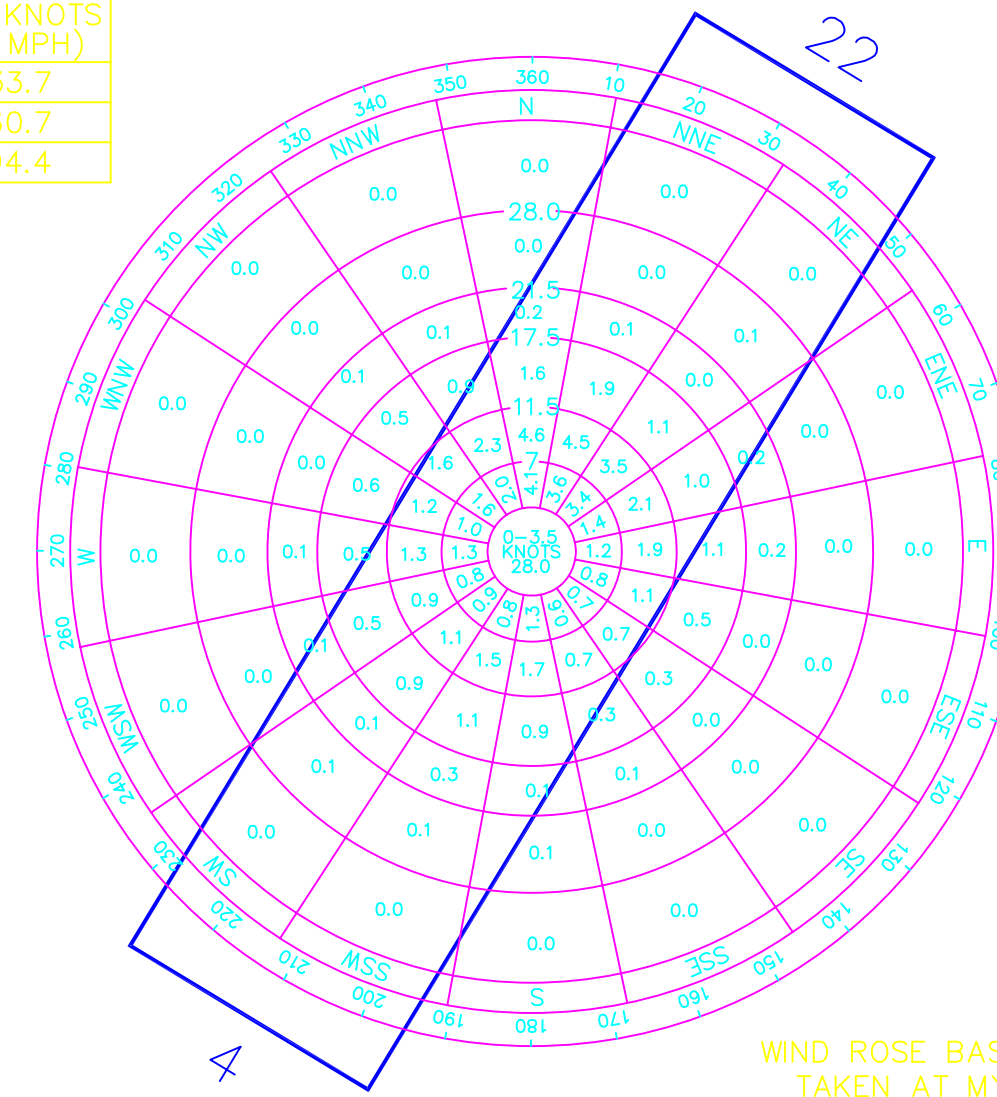


IFR WIND ROSE

ALL WEATHER WIND ROSE

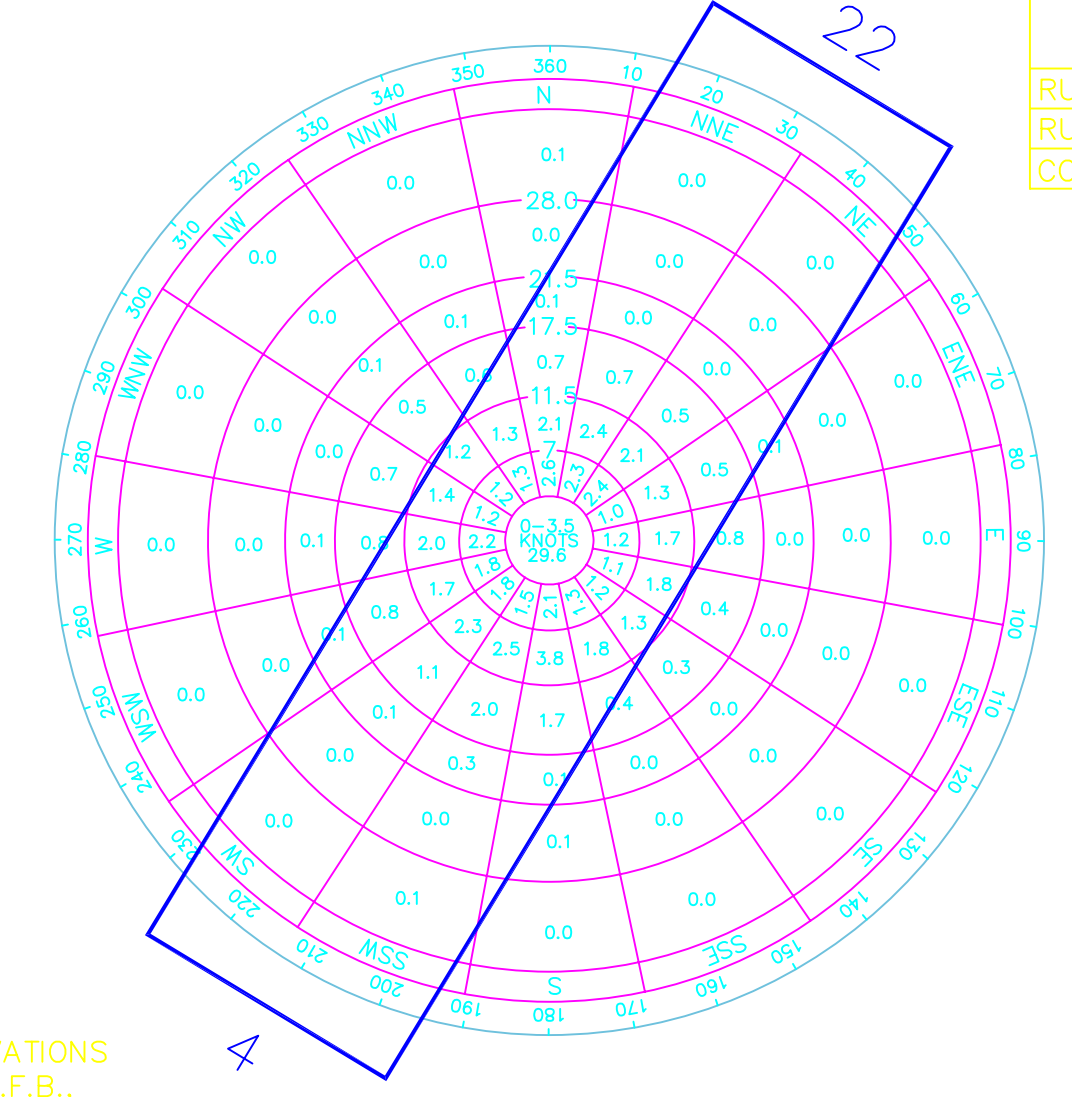
WIND COVERAGE

	10.5 KNOTS (12 MPH)
RUNWAY 22	33.7
RUNWAY 4	60.7
COMBINED	94.4

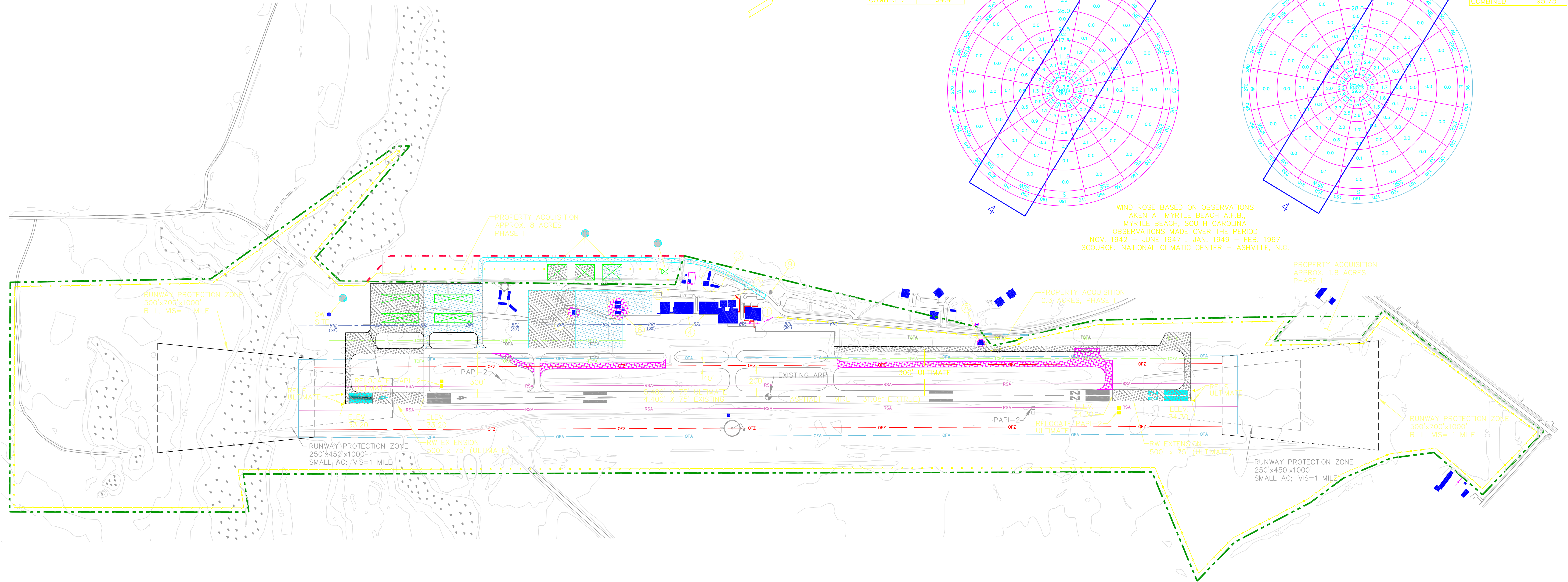


WIND COVERAGE

	10.5 KNOTS (12 MPH)
RUNWAY 22	51.3
RUNWAY 4	44.45
COMBINED	95.75



WIND ROSE BASED ON OBSERVATIONS TAKEN AT MYRTLE BEACH A.F.B., MYRTLE BEACH, SOUTH CAROLINA OBSERVATIONS MADE OVER THE PERIOD NOV. 1942 - JUNE 1947 ; JAN. 1949 - FEB. 1967 SOURCE: NATIONAL CLIMATIC CENTER - ASHVILLE, N.C.



FAA DISCLAIMER
 "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.

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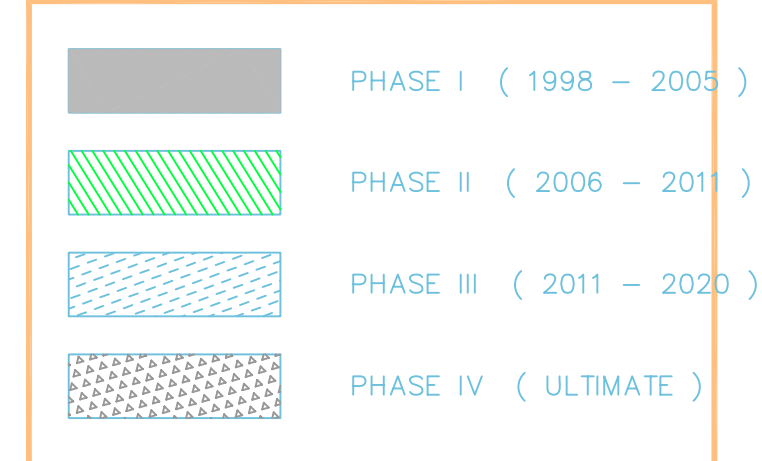
FAA PROJECT NO. 3-45-0044-07

- NOTES
- WHEN AIRPORT REFERENCE CODE CHANGES FROM B-I TO B-II, A MODIFICATION TO STANDARDS SHOULD BE REQUESTED FOR THE RUNWAY-TAXIWAY SEPARATION OF 200' VERSUS THE 240' STANDARD.

AIRPORT DATA		
DESCRIPTION	EXISTING	FUTURE
AIRPORT REFERENCE CODE	B-I	B-II
CRITICAL AIRCRAFT	KINGAIR 100	CITATION II
AIRPORT ELEVATION - MSL	34'	34'
AIRPORT REFERENCE POINT (ARP)	33° 49' 42.60" N 79° 07' 19.80" W	SAME
MEAN MAX. DAILY TEMPERATURE	89°	SAME
AIRPORT VISUAL NAVAIDS	ROTATING BEACON, WIND SOCK, SEGMENTED CIRCLE,	SAME
NPIAS SERVICE LEVEL	GENERAL AVIATION	SAME
TAXIWAY LIGHTING	LITL	MITL
TAXIWAY MARKING	YES	SAME
AIRPORT MAGNETIC VARIATION	7° 46' W, (OCT. 2001)	-5'/YR.

EXISTING FACILITIES INDEX	
NO.	DESCRIPTION
1	NAIA ADMINISTRATIVE BUILDING
2	NAIA TERMINAL
3	NAIA CLASS ROOMS
4	AIRCRAFT MAINTENANCE STORAGE HANGAR
5	AIRCRAFT MAINTENANCE REPAIR
6	CANOPY
7	FUEL TANKS
8	T-HANGAR
9	NON-DIRECTIONAL BEACON (NDB)

FUTURE BUILDING INDEX	
NO.	DESCRIPTION
1	CONVENTIONAL HANGARS
2	FUEL TANKS
3	FUTURE NON-DIRECTIONAL BEACON



	RUNWAY 04		RUNWAY 22	
	EXISTING	FUTURE	EXISTING	FUTURE
PAVEMENT TYPE	ASPHALT	SAME	ASPHALT	SAME
PAVEMENT STRENGTH (LBS)	S=30,000, D=40,000	SAME	S=30,000, D=40,000	SAME
FAR PART 77 APPROACH SLOPES	20:1	SAME	20:1	SAME
FAR PART 77 APPROACH TRAPEZOID	500' X 10,000' X 3,500'	SAME	500' X 10,000' X 3,500'	SAME
RUNWAY LIGHTING	MIRL	SAME	MIRL	SAME
RUNWAY MARKING	NON-PRECISION	SAME	NON-PRECISION	SAME
RUNWAY DIMENSIONS	4,400 X 75	5,400 X 75	4,400 X 75	5,400 X 75
GRADIENT (%)	0.07	SAME	0.07	SAME
R/W END LATITUDE	33° 49' 24.05" N	33° 49' 19.87" N	33° 50' 01.04" N	33° 50' 05.26" N
R/W END LONGITUDE	79° 07' 33.59" W	79° 07' 36.67" W	79° 07' 06.09" W	79° 07' 02.91" W
END ELEVATION (MSL)	33.2'	SAME	34.3'	SAME
ELECTRONIC NAVAIDS	VOR,NDB,GPS	SAME	VOR,NDB,GPS	SAME
RSA DIMENSIONS (FEET) WIDTH, LENGTH	150 X 5,000	150 X 6,000	150 X 5,000	150 X 6,000
OFA DIMENSIONS (FEET) WIDTH, LENGTH	500 X 5,000	500 X 6,000	500 X 5,000	500 X 6,000
OFZ DIMENSIONS (FEET) WIDTH, LENGTH	400 X 4,800	400 X 5,800	400 X 4,800	400 X 5,800
VISUAL AIDS	PAPI	SAME	PAPI	SAME

LEGEND		
	EXISTING	FUTURE
RUNWAY SAFETY AREA	—RSA—RSA—RSA—	—RSA—RSA—RSA—
RUNWAY OBJECT FREE AREA	—OFA—OFA—OFA—	—OFA—OFA—OFA—
RUNWAY OBJECT FREE ZONE	—OFZ—OFZ—OFZ—	—OFZ—OFZ—OFZ—
TAXIWAY OBJECT FREE AREA	—TOFA—TOFA—TOFA—	—TOFA—TOFA—TOFA—
AIRPORT PROPERTY LINE	—PAPI—PAPI—PAPI—	—PAPI—PAPI—PAPI—
SECURITY FENCE	—X—X—X—X—	—X—X—X—X—
BUILDING RESTRICTION LINE	—BRL—BRL—BRL—	—BRL—BRL—BRL—
BUILDINGS	[Symbol]	[Symbol]
PAVEMENT EDGES	—E—E—E—E—	—E—E—E—E—
DEMOLITION/RELOCATION	[Symbol]	[Symbol]
WETLANDS	[Symbol]	[Symbol]
PAPI	[Symbol]	[Symbol]
ROTATING BEACON	[Symbol]	[Symbol]
GLIDESLOPE/LOCALIZER CRITICAL AREA	—G—G—G—G—	—G—G—G—G—
R/W END IDENTIFIER LIGHTS (REL's)	[Symbol]	[Symbol]
AIRPORT REFERENCE POINT	[Symbol]	[Symbol]
WIND CONE SEGMENTED CIRCLE	[Symbol]	[Symbol]

MODIFICATIONS TO FAA STANDARDS						
NO.	DESCRIPTION	EXISTING CONDITION	FAA STANDARD	MITIGATION	REFERENCE / COMMENT	APPROVAL DATE
1.						
2.						
3.						
4.						
5.						

SODOT - DIVISION OF AVIATION		FEDERAL AVIATION ADMINISTRATION		CONWAY-HORRY COUNTY AIRPORT	
APPROVED	DATE	APPROVED	DATE	APPROVED	DATE

NO.	REVISIONS	BY	APP.	DATE
1	FAA COMMENTS	AMT	ELB	12/9/03

AIRPORT LAYOUT PLAN

CONWAY-HORRY COUNTY AIRPORT
CONWAY, SOUTH CAROLINA

EXHIBIT
5B-1

DRAWN BY: CLB/MEB SCALE: 1" = 300'
 CHECKED BY: BJM/ELB DATE: JULY 2002

2003

HYW-ALP-D1.DWG
PS1