

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW14L CLIMB TO 2600 DIRECT ODEBE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 318.73 INBOUND. CHART FAS OBST: 854 TREE 400324N/0881733W DISTANCE TO THLD FROM 200 HAT: 0.48 NM. CHART VDP AT 1.00 MILES TO RW14L* *LNAV ONLY. WAAS CHANNEL # 86419 REFERENCE PATH ID: W14A CHART CIRCLING ICON. CHART ASR LTP HAE: 198.1 M											
RBS VOR/DME	ORANJ (FB)	210.54 / 22.50	2800												
BLLUE (IAF)	RRRED (NOPT) (FB)	042.97 / 5.56	2800												
ORANJ (IAF)	RRRED (NOPT) (FB)	228.53 / 5.00	2800												
RRRED (IF/IAF)	GRANJ (FB)	138.48 / 6.14	2700												
GRANJ (F.A.F)	WORN0/1.90 NM TO RW14L (FB)	138.54 / 3.96													
WORN0/1.90 NM TO RW14L (SEE FORM 8260-10)	RW14L (MAP) (FO)	138.54 / 1.90													
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NW RRRED, RT, 138.48 INBOUND, 2800 FT. IN LIEU OF PT (IAF) 3. FAC: <u>138.54</u> FAF: <u>GRANJ</u> DIST FAF TO MAP: <u>5.86</u> THLD: <u>5.86</u> 4. MIN. ALT: RRRED 2800, GRANJ 2700, WORN0/1.90 NM TO RW14L 1380* 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2700</u> GS ALT AT: <u>GRANJ 2700</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>47.9</u> 34:1 IS CLEAR 8. MSA FROM: RW14L 3100				MAG VAR: 3W EPOCH YEAR: 2015											
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		STANDARD @									
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	955	3/4	200	955	3/4	200	955	3/4	200	955	3/4	200			
LNAV/VNAV DA	1170	1 1/2	415	1170	1 1/2	415	1170	1 1/2	415	1170	1 1/2	415			
LNAV MDA	1120	1	365	1120	1	365	1120	1	365	1120	1 1/4	365			
CIRCLING	1240	1	485	1240	1	485	1500	2 1/4	745	1500	2 1/2	745			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 54C (130F). CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE RANTOUL ALTIMETER SETTING AND INCREASE ALL DA 41 FEET AND ALL MDA 60 FEET, INCREASE LNAV CAT C VISIBILITY 1/4 MILE. (SEE FORM 8260-10)															
CITY AND STATE CHAMPAIGN/URBANA, IL		ELEVATION: 755 TDZE: 755 AIRPORT NAME: UNIVERSITY OF ILLINOIS-WILLARD		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 14L, ORIG-A 5 MARCH 2015				SUP: AMDT: ORIG DATED 09/23/2010		QUALITY CHECKED			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW14L (MAP)	955 MSL	138.54	
955 MSL	ODEBE (FO)		2600

NOTES, (CONT.):

CHART NOTE: DME/DME RNP-0.3 NA.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BLLUE ON V191 SOUTHWEST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON RBS VOR/DME AIRWAY RADIALS 187 CW 231.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING RANTOUL ALTIMETER SETTING.



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**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCMI
RUNWAY	RW14L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	400250.5040N
LTP/FTP LONGITUDE	0881708.6330W
LTP/FTP ELLIPSOIDAL HEIGHT	+01981
FPAP LATITUDE	400146.7885N
FPAP LONGITUDE	0881547.4775W
THRESHOLD CROSSING HEIGHT (TCH)	00047.9
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0280
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER

BC9E34F8

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02300
FPAP ORTHOMETRIC HEIGHT	+02300



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RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

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ARINC PACKET - 424-18 - RNAV (GPS)

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3	
SUSAP	KCMIK5FR14L	ABLLUE	010BLLUEK5EA0E	A	IF					18000		A	JS	
SUSAP	KCMIK5FR14L	ABLLUE	020RRREDK5EA0EE	B	010TF		04300056	+	02800			A	JS	
SUSAP	KCMIK5FR14L	ARBS	010RBS	K5D	0V					18000		A	JS	
SUSAP	KCMIK5FR14L	ARBS	020ORANJK5EA0E	A	020TF		21050225	+	02800			A	JS	
SUSAP	KCMIK5FR14L	ARBS	030RRREDK5EA0EE	B	010TF		22850050	+	02800			A	JS	
SUSAP	KCMIK5FR14L	ARRRED	010RRREDK5EA0EE	AR	HF		13850040	+	02800	18000		A	JS	
SUSAP	KCMIK5FR14L	R	010RRREDK5EA0E	I	IF			+	02800	18000		A	JS	
SUSAP	KCMIK5FR14L	R	020GRANJK5EA1E	F	051TF		13850061	+	02700		RW14L	K5PGA	JS	
SUSAP	KCMIK5FR14L	R	020GRANJK5EA2WALPV			ALNAV/VNAV	ALNAV						JS	
SUSAP	KCMIK5FR14L	R	021WORNOK5EA0E	S	031TF		13850040	V	0138001411		-300		A	JS
SUSAP	KCMIK5FR14L	R	030RW14LK5PG0GY	M	031TF		13850019		00803		-300		A	JS
SUSAP	KCMIK5FR14L	R	040		M	CA	1385	+	00955				A	JS
SUSAP	KCMIK5FR14L	R	0500DEBEK5EA0EY		DF				02600				A	JS
SUSAP	KCMIK5FR14L	R	0600DEBEK5EA0EE	R	HM		31870040	+	02600				A	JS

[illegible]

CITY AND STATE
CHAMPAIGN/URBANA, IL

ELEVATION: 755	TDZE: 755
AIRPORT NAME: UNIVERSITY OF ILLINOIS-WILLARD	

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) RWY 14L, ORIG-A
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PP 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KCMIK5PR14L RW14L001 0000W14A0N4002505040W08817086330+019810300N4001467885W08815474775106750280000479F400350BC9E34F8
SUSAP KCMIK5PR14L RW14L002E +02300+02300LPV 86419

1 2 3 4 5 6 7 8 9 0 1 2 3
MSA 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KCMIK5SRW14LK5PG 0 18018003125 M

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	BLLUE	BLLUE	010	IAF	IF		FB					
	BLLUE	RRRED	020		TF		FB	1.0	043.0 (040.0T)	005.6	AA 02800	
	RBS	RBS	010		IF		FB					
	RBS	ORANJ	020	IAF	TF		FB	2.0	210.5 (207.5T)	022.5	AA 02800	
	RBS	RRRED	030		TF		FB	1.0	228.5 (225.5T)	005.0	AA 02800	
	RRRED	RRRED	010	IAF	HF	R	FO		138.5 (135.5T)	004.0	AA 02800	
		RRRED	010	FACF	IF		FB				AA 02800	
		GRANJ	020	FAF	TF		FB	0.5	138.5 (135.5T)	006.1	AA 02700	
		WORN0	021	SDF	TF		FB	0.3	138.5 (135.5T)	004.0	AA 01380 GS 01411	
		RW14L	030	MAP	TF		FO	0.3	138.5 (135.5T)	001.9	AT 00803	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		138.5 (135.5T)		AA 00955	
	ODEBE	050		DF		FO				AA 02600	
	ODEBE	060		HM	R	FO		318.7 (315.7T)	004.0	AA 02600	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	RBS	N403454.13	W0880951.36	N4034.902	W08809.856
	BLLUE	N400709.20	W0883245.48	N4007.153	W08832.758
	GRANJ	N400701.89	W0882229.43	N4007.032	W08822.491
	ODEBE	N395317.87	W0880501.42	N3953.298	W08805.024
	ORANJ	N401455.20	W0882326.62	N4014.920	W08823.444
	RRRED	N401124.79	W0882805.98	N4011.413	W08828.100
	WORN0	N400412.00	W0881852.53	N4004.200	W08818.876
	RW14L	N400250.50	W0881708.63	N4002.842	W08817.144

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW14L	00755	48

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