

<b>US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION</b>		<b>RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33</b>		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.	
<b>TERMINAL ROUTES</b>				<b>MISSED APPROACH</b>	
<b>FROM</b>	<b>TO</b>	<b>COURSE AND DISTANCE</b>	<b>ALTITUDE</b>	LPV: DA LNAV/VNAV: DA LNAV: RW33  CLIMB TO 3400 DIRECT YISRU AND HOLD.  <b>ADDITIONAL FLIGHT DATA:</b> HOLD NW, RT, 149.67 INBOUND. FAS OBST: 1869 AAO 435725N/0970247W DISTANCE TO THLD FROM 250 HATH: 0.66 NM. WAAS CHANNEL # 58321 REFERENCE PATH ID: W33A LTP HAE: 495.3 M	
FRYRE (IAF)	APEZY (NOPT) (FB)	031.56 / 7.00	3700		
APEZY	GIZBU (FB)	031.63 / 4.54	3400		
FSD VORTAC (IAF)	GIZBU (NOPT) (FB)	320.98 / 14.10	3400		
SECTO (IAF)	GIZBU (NOPT) (FB)	273.83 / 20.81	3400		
GIZBU (IF/IAF)	YUVED (FB)	329.82 / 6.10	3400		
YUVED (FAF)	RW33 (MAP) (FO)	329.78 / 5.19			
RW33 (MAP)	1960 MSL	329.78			
1960 MSL	YISRU (FO)		3400		
1. PT <u>      </u> SIDE OF COURSE <u>      </u> OUTBOUND <u>      </u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF) 2. HOLD SE GIZBU, RT, 329.82 INBOUND, 3400 FT. IN LIEU OF PT (IAF) 3. FAC: 329.78 FAF: YUVED DIST FAF TO MAP: 5.19 THLD: 5.19 4. MIN. ALT: GIZBU 3400, YUVED 3400 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: 3400 GS ALT AT: YUVED 3400 OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 7. GS ANGLE: 3.00 TCH: 39.0 34:1 IS NOT CLEAR 8. MSA FROM: RW33 4100					
				MAG VAR: 4E EPOCH YEAR: 2010	
<b>MINIMUMS</b>					
<b>TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT</b>			<b>ALTERNATE: N A</b>		
<b>CATEGORY &gt;&gt;&gt;&gt;&gt;</b>			<b>STANDARD @</b>		
	<b>A</b>		<b>B</b>		<b>C</b>
	<b>DH/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DH/MDA</b>	<b>VIS</b>
LPV DA	1960	1	250	1960	1
LNAV/VNAV DA	2010	1	300	2010	1
LNAV MDA	2120	1	410	2120	1 1/8
CIRCLING	2180	1	462	2180	1 1/2
<b>NOTES:</b> CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 33C (91F). CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 33 PROCEDURE NA AT NIGHT. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. (SEE FORM 8260-10)					
<b>CITY AND STATE</b>		<b>ELEVATION: 1718 THRE: 1710</b>		<b>FACILITY IDENTIFIER:</b>	
MADISON, SD		AIRPORT NAME: MADISON MUNI		RNAV	
<b>PROCEDURE NO./AMDT NO./EFFECTIVE DATE:</b>				<b>SUP:</b>	
RNAV (GPS) RWY 33, ORIG				AMDT: NONE	
30 JUN 2011				DATED	

QUALITY  
4  
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
RNAV - STANDARD  
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON FSD VORTAC AIRWAY RADIALS 297 CW 340.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BROOKINGS ALTIMETER SETTING AND INCREASE ALL DA 58 FEET AND ALL MDA 60 FEET. INCREASE LNAV/VNAV ALL CATS VISIBILITIES TO 1 1/4 AND LNAV CAT C/D VISIBILITIES TO 1 3/8 MILE.

CHART NOTE: CIRCLING NA TO RWYS 3 AND 21.

CHART NOTE: WHEN RWY 15 VGSi INOP, CIRCLING TO RWY 15 NA AT NIGHT.

CHART NOTE: BARO-VNAV NA WHEN USING BROOKINGS ALTIMETER SETTING.

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CITY AND STATE MADISON, SD	ELEVATION: 1718	THRE: 1710	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 33, ORIG 30 JUN 2011	SUP:
	AIRPORT NAME: MADISON MUNI				AMDT: NONE
					DATED:

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				AMDT: <b>NONE</b>
				DATED:

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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 KMDS  
RUNWAY RW33  
APPROACH PERFORMANCE DESIGNATOR 0  
ROUTE INDICATOR 0  
REFERENCE PATH DATA SELECTOR W33A  
REFERENCE PATH IDENTIFIER (APPROACH ID) 440038.2120N  
LTP/FTP LATITUDE 0970456.9575W  
LTP/FTP LONGITUDE +04953  
LTP/FTP ELLIPSOIDAL HEIGHT 440158.1200N  
FPAP LATITUDE 0970551.6100W  
FPAP LONGITUDE 00039.0  
THRESHOLD CROSSING HEIGHT (TCH) F  
TCH UNITS SELECTOR (METERS OR FEET USED) 03.00  
GLIDEPATH ANGLE (GPA) 106.75  
COURSE WIDTH AT THRESHOLD 1224  
LENGTH OFFSET 40.0  
HORIZONTAL ALERT LIMIT (HAL) 50.0  
VERTICAL ALERT LIMIT (VAL)

CRC REMAINDER

FD0ED71D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K3  
LTP ORTHOMETRIC HEIGHT +05211  
FPAP ORTHOMETRIC HEIGHT +05211

QUALITY  
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CITY AND STATE

MADISON, SD

ELEVATION: 1718

THRE: 1710

AIRPORT NAME:

MADISON MUNI

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

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[illegible]

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	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KMDSK3GRW33	0050003297	N44003821W097045696+0200										
PP	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KMDSK3PR33	RW33 001 0000W33A0N4400382120W09704569575+049530300N4401581200W09705516100106751224000390F400500FD0ED71D											
	SUSAP KMDSK3PR33	RW33 002E	+05211+05211LPV	58321									
MSA	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KMDSK3SRW33 K3PG	0	18018004125										

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MADISON, SD

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