

US DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

**RNAV (GPS) - STANDARD  
INSTRUMENT APPROACH PROCEDURE  
FAR 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	
NEROE	AMIDE (FB)	312.66 / 19.50	2500	LPV: DA LNAV/VNAV: DA LNAV: RW24
SPRYS	CELNA (FB)	154.30 / 20.74	2500	
BECKY	HAMRO (FO)	087.96 / 30.61	2500	CLIMB TO 2500 DIRECT KILBY AND HOLD.
AMIDE (IAF)	HAMRO (NOPT) (FB)	332.13 / 5.00	2500	
CELNA (IAF)	HAMRO (NOPT) (FB)	152.05 / 5.00	2500	ADDITIONAL FLIGHT DATA: HOLD SW, RT, 061.70 INBOUND. CHART FAS OBST: 824 TOWER 442954N/0880641W CHART FAS OBST: 850 TOWER 443206N/0880139W CHART 965 STACK 443224N/0880030W. DISTANCE TO THLD FROM 289 HAT: 0.75 NM. CHART VDP AT 1.16 MILES TO RW24* *LNAV ONLY. WAAS CHANNEL # 99515 REFERENCE PATH ID: W24A CHART: TDZ ELEVATION 681 CHART ASR
HAMRO (IF/IAF)	LMMBO (FB)	242.09 / 6.10	2400	

- PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
- HOLD NE HAMRO, RT, 242.09 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
- FAC: 242.00 FAF: LMMBO DIST FAF TO MAP: 5.17 THLD: 5.17
- MIN. ALT: HAMRO 2500, LMMBO 2400
- DIST TO THLD FROM OM:        MM:        IM:        150 HAT:        100 HAT:        GS ANT:
- MIN GS INCPT: 2400 GS ALT AT: LMMBO OM:        MM:        IM:
- GS ANGLE: 3.00 TCH: 50.1 34:1 IS CLEAR
- MSA FROM: RW24 3100

MAG VAR: 2W

EPOCH YEAR: 1985

**MINIMUMS**

TAKEOFF:		STANDARD	X	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	970	1	289	970	1	289	970	1	289	970	1	289				
LNAV/VNAV DA	1143	1 1/2	462	1143	1 1/2	462	1143	1 1/2	462	1143	1 1/2	462				
LNAV MDA	1100	1	419	1100	1	419	1100	1 1/4	419	1100	1 1/4	419				
CIRCLING	1200	1	505	1200	1	505	1200	1 1/2	505	1260	2	565				

NOTES:  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).  
CHART NOTE: DME/DME RNP-0.3 NA.  
CHART NOTE: PROCEDURE NA FOR ARRIVALS AT SPRYS VIA V9 NORTHBOUND, ARRIVALS AT NEROE VIA V26-55  
SOUTHEAST BOUND, AND ARRIVALS AT BECKY VIA V55 WESTBOUND.

QUALITY  
9  
CHECKED

CITY AND STATE <b>GREEN BAY, WI</b>	ELEVATION: 695 TDZE: 681 AIRPORT NAME: <b>AUSTIN STRAUBEL INTL</b>	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: <b>RNAV (GPS) RWY 24, AMDT 1 24 SEP 2009</b>	SUP: AMDT: <b>ORIG-A</b> DATED <b>07/03/2008</b>
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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGRB
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	442934.9060N
LTP/FTP LONGITUDE	0880645.0570W
LTP/FTP ELLIPSOIDAL HEIGHT	+01715
FPAP LATITUDE	442850.2500N
FPAP LONGITUDE	0880832.7600W
THRESHOLD CROSSING HEIGHT (TCH)	00050.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0400
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

B4D4D26B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02077
FPAP ORTHOMETRIC HEIGHT	+02077

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GREEN BAY, WI

ELEVATION: 695 TDZE: 681

AIRPORT NAME:

AUSTIN STRAUBEL INTL

FACILITY  
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 24, AMDT 1

24 SEP 2009

SUP:

AMDT: ORIG-A

DATED: 07/03/2008

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KGRBK5FR24	ABECKY	010BECKYK5EA0E		IF					18000		A	JS
SUSAP	KGRBK5FR24	ABECKY	020HAMROK5EA0EY	020TF			08800306	+	02500			A	JS
SUSAP	KGRBK5FR24	ABECKY	030HAMROK5EA0EE	AR	HF		24210040	+	02500			A	JS
SUSAP	KGRBK5FR24	ANEROE	010NEROEK5EA0E		IF					18000		A	JS
SUSAP	KGRBK5FR24	ANEROE	020AMIDEK5EA0E	A	020TF		31270195	+	02500			A	JS
SUSAP	KGRBK5FR24	ANEROE	030HAMROK5EA0EE		010TF		33210050	+	02500			A	JS
SUSAP	KGRBK5FR24	ASPRYS	010SPRYSK5EA0E		IF					18000		A	JS
SUSAP	KGRBK5FR24	ASPRYS	020CELNAK5EA0E	A	020TF		15430207	+	02500			A	JS
SUSAP	KGRBK5FR24	ASPRYS	030HAMROK5EA0EE		010TF		15210050	+	02500			A	JS
SUSAP	KGRBK5FR24	R	010HAMROK5EA0E	I	IF					18000		A	JS
SUSAP	KGRBK5FR24	R	020LMMBOK5EA1E	F	051TF		24210061	+	02400		RW24	K5PGA	JS
SUSAP	KGRBK5FR24	R	020LMMBOK5EA2WALPV		ALNAV/VNAV	ALNAV							JS
SUSAP	KGRBK5FR24	R	030RW24	K5PG0GY	M	031TF	24200052		00731	-300		A	JS
SUSAP	KGRBK5FR24	R	040KILBYK5EA0EYM		010DF			+	02500			A	JS
SUSAP	KGRBK5FR24	R	050KILBYK5EA0EE		R020HM		06170040	+	02500			A	JS

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	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
-----													
SUSAP KGRBK5GRW24	0076992419	N44293491W	088064506+0100	+0171500681000050150R									
-----													
	1	2	3	4	5	6	7	8	9	0	1	2	3
PP	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
-----													
SUSAP KGRBK5PR24	RW24	001	0000W24A	0N4429349060W	08806450570+017150300N	4428502500W	08808327600106750400000501F	400500B4D4D26B					
SUSAP KGRBK5PR24	RW24	002E	+02077+02077LPV		99515								
-----													
	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
-----													
SUSAP KGRBK5SRW24	K5PG	0		18018003125									M

QUALITY  
1  
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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	BECKY	BECKY	010		IF		FB				
	BECKY	HAMRO	020		TF		FO	2.0	088.0 (086T)	030.6	02500
	BECKY	HAMRO	030	IAF	HF	R	FO		242.1 (240T)	004.0	02500
	NEROE	NEROE	010		IF		FB				
	NEROE	AMIDE	020	IAF	TF		FB	2.0	312.7 (311T)	019.5	02500
	NEROE	HAMRO	030		TF		FB	1.0	332.1 (330T)	005.0	02500
	SPRYS	SPRYS	010		IF		FB				
	SPRYS	CELNA	020	IAF	TF		FB	2.0	154.3 (152T)	020.7	02500
	SPRYS	HAMRO	030		TF		FB	1.0	152.1 (150T)	005.0	02500
		HAMRO	010	FACF	IF		FB				02500
		LMMBO	020	FAF	TF		FB	0.5	242.1 (240T)	006.1	02400
		RW24	030	MAP	TF		FO	0.3	242.0 (240T)	005.2	00731

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	KILBY	040		DF		FO	1.0			02500
	KILBY	050		HM	R	FO	2.0	061.7 (060T)	004.0	02500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AMIDE	N443052.81	W0874937.14	N4430.880	W08749.619
	BECKY	N443311.51	W0883549.90	N4433.192	W08835.832
	CELNA	N443932.88	W0875635.78	N4439.548	W08756.596
	HAMRO	N443512.90	W0875306.20	N4435.215	W08753.103
	KILBY	N442126.67	W0882616.23	N4421.445	W08826.271
	LMMBO	N443210.03	W0880030.07	N4432.167	W08800.501
	NEROE	N441812.34	W0872856.89	N4418.206	W08728.948
	SPRYS	N445755.26	W0881005.96	N4457.921	W08810.099
	RW24	N442934.91	W0880645.06	N4429.582	W08806.751

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW24	00681	50

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