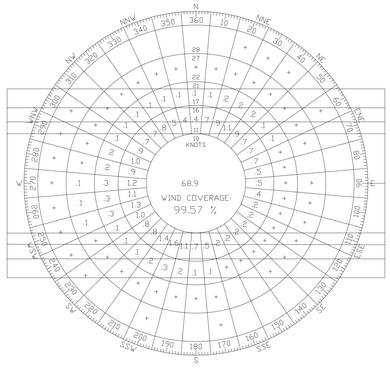
AIRPORT DATA TABLE		
AIRPORT DATA	**FUTURE**	**POTENTIAL**
Airport Elevation (MSL)	775.0'	775.0'
Airport Reference Point (NAD 83) Latitude Longitude	 41° 22' 29.38" N 87° 41' 58.14" W	 41° 22' 29.38" N 87° 41' 58.14" W
Mean Max Temperature of Hottest Month	84.7°F	84.7°F
Airport Navigational Aids	ARB, VOR, ASR, SSR, ASDE, RNAV(GPS/WAAS), ILS, GS, LOC, IM, OM	ARB, VOR, ASR, SSR, ASDE, RNAV(GPS/WAAS), ILS, GS, LOC, IM, OM
Magnetic Variation	3° 25' W changing by 0° 5' W/year	3° 25' W changing by 0° 5' W/year
Date of Magnetic Variation	8/11/2011	8/11/2011
Tail Height	80'	80'
Critical Design Aircraft	A380-800	A380-800
Miscellaneous Facilities	LLWAS, AWOS, RVR, PRM, SMGC, HIRL, ALSF-2, MITL, TCL, Touchdown Zone Lights, Wind cones	LLWAS, AWOS, RVR, PRM, SMGC, HIRL, ALSF-2, MITL, TCL, Touchdown Zone Lights, Wind cones
County	Will	Will
Township	Will, Monee, Washington	Will, Monee, Washington

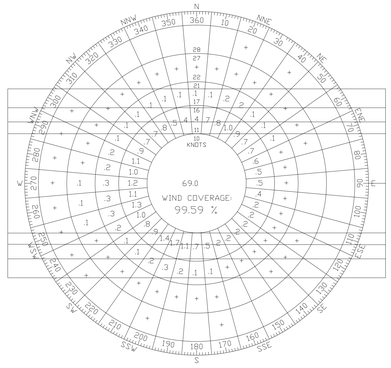
DECLARED DISTANCES									
Stage	Runway End ID	TORA	TODA	ASDA	LDA	Approach End RSA length	Stop end RSA Length	RSA Length	Date of Approval
Future	8L	7,500'	7,500'	7,500'	7,500'	1,000'	1,000'	9,500'	N/A
Future	26R	7,500'	7,500'	7,500'	7,500'	1,000'	1,000'	9,500'	N/A
Potential	8C	10,000'	10,000'	10,000'	10,000'	1,000'	1,000'	12,000'	N/A
Potential	26C	10,000'	10,000'	10,000'	10,000'	1,000'	1,000'	12,000'	N/A
Future	8R	12,000'	12,000'	12,000'	12,000'	1,000'	1,000'	14,000'	N/A
Future	26L	12,000'	12,000'	12,000'	12,000'	1,000'	1,000'	14,000'	N/A
Future	9L	12,000'	12,000'	12,000'	12,000'	1,000'	1,000'	14,000'	N/A
Future	27R	12,000'	12,000'	12,000'	12,000'	1,000'	1,000'	14,000'	N/A
Potential	9C	10,000'	10,000'	10,000'	10,000'	1,000'	1,000'	12,000'	N/A
Potential	27C	10,000'	10,000'	10,000'	10,000'	1,000'	1,000'	12,000'	N/A
Future	9R	10,000'	10,000'	10,000'	10,000'	1,000'	1,000'	12,000'	N/A
Future	27L	10,000'	10,000'	10,000'	10,000'	1,000'	1,000'	12,000'	N/A

ALL WEATHER - WINDROSE
2000-2009



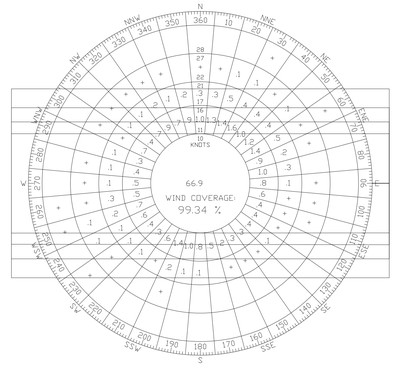
ALL WEATHER WIND COVERAGE				
RUNWAY	**CROSSWIND COMPONENTS**			
	10.5 Knot	**13 Knot**	**16 Knot**	**20 Knot**
9-27 (8-26)	86.13%	92.50%	97.91%	99.57%

VFR WEATHER - WINDROSE
2000-2009



VFR WIND COVERAGE				
RUNWAY	**CROSSWIND COMPONENTS**			
	10.5 Knot	**13 Knot**	**16 Knot**	**20 Knot**
9-27 (8-26)	86.36%	92.67%	97.98%	99.59%

IFR WEATHER - WINDROSE
2000-2009



IFR WIND COVERAGE				
RUNWAY	**CROSSWIND COMPONENTS**			
	10.5 Knot	**13 Knot**	**16 Knot**	**20 Knot**
9-27 (8-26)	82.87%	90.09%	96.96%	99.34%

RUNWAY DATA TABLE															
ITEM	**Future Runway 8L-26R**		**Potential Runway 8C-26C**		**Future Runway 8R-26L**		**Inaugural Runway 9R-27L Future Runway 9L-27R**				**Potential Runway 9C-27C**		**Future Runway 9R-27L**	
	Future 8L	Future 26R	Potential 8C	Potential 26C	Future 8R	Future 26L	Inaugural 9R	Inaugural 27L	Future 9L	Future 27R	Potential 9C	Potential 27C	Future 9L	Future 27R
Approach Category and Design Group	C-III		C-IV		D-VI		C-III		D-VI		C-IV		C-IV	
Aircraft Tail Height	42'		59'		80'		42'		80'		59'		59'	
Runway Length	7,500'		10,000'		12,000'		9,500'		12,000'		10,000'		10,000	
Runway Width	150'		150'		200'		150'		200'		150'		150'	
Pavement Surface Type	Concrete		Concrete		Concrete		Concrete		Concrete		Concrete		Concrete	
Maximum Pavement Strength (lbs)	500,000		500,000		1,260,000		500,000		1,260,000		500,000		500,000	
Runway True Bearing	N 90° 0' 0.00" E		N 90° 0' 0.00" E		N 90° 0' 0.00" E		N 90° 0' 0.00" E		N 90° 0' 0.00" E		N 90° 0' 0.00" E		N 90° 0' 0.00" E	
Runway End Coordinates (NAD83) Latitude Longitude	 41° 23' 59.02" N 87° 42' 32.07" W	 41° 23' 58.47" N 87° 40' 53.66" W	 41° 23' 34.50" N 87° 43' 05.11" W	 41° 23' 33.77" N 87° 40' 53.91" W	 41° 23' 09.87" N 87° 43' 18.46" W	 41° 23' 09.00" N 87° 40' 41.04" W	 41° 21' 56.58" N 87° 42' 46.36" W	 41° 21' 55.89" N 87° 40' 41.77" W	 41° 21' 56.76" N 87° 43' 19.14" W	 41° 21' 55.89" N 87° 40' 41.77" W	 41° 21' 31.99" N 87° 43' 06.26" W	 41° 21' 31.27" N 87° 40' 55.13" W	 41° 21' 07.29" N 87° 43' 06.49" W	 41° 21' 06.57" N 87° 40' 55.38" W
Runway End Elevation (MSL)	775.0'	734.4'	768.5'	753.5'	761.0'	761.0'	761.0'	761.0'	761.0'	761.0'	761.0'	742.8'	764.0'	734.0'
Displaced Threshold From Runway End	None	None	None	None	None	None	None	None	None	None	None	None	None	None
Displaced Threshold Coordinates (NAD83) Latitude Longitude	 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 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	 N/A N/A
Displaced Threshold Elevation (MSL)	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	N/A
Effective Gradient (%)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Wind Coverage (%)	99.57%	99.57%	99.57%	99.57%	99.57%	99.57%	99.57%	99.57%	99.57%	99.57%	99.57%	99.57%	99.57%	99.57%
Approach Visibility Minimums (RVR)	2,400'	2,400'	5,000'	5,000'	700'	700'	2,400'	2,400'	700'	700'	5,000'	5,000'	700'	700'
Runway Lighting Type	HIRL, RCL	HIRL, RCL	HIRL, REIL	HIRL, REIL	HIRL, RCL	HIRL, RCL	HIRL, RCL, REIL	HIRL, RCL, REIL, MALSR	HIRL, RCL	HIRL, RCL	HIRL, REIL	HIRL, REIL	HIRL, RCL	HIRL, RCL
Runway Marking Type	Precision	Precision	Non-Precision	Non-Precision	Precision	Precision	Precision	Precision	Precision	Precision	Non-Precision	Non-Precision	Precision	Precision
Approach Type	Precision (CAT III)	Precision (CAT III)	Non-Precision	Non-Precision	Precision (CAT III)	Precision (CAT III)	Precision	Precision (CAT I)	Precision (CAT III)	Precision (CAT III)	Non-Precision	Non-Precision	Precision (CAT III)	Precision (CAT III)
14 CFR FAR Part 77 Approach Category	50:1	50:1	34:1	34:1	50:1	50:1	50:1	50:1	50:1	50:1	34:1	34:1	50:1	50:1
Type of Aeronautical Survey Required for Approach	Vertically Guided	Vertically Guided	Vertically Guided	Vertically Guided	Vertically Guided	Vertically Guided	Vertically Guided	Vertically Guided	Vertically Guided	Vertically Guided	Vertically Guided	Vertically Guided	Vertically Guided	Vertically Guided
Runway Departure Surface	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Visual NAVAIDS	PAPI(4), MALSR	PAPI(4), MALSR	PAPI(4), LPV	PAPI(4), LPV	ALSF-2, Touchdown Zone Lights	ALSF-2, Touchdown Zone Lights	PAPI(4)	PAPI(4)	ALSF-2, Touchdown Zone Lights	ALSF-2, Touchdown Zone Lights	PAPI(4), LPV	PAPI(4), LPV	ALSF-2, Touchdown Zone Lights	ALSF-2, Touchdown Zone Lights
Instrument NAVAIDS	ILS, GS, LOC, IM, OM, RVR	ILS, GS, LOC, IM, OM, RVR	N/A	N/A	ILS, GS, LOC, IM, OM, RVR, PRM, SMGC	ILS, GS, LOC, IM, OM, RVR, PRM, SMGC	RNAV(GPS/WAAS)	ILS, GS, LOC, OM, RNAV(GPS/WAAS)	ILS, GS, LOC, IM, OM, RVR, PRM, SMGC	ILS, GS, LOC, IM, OM, RVR, PRM, SMGC	N/A	N/A	ILS, GS, LOC, IM, OM, RVR, PRM, SMGC	ILS, GS, LOC, IM, OM, RVR, PRM, SMGC
Runway Safety Area (RSA) Length Beyond Runway Width	 1,000' 500'	 1,000' 500'	 1,000' 500'	 1,000' 500'	 1,000' 500'	 1,000' 500'	 1,000' 500'	 1,000' 500'	 1,000' 500'	 1,000' 500'	 1,000' 500'	 1,000' 500'	 1,000' 500'	 1,000' 500'
Runway Protection Zone (RPZ) Length Inner Width Outer Width	 2,500' 1,000' 1,750'	 2,500' 1,000' 1,750'	 1,700' 1,000' 1,510'	 1,700' 1,000' 1,510'	 2,500' 1,000' 1,750'	 2,500' 1,000' 1,750'	 2,500' 1,000' 1,750'	 2,500' 1,000' 1,750'	 2,500' 1,000' 1,750'	 2,500' 1,000' 1,750'	 1,700' 1,000' 1,510'	 1,700' 1,000' 1,510'	 2,500' 1,000' 1,750'	 2,500' 1,000' 1,750'
Runway Object Free Area (ROFA) Length Beyond Runway Width	 1,000' 800'	 1,000' 800'	 1,000' 800'	 1,000' 800'	 1,000' 800'	 1,000' 800'	 1,000' 800'	 1,000' 800'	 1,000' 800'	 1,000' 800'	 1,000' 800'	 1,000' 800'	 1,000' 800'	 1,000' 800'
Runway Obstacle Free Zone (ROFZ) Length Beyond Runway Width	 200' 400'	 200' 400'	 200' 400'	 200' 400'	 200' 400'	 200' 400'	 200' 400'	 200' 400'	 200' 400'	 200' 400'	 200' 400'	 200' 400'	 200' 400'	 200' 400'
Precision Obstacle Free Zone (POFZ) Length Width	 200' 800'	 200' 800'	 N/A N/A	 N/A N/A	 600' 800'	 600' 800'	 200' 800'	 200' 800'	 600' 800'	 600' 800'	 N/A N/A	 N/A N/A	 200' 800'	 200' 800'
Taxiway Object Free Area Width	386'	386'	386'	386'	386'	386'	259'	259'	386'	386'	386'	386'	386'	386'
Taxiway Safety Area (TSA) Width	262'	262'	262'	262'	262'	262'	171'	171'	262'	262'	262'	262'	262'	262'
Taxiway Lighting	MITL	MITL	MITL	MITL	MITL, TCL	MITL, TCL	MITL	MITL	MITL, TCL	MITL, TCL	MITL	MITL	MITL	MITL

GENERAL NOTES:
1. SEE SHEET 4 FOR GENERAL NOTES AND DATA SOURCES.
2. INAUGURAL RUNWAY 9L-27R WILL BE DECOMMISSIONED.
3. TAXIWAYS ARE DESIGNED FOR GROUP VI IN THE FUTURE AIRPORT LAYOUT PLAN. SEPARATIONS BETWEEN RUNWAYS AND TAXIWAYS ARE 600'.
4. NO OFZ OR TSS PENETRATIONS EXIST.

DRAFT

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SSA SouthSuburbanAirport
Illinois Department of Transportation
Division of Aeronautics

NO.	BY	DATE	DESCRIPTION	NO.	BY	DATE	DESCRIPTION

REVISIONS

DESIGN BY: DK/CA
DRAWN BY: LAH/SAU
CHECKED BY: EDL
APPROVED BY: LTB

South Suburban Airport
FUTURE AIRPORT DATA SHEET

MAGNETIC DECLINATION 3°25'W (2011)
ANNUAL RATE OF CHANGE 0° 5' W/ YEAR
EPOCH YEAR: 2012

SCALE: NOT TO SCALE
DATE: 9-27-2012
JOB NO. 60181525.M2.2

SHEET NO. 15