

AIRPORT DATA TABLE			
DESCRIPTION	EXISTING	INTERIM	ULTIMATE
FAA AIRPORT IDENTIFIER		3J0	
AIRPORT REFERENCE CODE	Runway 11/29	Runway 12/30	
AIRPORT REFERENCE CODE	A-I Small	A-I Small	B-II
AIRPORT ELEVATION	112.12' MSL	112.12' MSL	112.63' MSL
AIRPORT REFERENCE POINT (LAT/LONG)	32°51'59.44"N 081°04'51.49"W	32°51'59.90"N 081°04'52.98"W	32°51'58.63"N 081°04'48.85"W
MEAN MAX TEMPERATURE (JULY)	92.8°F	92.8°F	92.8°F
MAGNETIC DECLINATION	7° 20' W (2021)	0° 3' W per year	0° 3' W per year
CRITICAL AIRCRAFT	Cessna C-172	Cessna C-172	Pilatus PC-12
AIRPORT & TERMINAL NAVAIDS	LIGHTED WIND CONE	GPS, LIGHTED WIND CONE, PAPI, BEACON, REIL, SEG. CIRCLE	GPS, LIGHTED WIND CONE, PAPI, BEACON, REIL, SEG. CIRCLE
STATE SERVICE ROLE	SCIV RECREATION/LOCAL	SCII BUSINESS/RECREATION	SCII BUSINESS/RECREATION
NPIAS SERVICE LEVEL	NON-NPIAS	NON-PRIMARY BASIC	NON-PRIMARY LOCAL

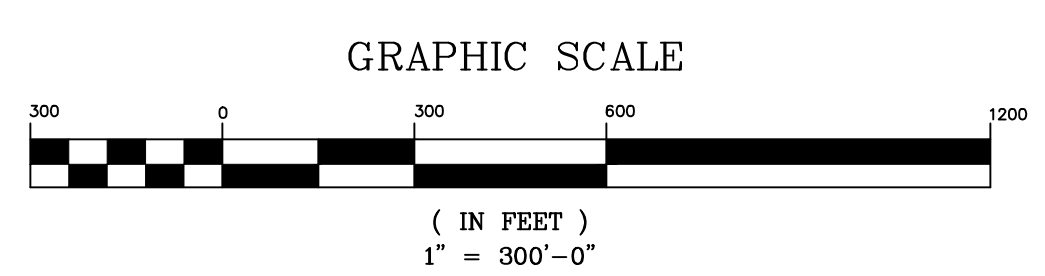
RUNWAY DATA TABLE						
DESCRIPTION	EXISTING		INTERIM		ULTIMATE	
	Runway 11/29	Runway 12/30	Runway 12/30	Runway 12/30	Runway 12/30	Runway 30
RUNWAY LENGTH	3,601'	4,250'	4,250'	4,250'	5,000'	5,000'
RUNWAY WIDTH	60'	60'	60'	60'	75'	75'
EFFECTIVE GRADIENT	0.135%	0.135%	0.135%	0.135%	0.135%	0.135%
RUNWAY SURFACE TYPE	ASPHALT	ASPHALT	ASPHALT	ASPHALT	ASPHALT	ASPHALT
RUNWAY CONDITION	FAIR	EXCELLENT	EXCELLENT	EXCELLENT	GOOD	GOOD
PAVEMENT LOADING	8,000 LB SWL - UTILITY	8,000 LB SWL - UTILITY	8,000 LB SWL - UTILITY	8,000 LB SWL - UTILITY	12,500 LB SWL	12,500 LB SWL
RUNWAY DESIGN CODE	A-I-VIS	A-I-5000	A-I-5000	A-I-5000	B-II-5000	B-II-5000
RUNWAY REFERENCE CODE	A-I-VIS	A-I-5000	A-I-5000	A-I-5000	B-II-5000	B-II-5000
RUNWAY LIGHTING	NONE	NON-STANDARD - SOLAR <sup>1</sup>	NON-STANDARD - SOLAR <sup>1</sup>	NON-STANDARD - SOLAR <sup>1</sup>	MIRL	MIRL
RUNWAY MARKING	VISUAL	NON-PRECISION	NON-PRECISION	NON-PRECISION	NON-PRECISION	NON-PRECISION
TORA	3,601'	3,601'	4,250'	4,250'	5,000'	5,000'
TODA	3,601'	3,601'	4,250'	4,250'	5,000'	5,000'
ASDA	3,461'	3,491'	4,250'	4,250'	5,000'	5,000'
LDA	3,461'	3,491'	4,250'	4,250'	5,000'	5,000'
RUNWAY END COORDINATES	32°52'05.57"N 081°05'11.31"W	32°51'53.31"N 081°04'31.67"W	32°52'07.10"N 081°05'16.40"W	32°51'52.68"N 081°04'29.56"W	32°52'07.10"N 081°05'16.36"W	32°51'50.26"N 081°04'21.24"W
RUNWAY END ELEVATION	106.5'	111.36'	105.88'	111.62'	105.88'	112.63'
TOUCHDOWN ZONE ELEVATION	112.06'	112.12'	112.06'	112.12'	112.06'	112.63'
APPROACH TYPE	VISUAL	VISUAL	RNAV(GPS)	RNAV(GPS)	RNAV(GPS)	RNAV(GPS)
FAR PART 77 CATEGORY	A(V)	A(V)	A(NP)	A(NP)	C	C
APPROACH VISIBILITY MINIMUMS	VISUAL	VISUAL	1 MILE	1 MILE	1 MILE	1 MILE
APPROACH SLOPE (TERPS) <sup>2</sup>	20:1	20:1	20:1	20:1	20:1	20:1
APPROACH SLOPE (PART 77)	20:1	20:1	20:1	20:1	34:1	34:1

RUNWAY DATA TABLE NOTES:  
 1. BPBSL-101 WHITE SOLAR POWERED LED RUNWAY LIGHTING, BPBSL-101 GREEN SOLAR POWERED LED THRESHOLD LIGHTING  
 2. FOR APPROACH SLOPE OBSTRUCTIONS SEE INNER APPROACH SURFACE SHEETS

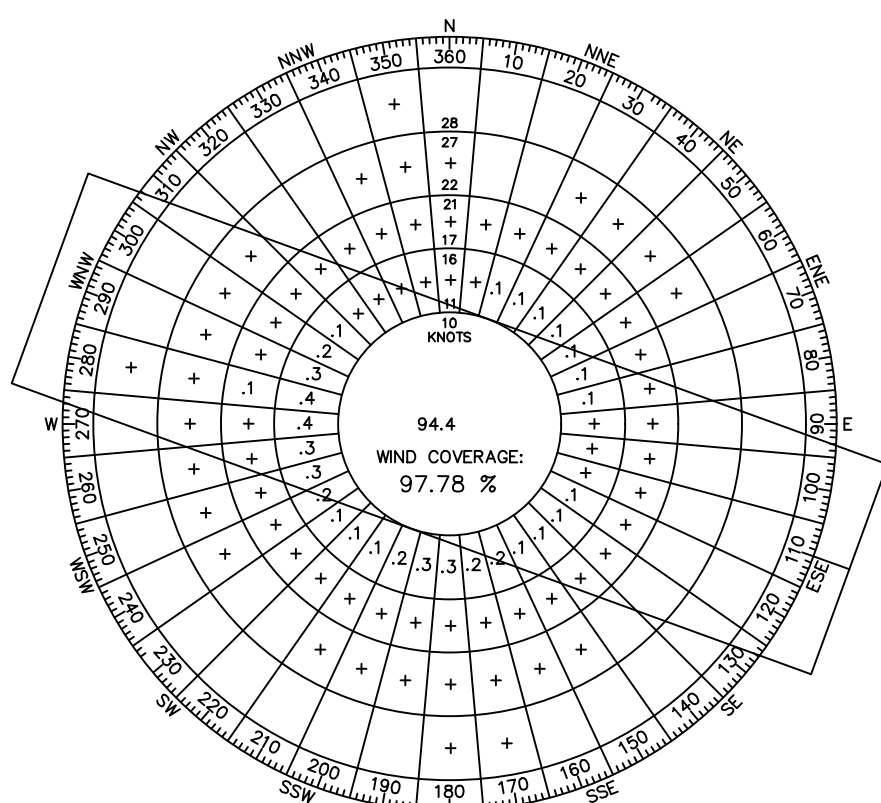
RUNWAY DATA TABLE						
DESCRIPTION	Runway 11	Runway 12	Runway 29	Runway 30	Runway 11	Runway 12
	EXISTING	INTERIM	ULTIMATE	EXISTING	INTERIM	ULTIMATE
RUNWAY OBJECT FREE AREA (ROFA)						
LENGTH BEYOND DEPARTURE END	190'	240'	300'	240'	240'	300'
LENGTH PRIOR TO THRESHOLD	240'	240'	300'	190'	240'	300'
WIDTH	250'	250'	500'	250'	250'	500'
RUNWAY OBSTACLE FREE ZONE (ROFZ)						
LENGTH BEYOND RUNWAY END	200'	200'	200'	190'	200'	200'
WIDTH	250'	250'	250'	250'	250'	250'
RUNWAY SAFETY AREA (RSA)						
LENGTH BEYOND DEPARTURE END	100'	240'	300'	130'	240'	300'
LENGTH PRIOR TO THRESHOLD	130'	240'	300'	100'	240'	300'
WIDTH	120'	120'	150'	120'	120'	150'
RUNWAY PROTECTION ZONE (RPZ)						
LENGTH	310'	1000'	1000'	190'	1000'	1000'
WIDTH INNER	250'	250'	500'	250'	250'	500'
WIDTH OUTER	300'	450'	700'	290'	450'	700'

TAXIWAY/TAXILANE DATA TABLE													
DESCRIPTION	EXISTING						INTERIM						
	A	A1	A2	A3	A4	A5	A	A1	A2	A3	A4	A5	A6
AIRPLANE DESIGN GROUP	I						I						
TAXIWAY NAME	A	A1	A2	A3	A4	A5	A	A1	A2	A3	A4	A5	A6
TAXIWAY DESIGN GROUP	TDG-1A, 1B						TDG-1B						
TAXIWAY/TAXILANE WIDTH	25'	25'	29'	29'	25'	25'	25'						
TAXIWAY AND TAXILANE SAFETY AREA	49'						79'						
TAXIWAY/TAXILANE OBJECT FREE AREA	89'						124'						
TAXIWAY TO OBJECT	44.5'						62'						
TAXILANE TO OBJECT	39.5'						55'						
TAXIWAY LIGHTING	NONE						NON-STANDARD - SOLAR <sup>2</sup>						
<b>ULTIMATE</b>													
AIRPLANE DESIGN GROUP	II						III						
TAXIWAY NAME	A	A1	A2	A3	A4	A5	A5	A6	A7	B	B1	B2	
TAXIWAY DESIGN GROUP	TDG-1B						TDB-2B						
TAXIWAY WIDTH	25'						35'						
TAXIWAY/TAXILANE SAFETY AREA	79'						118'						
TAXIWAY/TAXILANE OBJECT FREE AREA	124'						171'						
TAXIWAY TO OBJECT	62'						85.5'						
TAXILANE TO OBJECT	55'						79'						
TAXIWAY LIGHTING	MITL												

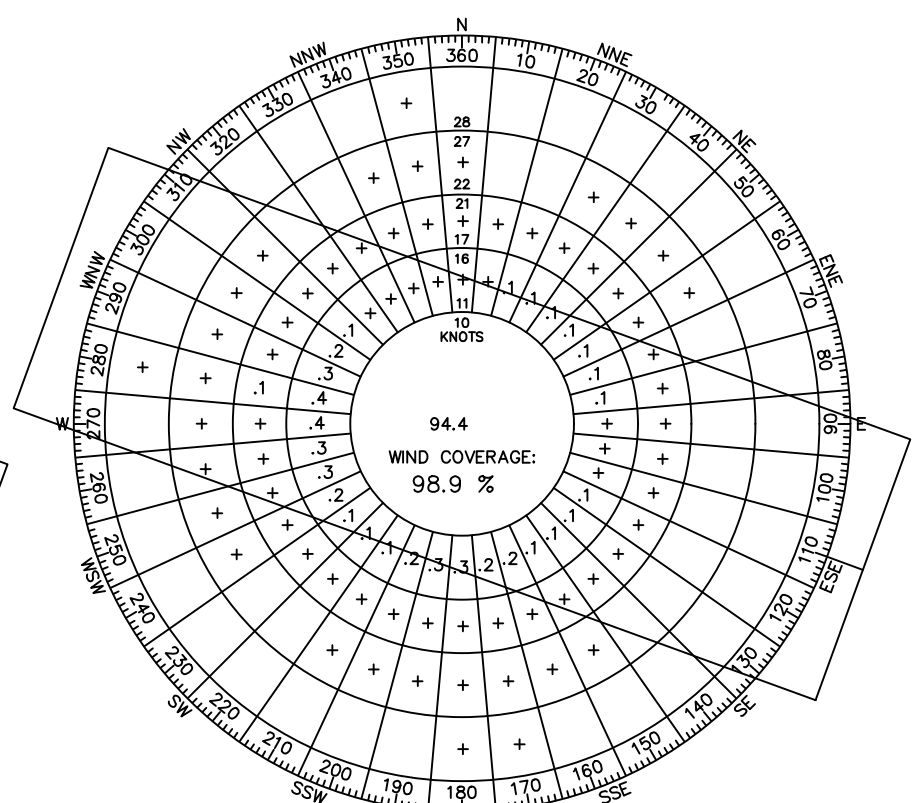
TAXIWAY DATA TABLE NOTES:  
 1. ACUTE TAXIWAYS TO BE REMOVED  
 2. BPBSL-101 GREEN SOLAR POWERED LED THRESHOLD LIGHTING



**ALL WEATHER CONDITIONS**



**IFR CONDITIONS**



WIND COVERAGE DATA		
	12 MPH/10.5 KTS	15 MPH/13 KTS
RW 11-29	97.78%	98.90%
RW 12-30	97.66%	98.88%

WIND DATA SOURCE: NATIONAL CENTERS FOR ENVIRONMENTAL INFORMATION, NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, LOWCOUNTRY REGIONAL AIRPORT (RWB), 2010-2020; FAA AIRPORTS GIS WIND ROSE TOOL, 2021

**LEGEND**

EXISTING	ULTIMATE	DESCRIPTION
[Symbol]	[Symbol]	PAVEMENT
[Symbol]	[Symbol]	BUILDINGS
[Symbol]	[Symbol]	DEMOLITION
[Symbol]	[Symbol]	PROPERTY LINE
[Symbol]	[Symbol]	RUNWAY SAFETY AREA
[Symbol]	[Symbol]	RUNWAY OBJECT FREE AREA
[Symbol]	[Symbol]	RUNWAY OBJECT FREE ZONE
[Symbol]	[Symbol]	TAXIWAY OBJECT FREE AREA
[Symbol]	[Symbol]	TAXIWAY SAFETY AREA
[Symbol]	[Symbol]	EXTENDED RUNWAY CENTERLINE
[Symbol]	[Symbol]	PROPOSED BUILDING RESTRICTION LINE
[Symbol]	[Symbol]	AIRPORT REFERENCE POINT (ARP)
[Symbol]	[Symbol]	PROPOSED ELECTRICAL VAULT
[Symbol]	[Symbol]	WINDCONE
[Symbol]	[Symbol]	PROPOSED SEGMENTED CIRCLE
[Symbol]	[Symbol]	PROPOSED BEACON
[Symbol]	[Symbol]	PROPOSED LIGHTS
[Symbol]	[Symbol]	EXISTING 8' FENCE
[Symbol]	[Symbol]	ULTIMATE 8' FENCE

SPONSOR APPROVAL BLOCK			
NAME	TITLE	DATE	SIGNED

SCAC APPROVAL BLOCK			
NAME	TITLE	DATE	SIGNED

**MAESA WYR**  
 (maze-hour), n. Welsh, meaning airport

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ISSUE DATE: Original July 2022

Designed by: OK  
 Drafted by: VKB  
 Verified by: AJH

**HAMPTON COUNTY AIRPORT**

VARNVILLE, SOUTH CAROLINA  
 SCAC GRANT NUMBER 20-010  
 MAESA WYR PROJECT NUMBER MA.3.0.1014  
 SCALE: 1" = 300'

**AIRPORT LAYOUT DRAWING**

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