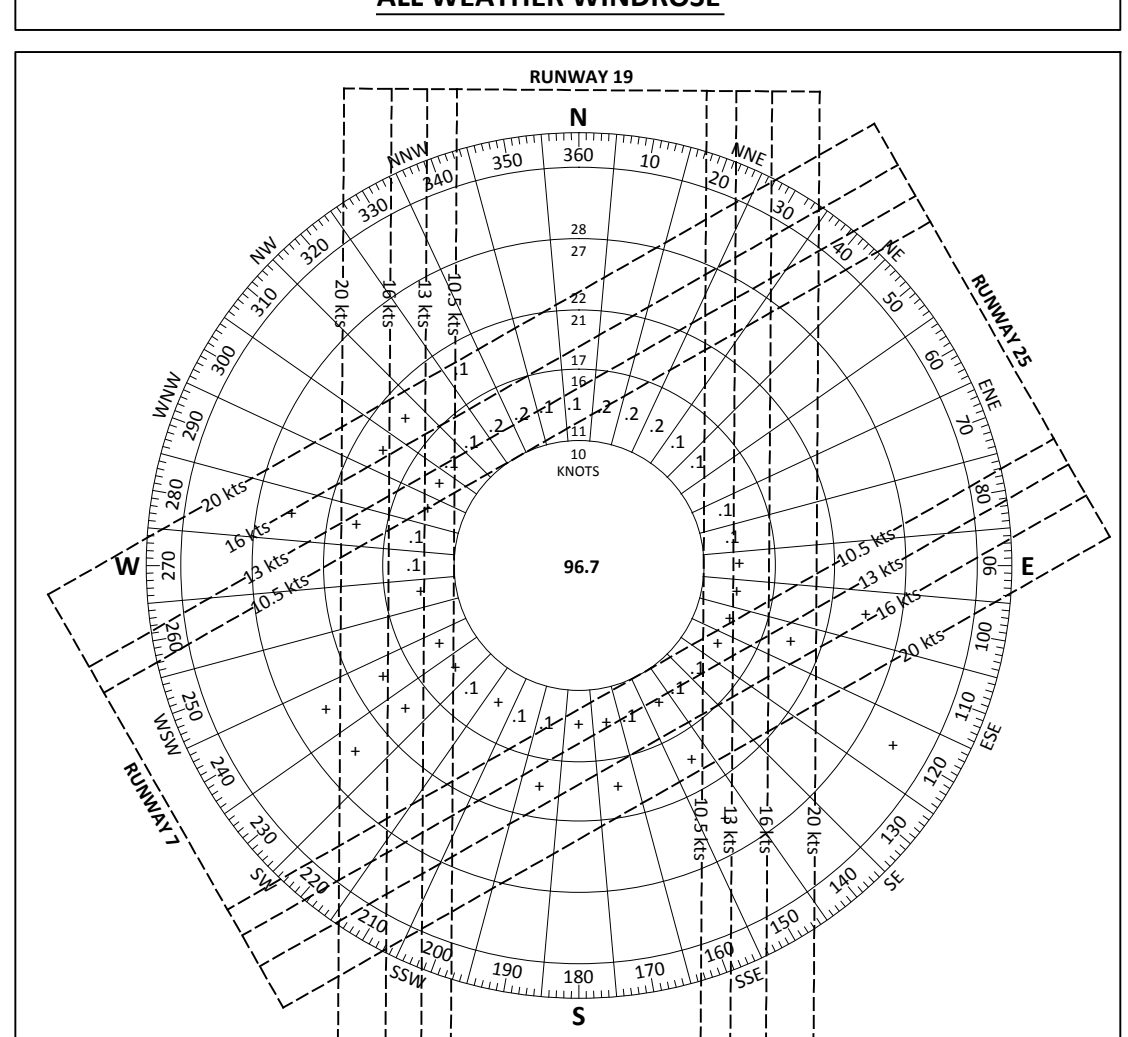
**AIKEN MUNICIPAL AIRPORT**  
Aiken, Aiken County, South Carolina

Designer: APN  
Checked by: RWO  
Project Number: 121914

- NOTES:**
- ALL EXISTING AND ULTIMATE HOLDING POSITION MARKINGS FOR RUNWAY 1-19/TAXIWAY INTERSECTIONS ARE 200' FROM RUNWAY CENTERLINE AND PERPENDICULAR TO TAXIWAY CENTERLINE. ALL EXISTING AND ULTIMATE HOLDING POSITION MARKINGS FOR RUNWAY 7-25/TAXIWAY INTERSECTIONS ARE 250' FROM RUNWAY CENTERLINE AND PERPENDICULAR TO TAXIWAY CENTERLINE.
  - COORDINATES SHOWN ARE IN NAD83.
  - ELEVATIONS SHOWN ARE IN NAVD88 AND ARE ABOVE MEAN SEA LEVEL (AMSL).
  - SEE AIRPORT PROPERTY MAP FOR PROPERTY LINE METES AND BOUNDS.
  - NO OFZ OBJECT PENETRATIONS.
  - SEE INNER PORTION OF THE APPROACH SURFACE DRAWINGS FOR THRESHOLD SITING SURFACE OBJECT PENETRATIONS.
  - THE BRL AS SHOWN IS BASED ON A CLEARANCE OF 20' ABOVE THE RUNWAY CENTERLINE OR BY THE MOST DEMANDING OFA OR FAA DESIGN STANDARD.
  - THE CITY OF AIKEN PERFORMED A TREE TRIMMING AND TIMBER REMOVAL PROJECT IN THESE AREAS DURING THE FALL OF 2011 WHICH ELIMINATED ANY PENETRATIONS TO THE EXISTING FAR PART 77 APPROACH SURFACES.



Crosswind Component (kts/mph)	Wind Coverage %		
	1-15	16-25	Combined
10.5 / 12	95.00%	96.40%	98.27%
13 / 15	97.26%	98.24%	99.41%
16 / 18	99.28%	99.58%	99.84%
20 / 23	99.84%	99.91%	99.97%



Crosswind Component (kts/mph)	Wind Coverage %		
	1-15	16-25	Combined
10.5 / 12	98.97%	98.34%	99.61%
13 / 15	99.42%	99.07%	99.83%
16 / 18	99.80%	99.75%	99.94%
20 / 23	99.93%	99.94%	99.98%

REVISIONS			
NO.	DESCRIPTION	DATE	BY

**AIRPORT LAYOUT PLAN UPDATE**

**AIRPORT LAYOUT PLAN DRAWING**

FAA AIP Project Number: 3-45-0002-13-2010

Date: March 2012 Division: Aviation Planning

Scale: (30"x42") Drawing Number:

1" = 300' 2

Y:\Planning\Aiken\AikenALP Update\Drawings\AIP Set\02-AIK-ALP.dwg Modified: Jul 26, 2012 - 3:33pm Plotted: Jul 27, 2012 - 9:14am apazak@knc.com