

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: RW14 CLIMB TO 3000 DIRECT CINOT AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 316.58 INBOUND. CHART FAS OBST: 1029 TREE 431011N/0892148W OBST: 1260 AAO 431253N/0892457W DISTANCE TO THLD FROM 200 HATH: 0.45 NM. CHART VDP AT 1.18 MILES TO RW14* *LNAV ONLY. WAAS CHANNEL # 86821 REFERENCE PATH ID: W14A LTP HAE: 227.3 M			
MSN VORTAC	SIDCO (FO)	316.79 / 11.11	3200				
WREST (IAF)	SIDCO (NOPT) (FB)	200.88 / 15.22	3200				
NEGUS (IAF)	SIDCO (NOPT) (FB)	079.70 / 14.12	3200				
SIDCO (IF/IAF)	UFDIM (FB)	136.32 / 6.02	2500				
UFDIM (FAF)	HIREX/1.90 NM TO RW14 (FB)	136.39 / 3.08					
HIREX/1.90 NM TO RW14	RW14 (MAP) (FO)	136.39 / 1.90					
(SEE FORM 8260-10)							

1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)			
2. HOLD NW SIDCO, RT, 136.32 INBOUND, 3200 FT. IN LIEU OF PT (IAF)			
3. FAC: <u>136.39</u> FAF: <u>UFDIM</u>		DIST FAF TO MAP: <u>4.98</u> THLD: <u>4.98</u>	
4. MIN. ALT: <u>SIDCO 3200, UFDIM 2500, HIREX/1.90 NM TO RW14 1500*</u>			
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>2500</u> GS ALT AT: <u>UFDIM 2500</u> OM: <u> </u> MM: <u> </u> IM: <u> </u>			
7. GS ANGLE: <u>3.00</u> TCH: <u>55.0</u> 34:1 IS NOT CLEAR			
8. MSA FROM: <u>RW14 3600</u>			

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	1059	3/4	200	1059	3/4	200	1059	3/4	200	1059	3/4	200			
LNAV/VNAV DA	1244	1 1/4	385	1244	1 1/4	385	1244	1 1/4	385	1244	1 1/4	385			
LNAV MDA	1280	1	421	1280	1	421	1280	1 1/4	421	1280	1 1/4	421			
CIRCLING	1520	1	633	1520	1	633	1520	1 3/4	633	1520	2	633			

NOTES:
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -12C (11F) OR ABOVE 54C (130F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WREST ON V170 EASTBOUND.
 (SEE FORM 8260-10)

CITY AND STATE MADISON, WI	ELEVATION: 887 THRE: 859 AIRPORT NAME: DANE COUNTY RGNL-TRUAX FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 14, AMDT 2B 14 NOVEMBER 2013	SUP: AMDT: 2A DATED 5/29/2013
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US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW14 (MAP)	1059 MSL	136.39	
1059 MSL	CINOT (FO)		3000

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON MSN VORTAC AIRWAY RADIALS 231 CW 031.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

QUALITY
6
CHECKED

CITY AND STATE
MADISON, WI

ELEVATION: 887 THRE: 859
AIRPORT NAME:
DANE COUNTY RGNL-TRUAX FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 14, AMDT 2B
14 NOVEMBER 2013

SUP:
AMDT: 2A
DATED: 5/29/2013

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

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KMSN
RUNWAY RW14
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W14A
LTP/FTP LATITUDE 430849.0570N
LTP/FTP LONGITUDE 0892025.1945W
LTP/FTP ELLIPSOIDAL HEIGHT +02273
FPAP LATITUDE 430744.4800N
FPAP LONGITUDE 0891901.3400W
THRESHOLD CROSSING HEIGHT (TCH) 00055.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1112
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 35.0

CRC REMAINDER

45D78C12

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5
LTP ORTHOMETRIC HEIGHT +02618
FPAP ORTHOMETRIC HEIGHT +02618

QUICK
CHECKED

CITY AND STATE

MADISON, WI

ELEVATION: 887

THRE: 859

AIRPORT NAME:

DANE COUNTY RGNL-TRUAX FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

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[illegible]

WP	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAEAE	NRT	CINOT	K50	W	N42584114	W089071855		W0027	NAR		CINOT		
SUSAEAE	NRT	HIREX	K50	W	N43101168	W089221254		W0026	NAR		HIREX		
SUSAEAE	NRT	NEGUS	K50	C	L N43141701	W089494910		W0022	NAR		NEGUS		
SUSAEAE	NRT	SIDCO	K50	W	N43164697	W089304782		W0025	NAR		SIDCO		
SUSAEAE	NRT	UFDIM	K50	W	N43122553	W089250671		W0025	NAR		UFDIM		
SUSAEAE	NRT	WREST	K50	C	L N43310070	W089232210		W0026	NAR		WREST		

[illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KMSNK5FR14	AMSN	010MSN	K5D	OV	IF				18000		A	JS
SUSAP	KMSNK5FR14	AMSN	020SIDCOK5EA0EY	020TF			31680111	+	03200			A	JS
SUSAP	KMSNK5FR14	AMSN	030SIDCOK5EA0EE	AR	HF		13630040	+	03200			A	JS
SUSAP	KMSNK5FR14	ANEGUS	010NEGUSK5EA0E	A	IF					18000		A	JS
SUSAP	KMSNK5FR14	ANEGUS	020SIDCOK5EA0EE	B	010TF		07970141	+	03200			A	JS
SUSAP	KMSNK5FR14	AWREST	010WRESTK5EA0E	A	IF					18000		A	JS
SUSAP	KMSNK5FR14	AWREST	020SIDCOK5EA0EE	B	010TF		20090152	+	03200			A	JS
SUSAP	KMSNK5FR14	R	010SIDCOK5EA0E	I	IF			+	03200	18000		A	JS
SUSAP	KMSNK5FR14	R	020UFDIMK5EA1E	F	051TF		13630060	+	02500		RW14	K5PGA	JS
SUSAP	KMSNK5FR14	R	020UFDIMK5EA2WALPV			ALNAV/VNAV	ALNAV						JS
SUSAP	KMSNK5FR14	R	021HIREXK5EA0E	S	031TF		13640031	V	0150001519	-300		A	JS
SUSAP	KMSNK5FR14	R	030RW14	K5PGOGY	M	031TF	13640019		00914	-300		A	JS
SUSAP	KMSNK5FR14	R	040		O	M	CA	1364	+	01059		A	JS
SUSAP	KMSNK5FR14	R	050CINOTK5EA0EY		DF			+	03000			A	JS
SUSAP	KMSNK5FR14	R	060CINOTK5EA0EE	R	HM		31660040	+	03000			A	JS

[illegible]

CITY AND STATE MADISON, WI	ELEVATION: 887 THRE: 859 AIRPORT NAME: DANE COUNTY RGNL-TRUAX FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 14, AMDT 2B 14 NOVEMBER 2013	SUP: CHECKED
				AMDT: 2A
				DATED: 5/29/2013

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

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[illegible][illegible]

QUALITY
6
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CITY AND STATE MADISON, WI	ELEVATION: 887	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 14, AMDT 2B 14 NOVEMBER 2013	SUP:
	AIRPORT NAME: DANE COUNTY RGNL-TRUAX FIELD			AMDT: 2A
				DATED: 5/29/2013

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

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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
MSN		MSN	010		IF		FB					
MSN		SIDCO	020		TF		FO	2.0	316.8 (316.8T)	011.1	AA 03200	
MSN		SIDCO	030	IAF	HF	R	FO		136.3 (136.3T)	004.0	AA 03200	
NEGUS		NEGUS	010	IAF	IF		FB					
NEGUS		SIDCO	020		TF		FB	1.0	079.7 (079.7T)	014.1	AA 03200	
WREST		WREST	010	IAF	IF		FB					
WREST		SIDCO	020		TF		FB	1.0	200.9 (200.9T)	015.2	AA 03200	
		SIDCO	010	FACF	IF		FB				AA 03200	
		UFDIM	020	FAF	TF		FB	0.5	136.3 (136.3T)	006.0	AA 02500	
		HIREX	021	SDF	TF		FB	0.3	136.4 (136.4T)	003.1	AA 01500	GS 01519
		RW14	030	MAP	TF		FO	0.3	136.4 (136.4T)	001.9	AT 00914	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		136.4 (136.4T)		AA 01059	
	CINOT	050		DF		FO				AA 03000	
	CINOT	060		HM	R	FO		316.6 (316.6T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	MSN	N430841.41	W0892022.91	N4308.690	W08920.382
	CINOT	N425841.14	W0890718.55	N4258.686	W08907.309
	HIREX	N431011.68	W0892212.54	N4310.195	W08922.209
	NEGUS	N431417.01	W0894949.10	N4314.284	W08949.818
	SIDCO	N431646.97	W0893047.82	N4316.783	W08930.797
	UFDIM	N431225.53	W0892506.71	N4312.426	W08925.112
	WREST	N433100.70	W0892322.10	N4331.012	W08923.368
	RW14	N430849.06	W0892025.19	N4308.818	W08920.420

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW14	00859	55

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6
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	AIRPORT NAME: DANE COUNTY RGNL-TRUAX FIELD		RNAV	RNAV (GPS) RWY 14, AMDT 2B 14 NOVEMBER 2013	AMDT: 2A
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