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TAXIWAY DISTANCES			
	DISTANCE		
TO RUNWAY CENTERLINE	240'		
TO AIRCRAFT PARKING	135'		
TO PARALLEL TAXIWAYS	N/A		

	DEVELOPM	ENT STAGES	
EXISTING PAVEMENT	STAGE ONE 0-5 YEARS	STAGE TWO 6-10 YEARS	STAGE THREE 11-20 YEARS

LEGEND		
DESCRIPTION	EXISTING	ULTIMATE
GROUND CONTOURS		N/A
AIRPORT PROPERTY LINES	~	-
BUILDINGS (NON-AIRPORT)		SAME
BUILDINGS (AIRPORT)		
RUNWAY PROTECTION ZONE (RPZ)		
RUNWAY END IDENTIFICATION LIGHT (REIL)		•
ROTATING BEACON	*	*
TREE LINE		N/A
FENCE LINE		N/A
PAVED ROAD		======
AIRPORT REFERENCE POINT (ARP)	Φ	•
RUNWAY SAFETY AREA AND OBJECT FREE AREA		
FENCE	xxx	N/A

Approved By:
South Carolina Aeronautics Commission
Date:
Signature:

	RUNWAY ELEVATIONS (MSL)				
	EXISTING ELEVATION DATA ULTIMATE ELEVATION DATA				
RUNWAY END	R/W 07	R/W 25	R/W 07	R/W 25	
DISPLACED THRESHOLD	N/A	N/A	N/A	N/A	
R/W INTERSECTION	N/A	N/A	N/A	N/A	
R/W HIGH AND LOW POINTS	10.1'/8.0'	9.3'/8.0'	10.1'/8.0'	9.3'/8.9'	
TOUCHDOWN ZONE ELEV.	10.1'	9.3	10.1'	9.3'	

	WETLANDS LEGEND
RUNWAY RUNWAY RUNWAY	OCRM CRITICAL AREAS
ZONE	FRESHWATER WETLAND
C200'	ISOLATED FRESHWATER WETLAND AREAS

RUNWAY PROTECTION ZONE DATA								
RUNWAY END	APPROAC	CH SLOPE	EXISTING	RPZ DIME	ENSIONS	ULTIMAT	E RPZ DIM	ENSIONS
NONWAT LIND	EXISTING	ULTIMATE	Α	В	С	Α	В	С
RUNWAY 7	20:1	34:1	250'	450'	1,000'	500'	700'	1,000'
RUNWAY 25	20:1	34:1	250'	450'	1,000'	500'	700'	1,000'
	•	<u> </u>	<u> </u>					<u> </u>

RUNWAY END DATA						
RUNWAY END		EXISTING END [DATA	ι	JLTIMATE END D	4TA
	ELEVATION	LATITUDE	LONGITUDE	ELEVATION	LATITUDE	LONGITUDE
RUNWAY 7	10.1'	32°24'35.37" N	80°38'21.13" W	10.1'	SAME	SAME
RUNWAY 25	8.3'	32°24'52.15" N	80°37'46.30" W	7.77'	32°24'56.87" N	80°37'36.50"W
•						

RUNWAY DATA					
	RUNWAY 07-25				
	EXIS	TING	ULTI	MATE	
% EFFECTIVE GRADIENT	0.10	0%	0.1	0%	
% WIND COVERAGE - 13 KNOTS (ALL WEATHER)	97.8	1%	97.8	31%	
MAXIMUM ELEVATION ABOVE MSL	10)'	1	0'	
RUNWAY LENGTH	3,43	34'	4,4	00'	
RUNWAY WIDTH	75	5'	75'		
RUNWAY SURFACE TYPE	ASPHALT		ASPHALT		
RUNWAY STRENGTH	50,000 LE	BS DWG	50,000 LBS DWG		
RUNWAY	07	25	07	25	
PART 77 APPROACH CATEGORY	A / NON-PRECISION	A / NON-PRECISION	С	С	
APPROACH VISIBILITY MINIMUMS	1 MILE	1 MILE	1 MILE	1 MILE	
TYPE INSTRUMENT APPROACH	RNAV/LNAV	RNAV/LNAV/LPV	RNAV/LNAV	RNAV/LNAV/LPV	
APPROACH SLOPE	20:1	20:1	34:1	34:1	
RUNWAY LIGHTING	MIRL	MIRL	MIRL	MIRL	
RUNWAY MARKING	NON-PRECISION	NON-PRECISION	NON-PRECISION	NON-PRECISION	
NAVAIDS & VISUAL AIDS	REIL/PAPI	REIL/PAPI	REIL/PAPI	REIL/PAPI	
RUNWAY SAFETY AREA	3,689'X150'	3,689'X150'	5,000'X150'	5,000'X150'	
RUNWAY OBJECT FREE AREA	4,034'X500'	4,034'X500'	5,000'X500'	5,000'X500'	
DECLARED DISTANCES	N/A	N/A	N/A	N/A	

AIRPORT DATA				
SPONSOR	BEAUFORT COUNT	Υ		
CITY	CITY OF BEAUFOR	T		
COUNTY	BEAUFORT			
STATE	SOUTH CAROLINA			
AIRPORT IDENTIFIER	KARW			
GPS AT AIRPORT	RWY 25 / RWY 7			
MEAN MAXIMUM TEMPERATURE	90° F			
FAA NPIAS SERVICE LEVEL	GA			
FAA ASSET CATEGORY	LOCAL			
SOUTH CAROLINA STATE CLASSIFICATION	SC - III			
AIRPORT ELEVATION	9.0'			
	EXISTING	ULTIMATE		
AIRPORT REFERENCE POINT LAT.	32°24'43.80" N	32°24'46.12" N		
(ARP) DATA (NAD 83) LONG.	80°38'03.68" W	80°37'58.88" W		
AIRPORT NAVAIDS	LPV, BEACON, AWOS III P/T	LPV, BEACON, AWOS III P/T		
AIRPORT REFERENCE CODE (ARC)	B-II	B-II		
CRITICAL AIRCRAFT	C-90	CESSNA CITATION EXCEL		

97.81 % 97.	
N 350 360 10 20 30 30 30 30 30 30 30 30 30 30 30 30 30	

WIND DATA SOURCE:

BEAUFORT MCAS, SC PERIOD: 1998 - 2008
WEATHER BASED ON 72,867 OBSERVATIONS

ALL WEATHER WIND COVERAGE						
CROSSWIND COMPONENT	RUNWAY 07	RUNWAY 25	TOTAL			
10.5 KNOTS	58.26%	56.94%	95.37%			
13 KNOTS	59.63%	58.01%	97.81%			
16 KNOTS	60.66%	58.84%	99.65%			
	IFR					
10.5 KNOTS	73.20%	28.22%	92.85%			
13 KNOTS	76.08%	29.20%	96.70%			
16 KNOTS	77.72%	29.98%	99.13%			

								,	
REVISIONS:								APPROVALS:	
REV. NO.	DATE	DESCRIPTION OF REVISION	0	300	600	900	1200		
-								TITLE	DATE
			DESIGNED	BY AG		DATE	01/21/2011	TITLE	DATE
				·		e.			
			DRAWN BY	AG		DATE	01/21/2011	TITLE	DATE
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								11166	DATE



PLANS PREPARED F	OR	
BEAUFORT COUNTY	'AIRPORT	AIRPORT LAYOUT PLAN
BEAUFORT COU LADY'S ISLAND		AIRT ORT EXTOST LAT
. (CLIENT) PROJECT	NO. (WSA)	

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