

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		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: RW27  CLIMB TO 3400 DIRECT NUYIG AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD W, RT, 089.58 INBOUND. CHART FAS OBST: 1594 POLE 430316N/0981559W DISTANCE TO THLD FROM 369 HATH: 1.03 NM. WAAS CHANNEL # 40134 REFERENCE PATH ID: W27A CHART CIRCLING ICON CHART YANKTON AWOS-3 LTP HAE: 420.3 M									
CURIR	NEBYI (FO)	014.42 / 19.86				3400											
TECUD (IAF)	NEBYI (NOPT) (FB)	196.77 / 31.57				3400											
PUKIC (IAF)	NEBYI (NOPT) (FB)	250.36 / 24.81				3400											
YKN VOR/DME (IAF)	NEBYI (NOPT) (FB)	280.64 / 33.25				3400											
NEBYI (IF/IAF)	FOFGU (FB)	269.86 / 3.00				3000											
FOFGU (FAF)	SUJYO/2.20 NM TO RW27 (FB)	269.81 / 2.49															
(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 E NEBYI, RT, 269.86 INBOUND, 3400 FT. IN LIEU OF PT (IAF) 3. FAC: 269.81 FAF: FOFGU DIST FAF TO MAP: 4.69 THLD: 4.69 4. MIN. ALT: NEBYI 3400, FOFGU 3000, SUJYO/2.20 NM TO RW27 2200' 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: 3000 GS ALT AT: FOFGU 3000 OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR 8. MSA FROM: RW27 3500																	
										MAG VAR: 4E				EPOCH YEAR: 2015			
MINIMUMS																	
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N A X							
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	1834	1 1/4	369	1834	1 1/4	369		NA			NA						
LNAV/VNAV DA	1993	1 7/8	528	1993	1 7/8	528		NA			NA						
LNAV MDA	1980	1	515	1980	1	515		NA			NA						
CIRCLING	2080	1	602	2080	1	602		NA			NA						
NOTES: CHART NOTE: BARO-VNAV NA. CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT YKN VOR/DME ON V250 NORTHEAST BOUND. CHART PROFILE NOTE: VGSi AND RNAV GLIDEPATH NOT COINCIDENT. (SEE FORM 8260-10)																	
CITY AND STATE WAGNER, SD				ELEVATION: 1478 THRE: 1465 AIRPORT NAME: WAGNER MUNI				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27, ORIG 17 OCTOBER 2013				SUP: AMDT: NONE DATED			

QUALITY  
2  
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
**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, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SUJYO/2.20 NM TO RW27	RW27 (MAP) (FO)	269.81 / 2.20	
RW27 (MAP)	1834 MSL	269.81	
1834 MSL	NUYIG (FO)		3400

NOTES, (CONT.):

\*LNAV ONLY

CHART NOTE: USE YANKTON ALTIMETER SETTING; WHEN NOT RECEIVED USE O'NEILL ALTIMETER SETTING AND INCREASE ALL DA 51 FT, ALL MDA 60 FEET AND INCREASE LPV ALL CATS AND LNAV/VNAV ALL CATS VISIBILITY 1/8 MILE.

CHART NOTE: RWY 27 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED.

QUALITY  
2  
CHECKED

CITY AND STATE WAGNER, SD	ELEVATION: 1478	THRE: 1465	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27, ORIG 17 OCTOBER 2013	SUP:
	AIRPORT NAME: WAGNER MUNI				AMDT: NONE
					DATED:

RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - 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.

FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0  
SBAS SERVICE PROVIDER IDENTIFIER 0  
AIRPORT IDENTIFIER KAGZ  
RUNWAY RW27  
APPROACH PERFORMANCE DESIGNATOR 0  
ROUTE INDICATOR  
REFERENCE PATH DATA SELECTOR 0  
REFERENCE PATH IDENTIFIER (APPROACH ID) W27A  
LTP/FTP LATITUDE 430352.6500N  
LTP/FTP LONGITUDE 0981726.7135W  
LTP/FTP ELLIPSOIDAL HEIGHT +04203  
FPAP LATITUDE 430358.4450N  
FPAP LONGITUDE 0981928.0060W  
THRESHOLD CROSSING HEIGHT (TCH) 00040.0  
TCH UNITS SELECTOR (METERS OR FEET USED) F  
GLIDEPATH ANGLE (GPA) 03.00  
COURSE WIDTH AT THRESHOLD 106.75  
LENGTH OFFSET 1680  
HORIZONTAL ALERT LIMIT (HAL) 40.0  
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

8E7AB4BE

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K3  
LTP ORTHOMETRIC HEIGHT +04466  
FPAP ORTHOMETRIC HEIGHT +04466

CITY AND STATE

WAGNER, SD

ELEVATION: 1478

THRE: 1465

AIRPORT NAME:

WAGNER MUNI

FACILITY  
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 27, ORIG

17 OCTOBER 2013

SUP:

AMDT: NONE

DATED:

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.

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KAGZK3FR27	ACURIR	010	CURIRK3EA0E	IF						18000		A	JS
SUSAP KAGZK3FR27	ACURIR	020	NEBYIK3EA0EY	020TF			01440199	+	03400			A	JS
SUSAP KAGZK3FR27	ACURIR	030	NEBYIK3EA0EE	AR HF			26990040	+	03400			A	JS
SUSAP KAGZK3FR27	APUKIC	010	PUKICK3EA0E	A IF						18000		A	JS
SUSAP KAGZK3FR27	APUKIC	020	NEBYIK3EA0EE	B 010TF			25040248	+	03400			A	JS
SUSAP KAGZK3FR27	ATECUD	010	TECUDK3EA0E	A IF						18000		A	JS
SUSAP KAGZK3FR27	ATECUD	020	NEBYIK3EA0EE	B 010TF			19680316	+	03400			A	JS
SUSAP KAGZK3FR27	AYKN	010	YKN K3D 0V	A IF						18000		A	JS
SUSAP KAGZK3FR27	AYKN	020	NEBYIK3EA0EE	B 010TF			28060333	+	03400			A	JS
SUSAP KAGZK3FR27	R	010	NEBYIK3EA0E	I IF						18000		A	JS
SUSAP KAGZK3FR27	R	020	FOFGUK3EA1E	F 051TF			26990030	+	03000		RW27	K3PGA	JS
SUSAP KAGZK3FR27	R	020	FOFGUK3EA2	WALPV	ALNAV/VNAV	ALNAV							JS
SUSAP KAGZK3FR27	R	021	SUJYOK3EA0E	S 031TF			26980025	V	0220002206		-300		A JS
SUSAP KAGZK3FR27	R	030	RW27 K3PG0GY	M 031TF			26980022		01505		-300		A JS
SUSAP KAGZK3FR27	R	040		0 M CA			2698	+	01834				A JS
SUSAP KAGZK3FR27	R	050	NUYIGK3EA0EY	DF				+	03400				A JS
SUSAP KAGZK3FR27	R	060	NUYIGK3EA0EE	R HM			08960040	+	03400				A JS

[illegible]

CITY AND STATE <b>WAGNER, SD</b>	ELEVATION: <b>1478</b> THRE: <b>1465</b> AIRPORT NAME: <b>WAGNER MUNI</b>	FACILITY IDENTIFIER:  <b>RNAV</b>	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
			<b>RNAV (GPS) RWY 27, ORIG</b>	AMDT: <b>NONE</b>
			<b>17 OCTOBER 2013</b>	DATED:

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

SUSAP KAGZK3GRW27 0035002697 N43035265W098172671+0300 +0420301465000040060R

[illegible][illegible]

CITY AND STATE  
WAGNER, SD

ELEVATION: 1478	THRE: 1465
AIRPORT NAME: WAGNER MUNI	

FACILITY  
IDENTIFIER:  
  
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:  
RNAV (GPS) RWY 27, ORIG  
17 OCTOBER 2013

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

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

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	CURIR	CURIR	010		IF		FB					
	CURIR	NEBYI	020		TF		FO	2.0	014.4 (018.4T)	019.9	AA 03400	
	CURIR	NEBYI	030	IAF	HF	R	FO		269.9 (273.9T)	004.0	AA 03400	
	PUKIC	PUKIC	010	IAF	IF		FB					
	PUKIC	NEBYI	020		TF		FB	1.0	250.4 (254.4T)	024.8	AA 03400	
	TECUD	TECUD	010	IAF	IF		FB					
	TECUD	NEBYI	020		TF		FB	1.0	196.8 (200.8T)	031.6	AA 03400	
	YKN	YKN	010	IAF	IF		FB					
	YKN	NEBYI	020		TF		FB	1.0	280.6 (284.6T)	033.3	AA 03400	
		NEBYI	010	FACF	IF		FB				AA 03400	
		FOFGU	020	FAF	TF		FB	0.5	269.9 (273.9T)	003.0	AA 03000	
		SUJYO	021	SDF	TF		FB	0.3	269.8 (273.8T)	002.5	AA 02200 GS 02206	
		RW27	030	MAP	TF		FO	0.3	269.8 (273.8T)	002.2	AT 01505	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		269.8 (273.8T)		AA 01834	
	NUYIG	050		DF		FO				AA 03400	
	NUYIG	060		HM	R	FO		089.6 (093.6T)	004.0	AA 03400	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	YKN	N425506.15	W0972305.92	N4255.103	W09723.099
	CURIR	N424431.42	W0981532.01	N4244.524	W09815.534
	FOFGU	N430334.10	W0981103.41	N4303.568	W09811.057
	NEBYI	N430322.05	W0980658.43	N4303.368	W09806.974
	NUYIG	N430431.86	W0983122.91	N4304.531	W09831.382
	PUKIC	N431008.09	W0973423.47	N4310.135	W09734.391
	SUJYO	N430344.00	W0981427.03	N4303.733	W09814.451
	TECUD	N433254.48	W0975142.23	N4332.908	W09751.704
	RW27	N430352.65	W0981726.71	N4303.878	W09817.445

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW27	01465	40

QUALITY  
2  
CHECKED

CITY AND STATE <b>WAGNER, SD</b>	ELEVATION: <b>1478</b>	THRE: <b>1465</b>	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:			<b>RNAV (GPS) RWY 27, ORIG</b>	AMDT: <b>NONE</b>
	<b>WAGNER MUNI</b>		<b>RNAV</b>	<b>17 OCTOBER 2013</b>	DATED: