

Designer: _____
 TGM _____
 Technician: _____
 TGM _____
 Checked by: _____
 TF _____
 Project Number: _____
 PL502022

NOTES

No.	Description	Date	By

MASTER PLAN UPDATE

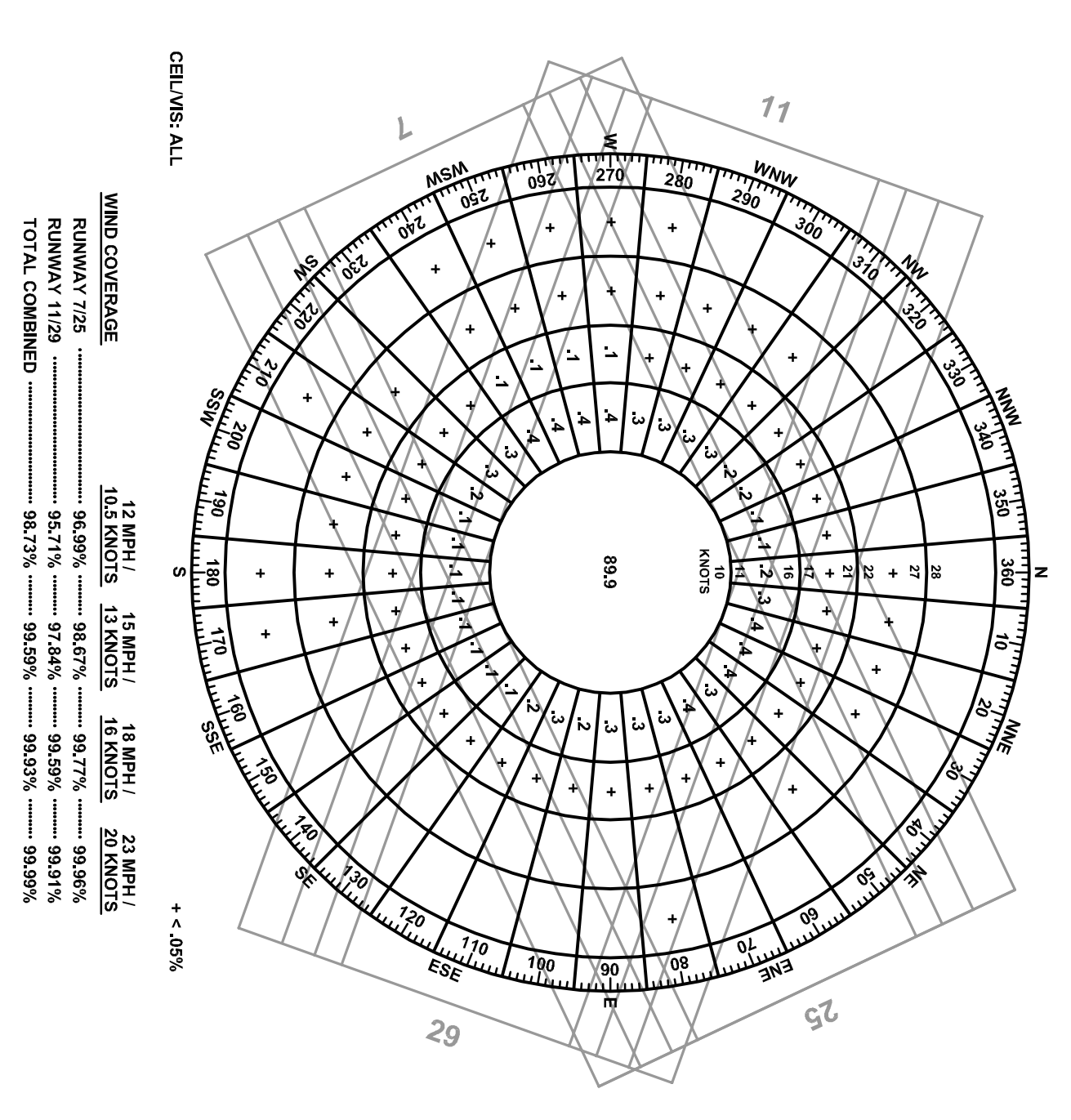
DATA SHEET

Project Name: _____
 Drawing Name: _____
 FAA A.L.P. Project Number: _____

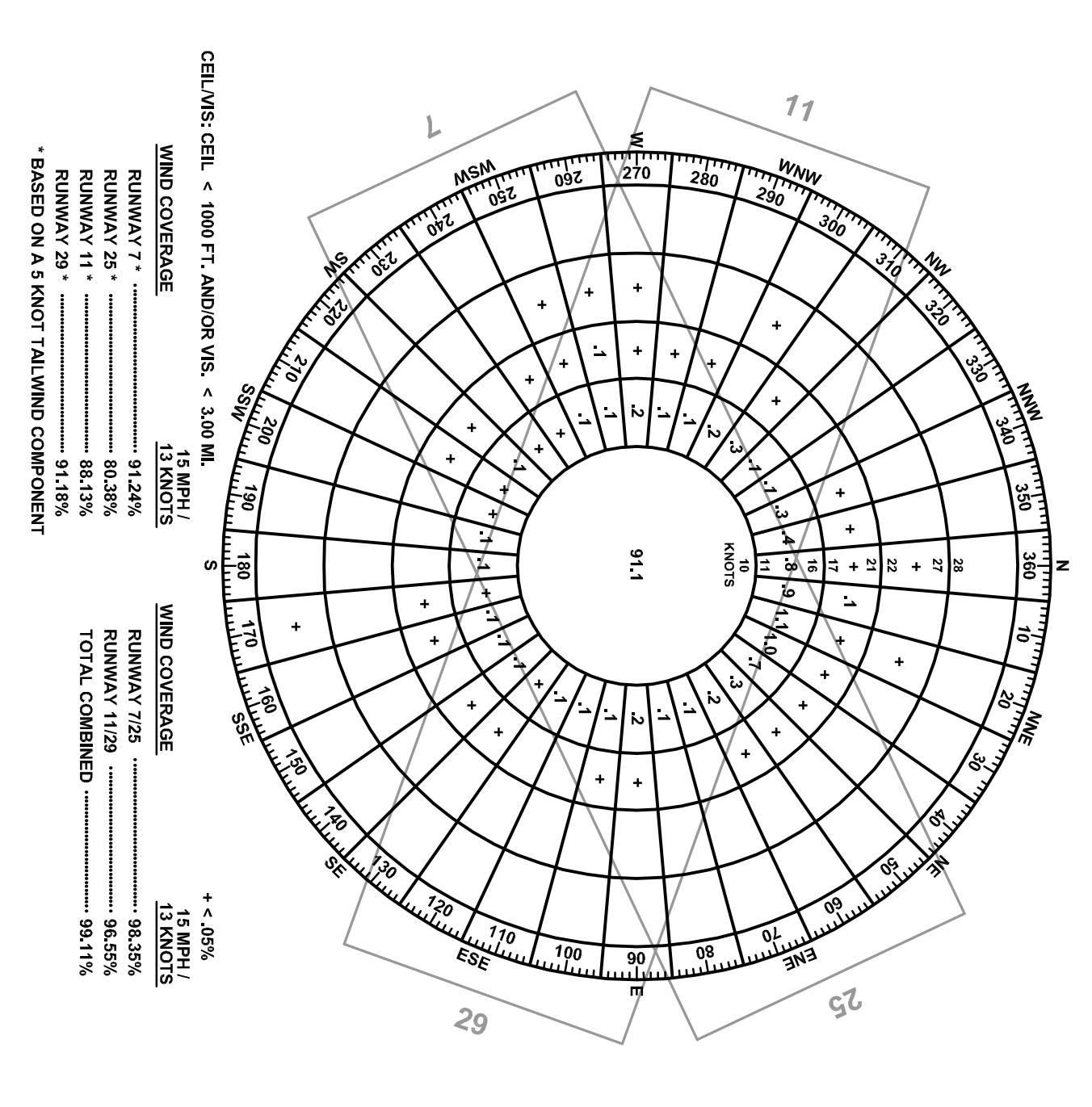
Autocad Drawing Reference: _____
 Date: **MARCH 2008**
 Division: **PLANNING**

Scale: **NO SCALE**
 Drawing Number: **3**

All Weather Wind Rose



IFR Wind Rose



83015 OBSERVATIONS MADE OVER THE PERIOD 1985-1998
 STATION 7200 GEAR FIELD, FL, US
 SOURCE: NATIONAL CLIMATIC DATA CENTER
 ASHEVILLE, NC

STAGE		EXISTING		ULTIMATE		TURF 7U		TURF 25U		EXISTING		ULTIMATE	
RUNWAY	7	25	7	25	2,000'	2,000'	3,500'	3,500'	3,500'	3,500'	3,500'	3,500'	3,500'
RUNWAY LENGTH	4,000'	4,000'	4,500'	4,500'	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DISPLACED THRESHOLD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TORA	N/A	N/A	4,500'	4,500'	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TODA	N/A	N/A	4,500'	4,500'	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ASDA	N/A	N/A	4,500'	4,500'	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LDA	N/A	N/A	4,750'	4,750'	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
RUNWAY WIDTH	100'	100'	NO CHANGE	NO CHANGE	60'	60'	100'	100'	100'	100'	100'	100'	100'
PAYMENT TYPE	ASPHALT	ASPHALT	NO CHANGE	NO CHANGE	TURF	TURF	ASPHALT	ASPHALT	ASPHALT	ASPHALT	ASPHALT	ASPHALT	ASPHALT
PAYMENT LOADING (THOUSANDS)	S .30	S .30	NO CHANGE	NO CHANGE	N/A	N/A	S .30	S .30	S .30	S .30	S .30	S .30	S .30
RUNWAY LIGHTING	MIRL	MIRL	NO CHANGE	NO CHANGE	NONE	NONE	MIRL	MIRL	MIRL	MIRL	MIRL	MIRL	MIRL
RUNWAY MARKINGS	NONPRECISION	NONPRECISION	NO CHANGE	NO CHANGE	NONE	NONE	BASIC	BASIC	BASIC	BASIC	BASIC	BASIC	BASIC
APPROACH LIGHTING	NONE	NONE	NO CHANGE	NO CHANGE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
TAXIWAY WIDTH	L.M. H.T.L.	L.M. H.T.L.	NO CHANGE	NO CHANGE	N/A	N/A	50'	50'	50'	50'	50'	50'	50'
TAXIWAY LIGHTING	L.M. H.T.L.	L.M. H.T.L.	NO CHANGE	NO CHANGE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
APPROACH APPROACH CATEGORY	B	B	NO CHANGE	NO CHANGE	C	C	B	B	B	B	B	B	B
AIRPLANE DESIGN GROUP	II	II	NO CHANGE	NO CHANGE	I (< 12,500 LB)	I (< 12,500 LB)	A	A	A	A	A	A	A
CRITICAL AIRCRAFT	II	II	NO CHANGE	NO CHANGE	II	II	II	II	II	II	II	II	II
RUNWAY END ELEVATION (NAVD 83)	74.0' AMSL	74.0' AMSL	NO CHANGE	NO CHANGE	CESSNA 172	CESSNA 172	79.0' AMSL	79.0' AMSL	79.0' AMSL	79.0' AMSL	79.0' AMSL	79.0' AMSL	79.0' AMSL
DISPLACED THRESHOLD ELEVATION (NAVD 83)	N/A	N/A	NO CHANGE	NO CHANGE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EFFECTIVE GRADE	+0.150%	-0.150%	NO CHANGE	NO CHANGE	+0.133%	+0.133%	-0.250%	-0.250%	-0.083%	-0.083%	-0.083%	-0.083%	-0.083%
TOUCHDOWN ZONE ELEVATION (NAVD 83)	86.5' AMSL	86.5' AMSL	NO CHANGE	NO CHANGE	+0.250%	+0.250%	N/A	N/A	86.5' AMSL	86.5' AMSL	86.5' AMSL	86.5' AMSL	86.5' AMSL
APPROACH VISIBILITY MINIMUMS	VISUAL	1 MILE	NO CHANGE	NO CHANGE	1/2 MILE	1/2 MILE	VISUAL	VISUAL	VISUAL	VISUAL	VISUAL	VISUAL	VISUAL
NAVIGATIONAL AND VISUAL AIDS	PAPI-4	PAPI-4, GPS	NO CHANGE	NO CHANGE	PAPI-4, GPS	PAPI-4, GPS	NONE	NONE	NONE	NONE	NONE	NONE	NONE
APPROACH SLOPE	2:1	3:1	NO CHANGE	NO CHANGE	50:1	50:1	2:1	2:1	2:1	2:1	2:1	2:1	2:1
FAIRWEATHER CATEGORY	BV0	G	NO CHANGE	NO CHANGE	PR	PR	AV0	AV0	AV0	AV0	AV0	AV0	AV0
RUNWAY PROTECTION ZONE (RPZ)	500'	1,000'	NO CHANGE	NO CHANGE	2,500'	2,500'	1,000'	1,000'	1,000'	1,000'	1,000'	1,000'	1,000'
OBJECT FREE AREA (OFA) WIDTH	700'	700'	NO CHANGE	NO CHANGE	1,750'	1,750'	450'	450'	700'	700'	700'	700'	700'
OFA LENGTH BEYOND RUNWAY END	500'	500'	NO CHANGE	NO CHANGE	800'	800'	250'	250'	500'	500'	500'	500'	500'
RUNWAY SAFETY AREA (RSA) WIDTH	150'	150'	NO CHANGE	NO CHANGE	400'	400'	120'	120'	150'	150'	150'	150'	150'
RSA LENGTH PRIOR TO LANDING THRESHOLD	300'	300'	NO CHANGE	NO CHANGE	600'	600'	240'	240'	300'	300'	300'	300'	300'
RSA LENGTH BEYOND RUNWAY END	300'	300'	NO CHANGE	NO CHANGE	1,000'	1,000'	240'	240'	300'	300'	300'	300'	300'
OBSTACLE FREE ZONE (OFZ) WIDTH	400'	400'	NO CHANGE	NO CHANGE	NO CHANGE	NO CHANGE	200'	200'	200'	200'	200'	200'	200'
OFZ LENGTH BEYOND RUNWAY END	200'	200'	NO CHANGE	NO CHANGE	NO CHANGE	NO CHANGE	200'	200'	200'	200'	200'	200'	200'
RUNWAY END (MAD 83)	LATITUDE 30° 16' 34.914" N	30° 16' 31.544" N	NO CHANGE	NO CHANGE	LONG. 81° 46' 25.540" W	81° 46' 25.540" W	30° 16' 28.533" N	30° 16' 42.028" N	30° 16' 30.283" N	30° 16' 30.283" N	30° 16' 30.283" N	30° 16' 30.283" N	30° 16' 30.283" N
DISPLACED THRESHOLD (MAD 83)	LATITUDE 81° 46' 53.982" W	81° 46' 53.982" W	NO CHANGE	NO CHANGE	LONGITUDE 81° 46' 55.402" W	81° 46' 55.402" W	81° 46' 52.971" W	81° 46' 28.597" W	81° 46' 28.597" W	81° 46' 28.597" W	81° 46' 28.597" W	81° 46' 28.597" W	81° 46' 28.597" W
	LONGITUDE N/A	N/A	NO CHANGE	NO CHANGE			N/A	N/A	N/A	N/A	N/A	N/A	N/A

BUILDING TABLE		
#	DESCRIPTION	TOP ELEV.
(1)	T-HANGAR 1	101.3' AMSL
(2)	T-HANGAR 2	101.3' AMSL
(3)	T-HANGAR 3	101.3' AMSL
(4)	T-HANGAR 4	86.5' AMSL
(5)	T-HANGAR 5	86.5' AMSL
(6)	T-HANGAR 6	86.5' AMSL
(7)	ROYAL LANDING	106.2' AMSL
(8)	ROYAL LANDING	106.2' AMSL
(9)	HERLONG TERMINAL FACILITIES	106.2' AMSL
(10)	FIRE STORAGE AREA (TO BE RELOC.)	UG
(11)	WATER TREATMENT PLANT	113.3' AMSL
(12)	MESSENGER FACILITIES	106.2' AMSL
(13)	MESSENGER FACILITIES	106.2' AMSL
(14)	ELECTRICAL VAULT (TO BE RELOC.)	88' AMSL
(15)	ACME BARBICUES	110' AMSL
(16)	ADVANCED DISPATCH	112' AMSL
(17)	INDIVIDUAL AIRCRAFT HANGAR	114' AMSL
(18)	INDIVIDUAL AIRCRAFT HANGAR	114' AMSL
(19)	INDIVIDUAL AIRCRAFT HANGAR	117' AMSL
(20)	INDIVIDUAL AIRCRAFT HANGAR	117' AMSL

AIRPORT DATA		
DESCRIPTION	EXISTING	ULTIMATE
CITY: JACKSONVILLE COUNTY: DUVAL STATE: FLORIDA		
AIRPORT ELEVATION (NAVD 83)	86.7' AMSL	NO CHANGE
MEAN MAXIMUM TEMPERATURE (MUT)	92° F	NO CHANGE
MAGNETIC DECLINATION (2006)	5° 17' W	0° 4' W / YEAR
AIRPORT REFERENCE POINT (MAD 83)	LAT. 30° 16' 40.044" N	30° 16' 37.282" N
	LONG. 81° 46' 21.411" W	81° 46' 27.282" W
CRITICAL AIRCRAFT	B II	C II
AIRPORT REFERENCE POINT (MAD 83)	LONG. 81° 46' 21.411" W	81° 46' 27.282" W
INDIVIDUAL AIRCRAFT HANGAR	IND. OPS. AMOS	IND. OPS. AMOS, LVP
RELIEVER	NO CHANGE	NO CHANGE

MODIFICATIONS TO STANDARDS			
DESCRIPTION	CRITERIA	STANDARD	REQUESTED
N/A	-	-	-

LEGEND	
DESCRIPTION	EXISTING
FENCE	---
AIRPORT PAVEMENT	-----
PROPERTY LINE	-----
AVIGATION AND TREE CUTTING ESTABLISHMENT	-----
GROUND CONTOURS	-----
AIRPORT REFERENCE POINT	⊕
BUILDINGS	█
WATER	~~~~~
RUNWAY SAFETY AREA	---RSA---
RUNWAY OBJECT FREE AREA	---ROFA---
RUNWAY PROTECTION ZONE	---BRL---
BUILDING RESTRICTION LINE	---BRL---
OBSTACLE FREE ZONE	---OFZ---