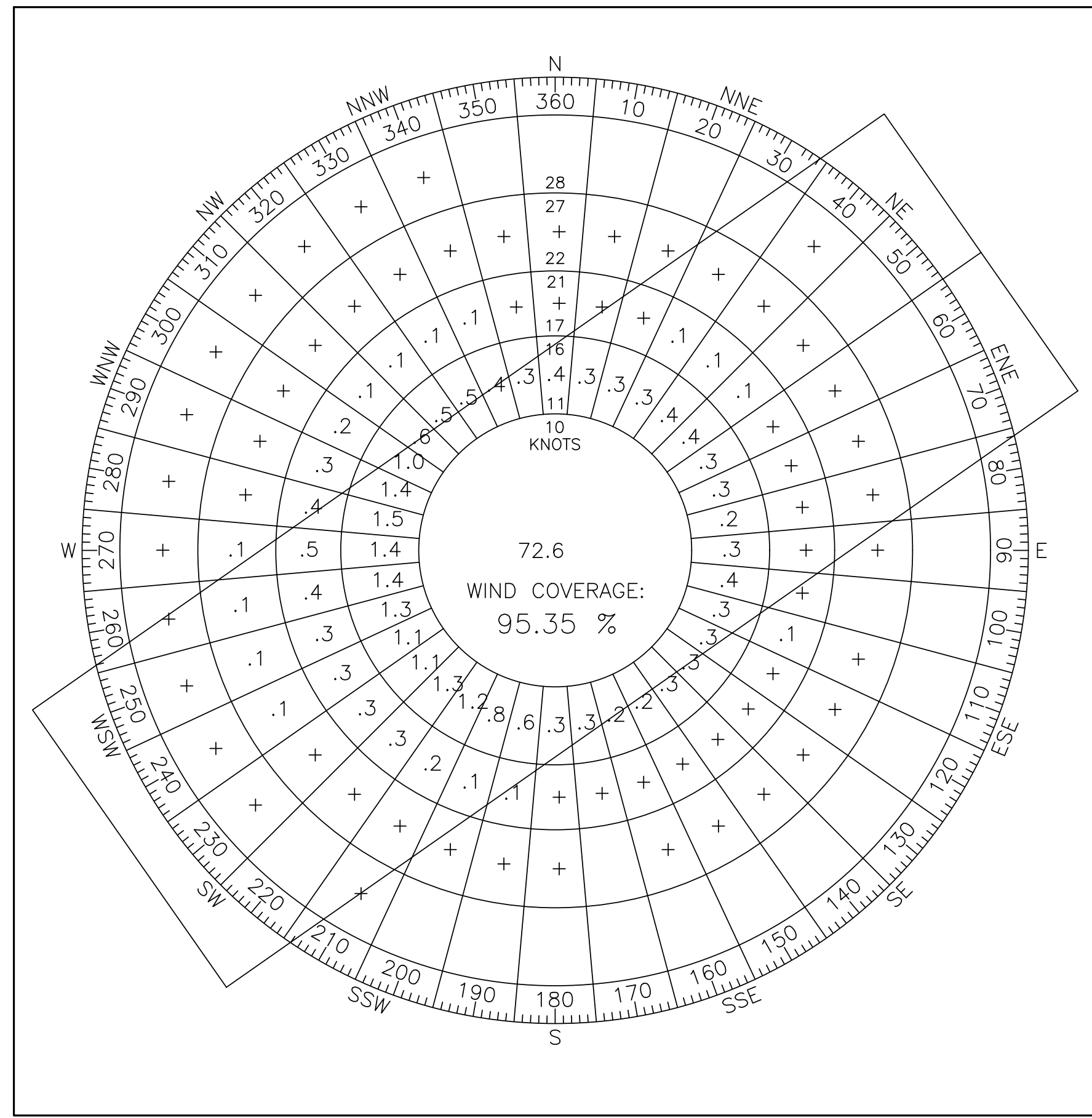


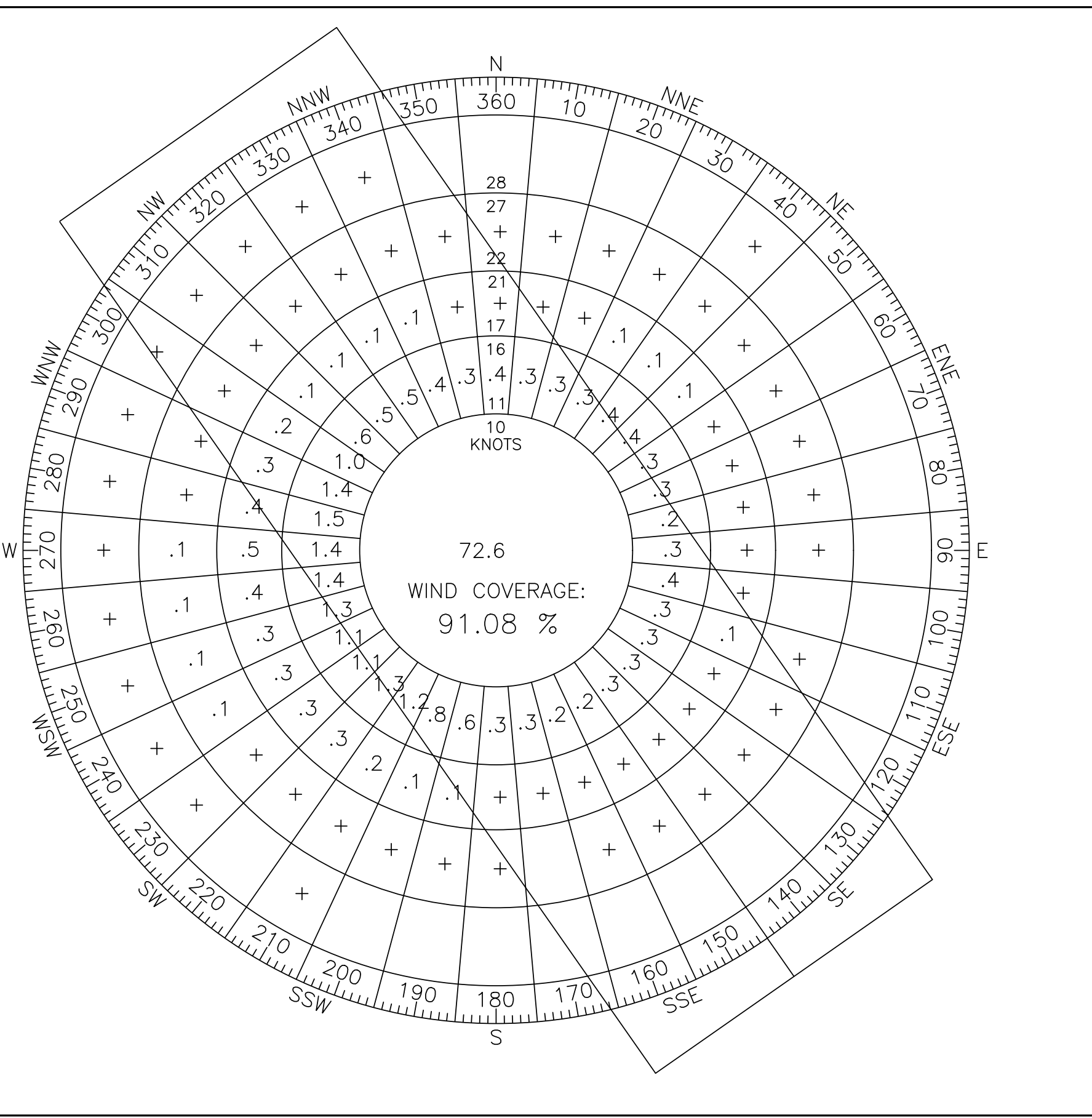
AIRPORT DATA TABLE		
AIRPORT DATA	EXISTING	FUTURE (1-20 YEARS)
AIRPORT REFERENCE CODE (ARC)	CII	CII
AIRCRAFT APPROACH CATEGORY (AAC)	CATEGORY C (121 TO < 141 KNOTS)	CATEGORY C (121 TO < 141 KNOTS)
AIRPLANE DESIGN GROUP - WINGSPAN (ADG)	GROUP II - 49' TO < 79'	GROUP II - 49' TO < 79'
AIRPLANE DESIGN GROUP - TAILHEIGHT (ADG)	GROUP II - 20' TO < 30'	GROUP II - 20' TO < 30'
MEAN MAX. TEMPERATURE (HOTTEST MONTH)	87.4° F	87.4° F
AIRPORT FIELD ELEVATION (MSL)	1,051.2	1,051.2
AIRPORT NAVAIDS AND COMMUNICATION AIDS	BEACON, NDB, CTF, SSALR	BEACON, NDB, CTF, SSALR
AIRPORT REFERENCE POINT - LATITUDE (NAD83)	N39° 50' 25.04"	N39° 50' 25.04"
AIRPORT REFERENCE POINT - LONGITUDE (NAD83)	W83° 50' 24.57"	W83° 50' 24.57"
MISCELLANEOUS FACILITIES	WIND INDICATORS; TAXIWAY LIGHTS; PAPIs; AWOS; SSALR; VOR; NDB	WIND INDICATORS; TAXIWAY LIGHTS; PAPIs; AWOS; SSALR; VOR; NDB
CRITICAL AIRCRAFT	CHALLENGER 600	CHALLENGER 600
MAGNETIC VARIATION	6° 26' W CHANGING BY 0.3' W	6° 26' W CHANGING BY 0.3' W
FAA NPAS CLASSIFICATION	GENERAL AVIATION REGIONAL	GENERAL AVIATION REGIONAL
FAA ASSET CLASSIFICATION	LEVEL 1	LEVEL 1
STATE CLASSIFICATION (SYSTEM PLAN)	LEVEL 1	LEVEL 1

FAA MODIFICATIONS TO STANDARDS			
APPLICABLE FAA STANDARD	DESCRIPTION OF FAA STANDARD MODIFIED	PROPOSED MODIFICATION	DATE APPROVED
FAA Construction Specification (AC 150/5370-10G) P-209 Crushed Aggregate Base Course	FAA requires the use of crushed aggregate base course to meet the requirements set forth in the AC 150/5370-10G P-209 Specification.	The AC permits the use of asphalt pavements meeting state DOT requirements for pavements used by aircraft weighing not more than 12,500 pounds. Due to the limited aircraft weights using Taxiways "E" and "F", the airport will use ODOT 394 specification.	5/16/2016
FAA Construction Specification (AC 150/5370-10G) P-403 HMA Surface Course	FAA requires the use of HMA surface course to meet the requirements set forth in the AC 150/5370-10G P-403 Specification.	The AC permits the use of asphalt pavements meeting state DOT requirements for pavements used by aircraft weighing not more than 12,500 pounds. Due to the limited aircraft weights using Taxiways "E" and "F", the airport will use ODOT 448 specification.	5/16/2016
FAA Airport Design (AC 150/5300-13A) Chapter 4. Taxiway and Taxiway Design	Per FAA AC 150/5300-13A, the ADG I Taxiway Object Free Area shall be 79' (39.5' from CL)	The AC allows for the modification of the taxiway fixed/immovable object separation dimension in accordance with Engineering Brief No. 78. The critical aircraft using the existing taxiways "A" and "F" will be limited to 44.17'. Therefore the centerline separation shall be modified from 39.5' to 36.5'.	5/16/2016

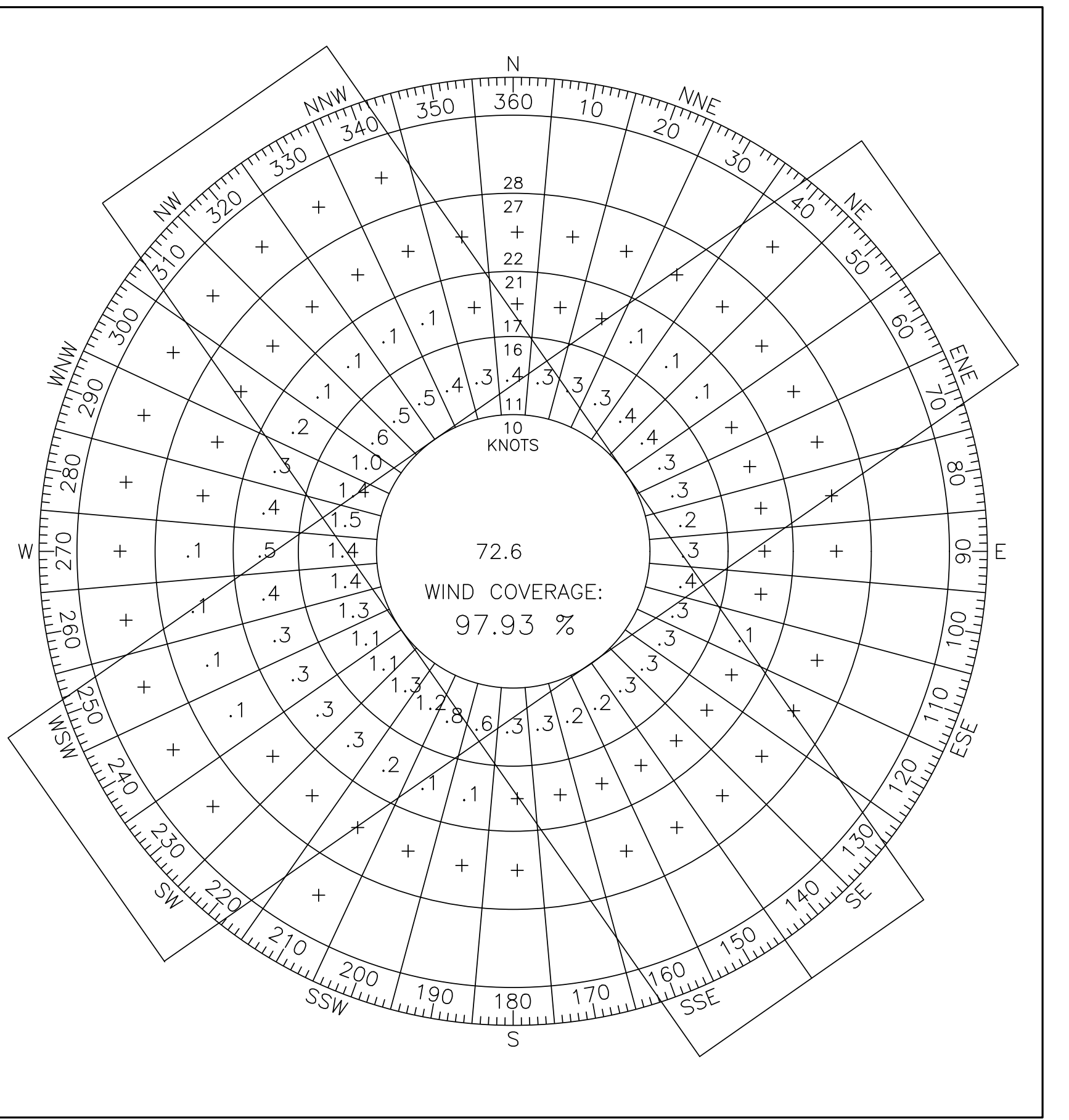
RUNWAY DATA	RUNWAY DATA TABLE							
	EXISTING				FUTURE			
	RUNWAY 6-24 (PRIMARY)				RUNWAY 15-33 (CROSSWIND)			
	RWY 6	RWY 24	RWY 6	RWY 24	RWY 15	RWY 33	RWY 15	RWY 33
RUNWAY DESIGN CODE (RDC)	C II				C II			
APPROACH REFERENCE CODE (APRC)*	D/VI/5000	D/VI/5000	D/VI/5000	D/VI/5000	B/III/5000 D/VI/5000	B/III/5000 D/VI/5000	B/III/5000 D/VI/5000	B/III/5000 D/VI/5000
DEPARTURE REFERENCE CODE (DPRC)*	D/VI	D/VI	D/VI	D/VI	B/II D/II	B/II D/II	B/II D/II	B/II D/II
RUNWAY PAVEMENT SURFACE	ASPHALT-CONCRETE				ASPHALT			
PAVEMENT STRENGTH (GEAR TYPE)	50,000 SINGLE WHEEL; 60,000 DUAL WHEEL				12,000 SINGLE WHEEL			
PAVEMENT CLASSIFICATION NUMBER (PCN)	60/R/B/W/T				45/F/D/X/T			
RUNWAY PAVEMENT SURFACE TREATMENT	GROOVED				NA			
EFFECTIVE GRADIENT (%)	0.16% WITH LINE OF SIGHT		0.16% WITH LINE OF SIGHT PENETRATION		0.0145% WITH LINE OF SIGHT PENETRATION		0.0145% WITH LINE OF SIGHT PENETRATION	
PERCENT WIND COVERAGE	SEE CROSSWIND DATA TABLE				SEE CROSSWIND DATA TABLE			
RUNWAY LENGTH x WIDTH	9,009' x 150'		9,009' x 100'		5,499' x 100'		5,499' x 100'	
DISPLACED THRESHOLD	NA		NA		NA		NA	
RUNWAY SAFETY AREA (RSA)	1,000' BEYOND x 500' WIDE				1,000' BEYOND x 500' WIDE			
RUNWAY END LATITUDE (NAD83)	N39° 50' 06.24"	N39° 50' 58.34"	N39° 50' 06.24"	N39° 50' 58.34"	N39° 50' 35.20"	N39° 49' 51.14"	N39° 50' 35.20"	N39° 49' 51.14"
RUNWAY END LONGITUDE (NAD83)	W83° 51' 05.02"	W83° 49' 31.35"	W83° 51' 05.02"	W83° 49' 31.35"	W83° 50' 55.67"	W83° 50' 14.42"	W83° 50' 55.67"	W83° 50' 14.42"
RUNWAY EDGE LIGHTING	HIRL				MIRL			
RUNWAY PROTECTION ZONE (RPZ)	500' x 1,010' x 1,700'		1,000' x 1,750' x 2,500'		500' x 1,010' x 1,700'		500' x 1,010' x 1,700'	
RUNWAY MARKING	PRECISION				NON-PRECISION			
PART 77 APPROACH CATEGORY	NON-PRECISION - LARGER THAN UTILITY		PRECISION - LARGER THAN UTILITY		VISUAL - LARGER THAN UTILITY		NON-PRECISION VIS - > 3/4 MILE	
PART 77 APPROACH SURFACE DIMENSION	1,000' x 3,500' x 10,000' (*)		1,000' x 16,000' x 50,000'		500' x 1,500' x 5,000'		500' x 1,500' x 5,000'	
PART 77 APPROACH SLOPE	34:1		50:1/40:1		20:1		34:1	
VISUAL RANGE (LOWEST RVR)	1 MILE (5,000' RVR)		1/2 MILE (2,400' RVR)		VISUAL		VISUAL	
INSTRUMENT DESCENT MINIMUMS (LOWEST AGL)	303		≥ 250		VISUAL		VISUAL	
AERONAUTICAL APPROACH SURVEY TYPE	NVGS		VGS		NVGS		NVGS	
DEPARTURE SURFACE (DS) DIMENSION	1,000' x 6,466' x 10,200'		1,000' x 6,466' x 10,200'		NA		1,000' x 6,466' x 10,200'	
DEPARTURE SURFACE (DS) SLOPE	40:1		40:1		NA		40:1	
RUNWAY OBJECT FREE AREA (ROFA)	1,000' BEYOND x 800' WIDE				1,000' BEYOND x 800' WIDE			
RUNWAY OBSTACLE FREE ZONE (OFZ)	200' BEYOND x 400' WIDE				200' BEYOND x 400' WIDE			
PRECISION OBSTACLE FREE ZONE (POFZ)	NA		200' x 800'		NA		NA	
INNER APPROACH OBSTACLE FREE ZONE (IAOFZ)	NA		2,997' x 400'		NA		NA	
THRESHOLD SITING SURFACE (TSS) TYPE	TYPE 4 AND TYPE 6 (PER EB 99 - 02/16/2018)		TYPE 5 AND TYPE 6 (PER EB 99 - 02/16/2018)		TYPE 3 (PER EB 99 - 02/16/2018)		TYPE 4 AND TYPE 6 (PER EB 99 - 02/16/2018)	
THRESHOLD SITING SURFACE (TSS) DIMENSION	TYPE 4 200' BEYOND - 400' x 3,400' x 10,000'		TYPE 5 200' BEYOND - 800' x 3,400' x 10,000'		TYPE 4 200' BEYOND - 400' x 3,400' x 10,000'		TYPE 5 200' BEYOND - 800' x 3,400' x 10,000'	
THRESHOLD SITING SURFACE (TSS) SLOPE	TYPE 4 20:1 / TYPE 6 30:1		TYPE 5 34:1 / TYPE 6 30:1		TYPE 4 20:1 / TYPE 6 30:1		TYPE 5 34:1 / TYPE 6 30:1	
VISUAL AND INSTRUMENT APPROACH AIDS	PAPI, REILs		PAPI, SSALR		PAPI, REILs		PAPI, REILs	
TOUCHDOWN ZONE ELEVATION (MSL)	1,051.3		1,048.3		1,047.5		1,046.7	
TAXIWAY WIDTH	75'		75'		35' & 50'		35' & 50'	
TAXIWAY SAFETY AREA (TSA)	79'		79'		79'		79'	
TAXIWAY OBJECT FREE AREA (TOFA)	131'		131'		131'		131'	
PARALLEL TAXIWAY TO RUNWAY SEPARATION	736'				300'			
TAXIWAY SEPARATION**	NO PENETRATIONS TO TSA OR TOFA				N/A			
TAXIWAY LIGHTING	MITL				MITL			
VERTICAL / HORIZONTAL DATUM	NAVD88 / NAD83				NAVD88 / NAD83			
<b>DECLARED DISTANCE TABLE</b>								
TAKEOFF RUN AVAILABLE (TORA)	9,009'		9,009'		5,499'		5,499'	
TAKEOFF DISTANCE AVAILABLE (TODA)	9,009'		9,009'		5,499'		5,499'	
ACCELERATE-STOP DISTANCE AVAILABLE (ASDA)	9,009'		9,009'		5,499'		5,499'	
LANDING DISTANCE AVAILABLE (LDA)	9,009'		9,009'		5,499'		5,499'	



RUNWAY 06-24 ALL WEATHER



RUNWAY 15-33 ALL WEATHER



COMBINED ALL WEATHER

CROSSWIND DATA TABLE				
RUNWAY	10.5-KNOTS	13-KNOTS	16-KNOTS	20-KNOTS
<b>ALL-WEATHER WIND DATA OBSERVATIONS</b>				
RUNWAY 6-24 (PRIMARY)	90.56%	96.35%	98.83%	99.77%
RUNWAY 15-33	84.40%	91.08%	97.03%	99.25%
COMBINED	97.93%	99.51%	99.94%	100.00%
<b>INSTRUMENT (IFR) WIND DATA OBSERVATIONS</b>				
RUNWAY 6-24 (PRIMARY)	88.83%	94.11%	98.21%	99.62%
RUNWAY 15-33	86.12%	92.12%	97.21%	99.26%
COMBINED	97.67%	99.42%	99.90%	99.99%

DATA SOURCE: FAA AIRPORT GIS - STATION 724295 SPRINGFIELD-BECKLEY MUNICIPAL ANNUAL PERIOD RECORD 2007 - 2016  
 NOTE: CROSSWIND COMPONENT COMPUTED USING RUNWAY TRUE BEARING (145.03 & 55.03)  
 NOTE: THE PLUS SIGNS (+) ON THE WIND ROSE REPRESENT WIND DIRECTION AND SPEED COMBINATIONS WHICH OCCUR LESS THAN ONE-TENTH OF 1 PERCENT OF TIME.

Layout Tab Name: 2\_Images... Xrefs: 76515\_TBLK.dwg  
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CERTIFIED BY:	DESIGN ENGINEER	DATE
DESIGNED BY:	GCF	DRAWN BY: GCF
CHECKED BY:	MJM	APPROVED BY: CJS
333 North Alabama Street Suite 200 Indianapolis, IN 46204 317.295.7500 FAX: 317.291.5505		
<b>W O O L P E R T</b> ARCHITECTURE ENGINEERING CONSULTANTS		
PROJECT No:	076515	
DATE:	03-09-2020	
AIP No:	3-39-0072-024-2016	
HORIZ. SCALE:		
VERT. SCALE:		
SHEET NO.	2	

REVISION	DATE	No.

**AIRPORT LAYOUT PLAN**  
**AIRPORT DATA SHEET**  
 SPRINGFIELD-BECKLEY MUNICIPAL AIRPORT    SPRINGFIELD, OHIO