

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: RW36 CLIMB TO 3000 DIRECT AYECO AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 184.94 INBOUND. CHART FAS OBST: 1067 STCK 430632N/0892126W CHART: ASR. DISTANCE TO THLD FROM 200 HAT: 0.45 NM. WAAS CHANNEL # 82721 REFERENCE PATH ID: W36A CHART CIRCLING ICON. LTP HAE: 228.3 M						
THEBO		WENAT (FB)		123.05 / 12.73				3000								
JVL VOR/DME		OFAGO (FB)		338.10 / 16.66				3100								
DEBOW		COBLE (FB)		301.94 / 19.56				3000								
WENAT (IAF)		DEKEY (NOPT) (FB)		034.95 / 6.00				3000								
OFAGO (IAF)		DEKEY (NOPT) (FB)		338.00 / 9.00				3000								
COBLE (IAF)		DEKEY (NOPT) (FB)		305.03 / 6.00				3000								
DEKEY (IF/IAF)		FELIL (FB)		004.93 / 3.74				2700								
(SEE FORM 8260-10)																
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD S DEKEY, RT, 004.93 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 004.94 FAF: OZMIX _____ DIST FAF TO MAP: 4.96 THLD: 4.96 4. MIN. ALT: DEKEY 3000, FELIL 2700, OZMIX 2500, ZIMIT/1.60 NM TO RW36 1420* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2500 GS ALT AT: OZMIX 2500 _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 58.1 34:1 IS CLEAR 8. MSA FROM: RW36 3600																
										MAG VAR: 3W			EPOCH YEAR: 2020			
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	1062	2400	200	1062	2400	200	1062	2400	200	1062	2400	200				
LNAV/VNAV DA	1331	6000	469	1331	6000	469	1331	6000	469	1331	6000	469				
LNAV MDA	1300	2400	438	1300	2400	438	1300	4000	438	1300	4000	438				
CIRCLING	1420	1	533	1460	1	573	1460	1 1/2	573	1700	2 3/4	813				
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C (-2F) OR ABOVE 54C @ CAT D 900-2 3/4 (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT THEBO ON V341 SOUTHWEST BOUND. (CONTINUED ON PAGE 2)																
CITY AND STATE		ELEVATION: 887 TDZE: 862				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:				
MADISON, WI		AIRPORT NAME:						RNAV (GPS) RWY 36, AMDT 2D, 2/4/2016				AMDT: 2C				
		DANE COUNTY RGNL-TRUAX FIELD										DATED 09/17/2015				

QUALITY
 10
 CHECKED

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
FELIL	OZMIX (FB)	004.91 / 2.19	2500
OZMIX (FAF)	ZIMIT/1.60 NM TO RW36 (FB)	004.94 / 3.36	
ZIMIT/1.60 NM TO RW36	RW36 (MAP) (FO)	004.93 / 1.60	
RW36 (MAP)	1062 MSL	004.93	
1062 MSL	AYECO (FO)		3000

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DEBOW ON V228 SOUTHEAST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON JVL VORTAC AIRWAY RADIALS 260 CW 044.

*LNAV ONLY

CHART NOTE: FOR INOPERATIVE ALSF-2, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 1/2 MILES.

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

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMSN
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	430737.8760N
LTP/FTP LONGITUDE	0892031.3385W
LTP/FTP ELLIPSOIDAL HEIGHT	+02283
FPAP LATITUDE	430906.9600N
FPAP LONGITUDE	0892027.2200W
THRESHOLD CROSSING HEIGHT (TCH)	00058.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0312
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
 <u>CRC REMAINDER</u>	 F962CBDE

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02627
FPAP ORTHOMETRIC HEIGHT	+02627

CITY AND STATE

MADISON, WI

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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33

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ARINC SUMMARY - KMSN

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
DEBOW	010	DEBOW	IF	FB										E
DEBOW	020	COBLE	TF	FB	2.0	301.9						AA 03000		E A
DEBOW	030	DEKEY	TF	FB	1.0	305.0						AA 03000		EE B
DEKEY	010	DEKEY	HF	FO		004.9			R			AA 03000		EE A
JVL	010	JVL	IF	FB										V
JVL	020	OFAGO	TF	FB	2.0	338.1						AA 03100		E A
JVL	030	DEKEY	TF	FB	1.0	338.0						AA 03000		EE B
THEBO	010	THEBO	IF	FB										E
THEBO	020	WENAT	TF	FB	2.0	123.1						AA 03000		E A
THEBO	030	DEKEY	TF	FB	1.0	035.0						AA 03000		EE B
	010	DEKEY	IF	FB								AA 03000		E I
	011	FELIL	TF	FB	1.0	004.9						AA 02700		E
	020	OZMIX	TF	FB	1.0	004.9				RW36		AA 02500		E F
	021	ZIMIT	TF	FB	0.3	004.9		3.00				AA 01420 GS 01431		E S
	030	RW36	TF	FO	0.3	004.9		3.00				AT 00920		GY M
	040		CA	FB		004.9						AA 01062		M
	050	AYECO	DF	FO								AA 03000		EY
	060	AYECO	HM	FO		184.9			R			AA 03000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
JVL	N423328.83	W0890618.93
AYECO	N432044.28	W0891954.88
COBLE	N425333.95	W0891405.76
DEBOW	N424408.30	W0885048.92
DEKEY	N425644.71	W0892101.31
FELIL	N430028.91	W0892051.04
OFAGO	N424835.39	W0891550.69
OZMIX	N430240.30	W0892045.08
THEBO	N425802.89	W0894019.94
WENAT	N425139.25	W0892520.70
ZIMIT	N430601.92	W0892035.75

RUNWAYS

THRESHOLD	THRESHOLD	THRESHOLD	PROCEDURE
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RUNWAY	LATITUDE	LONGITUDE	ELEVATION	TCH	
RW36	N430737.88	W0892031.34	00862	58.1	
CITY AND STATE MADISON, WI		ELEVATION: 887 TDZE: 862 AIRPORT NAME: DANE COUNTY RGNL-TRUAX FIELD		FACILITY IDENTIFIER: RNAV	
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