

PAGE 1 OF 6 PAGES

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
SOYDO/2.80 NM TO RW09	RW09 (MAP) (FO)	089.66 / 2.80	
RW09 (MAP)	1847 MSL	089.66	
1847 MSL	NEBYI (FO)		3400

**NOTES, (CONT.):**

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

\*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 VISIBILITY 1/8 MILE, AND LNAV/VNAV ALL CATS VISIBILITY 1/2 MILE.

QUALITY  
2  
CHECKED

CITY AND STATE WAGNER, SD	ELEVATION: 1478	THRE: 1478	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 9, 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 INFORMATION****DATA FIELD****DATA**

OPERATION TYPE 0  
SBAS SERVICE PROVIDER IDENTIFIER 0  
AIRPORT IDENTIFIER KAGZ  
RUNWAY RW09  
APPROACH PERFORMANCE DESIGNATOR 0  
ROUTE INDICATOR 0  
REFERENCE PATH DATA SELECTOR 0  
REFERENCE PATH IDENTIFIER (APPROACH ID) W09A  
LTP/FTP LATITUDE 430354.8985N  
LTP/FTP LONGITUDE 0981813.7600W  
LTP/FTP ELLIPSOIDAL HEIGHT +04240  
FPAP LATITUDE 430349.0835N  
FPAP LONGITUDE 0981612.4715W  
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**

F3D61EA6

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE K3  
LTP ORTHOMETRIC HEIGHT +04503  
FPAP ORTHOMETRIC HEIGHT +04503

CITY AND STATE

WAGNER, SD

ELEVATION: 1478

THRE: 1478

AIRPORT NAME:

WAGNER MUNI

FACILITY  
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 9, 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	KAGZK3FR09	AADE	010ADE	YK3EA0E	A	IF				18000		A	JS
SUSAP	KAGZK3FR09	AADE	020DIBQEK3EA0E		010TF		08330210	+	03800			A	JS
SUSAP	KAGZK3FR09	AADE	030NUYIGK3EA0EE	B	010TF		08360130	+	03400			A	JS
SUSAP	KAGZK3FR09	AONL	010ONL	K3D 0V	A	IF				18000		A	JS
SUSAP	KAGZK3FR09	AONL	020OHULUK3EA0E		010TF		00720185	+	03600			A	JS
SUSAP	KAGZK3FR09	AONL	030NUYIGK3EA0EE	B	010TF		00730185	+	03400			A	JS
SUSAP	KAGZK3FR09	ATYNDA	010TYNDAK3EA0E		IF					18000		A	JS
SUSAP	KAGZK3FR09	ATYNDA	020NUYIGK3EA0EY		020TF		27330309	+	03400			A	JS
SUSAP	KAGZK3FR09	ATYNDA	030NUYIGK3EA0EE	AR	HF		08960040	+	03400			A	JS
SUSAP	KAGZK3FR09	R	010NUYIGK3EA0E	I	IF			+	03400	18000		A	JS
SUSAP	KAGZK3FR09	R	020FISOBK3EA1E	F	051TF		08960050	+	03000		RW09	K3PGA	JS
SUSAP	KAGZK3FR09	R	020FISOBK3EA2WALPV		ALNAV/VNAV	ALNAV							JS
SUSAP	KAGZK3FR09	R	021SOYDOK3EA0E	S	031TF		08970019	V	0240002409		-300		A
SUSAP	KAGZK3FR09	R	030RW09	K3PGOGY	M	031TF	08970028		01518		-300		A
SUSAP	KAGZK3FR09	R	040	0	M	CA	0897	+	01847				A
SUSAP	KAGZK3FR09	R	050NEBYIK3EA0EY		DF			+	03400				A
SUSAP	KAGZK3FR09	R	060NEBYIK3EA0EE	R	HM		26990040	+	03400				A

1	2	3	4	5	6	7	8	9	0	1	2
---	---	---	---	---	---	---	---	---	---	---	---

SUP:	
AMDT:	NONE
DATED:	

## **RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**

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]

SUSAP KAGZK3GRW09 0035000897 N43035490W098181376-0300 +0424001478000040060R

[illegible]

SUSAP KAGZK3PR09	RW09 001 0000W09A0N4303548985W09818137600+042400300N4303490835W09816124715106751680000400F400500F3D61EA6
SUSAP KAGZK3PR09	RW09 002E +04503+04503LPV 53334

[illegible]

SUSAP KAGZK3SRW09 K3PG	0	18018003525	M
------------------------	---	-------------	---

CITY AND STATE  
WAGNER, SD

ELEVATION: 1478	THRE: 1478
AIRPORT NAME: WAGNER MUNI	

FACILITY  
IDENTIFIER:  
  
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:  
**RNAV (GPS) RWY 9, ORIG**  
 17 OCTOBER 2013

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

FAA FORM 8260 - 10 / April 2006 (Computer Generated)

Page 5 of 6 Pages

**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
	ADEYD	ADEYD	010	IAF	IF		FB					
	ADEYD	DIBQE	020		TF		FB	1.0	083.3 (087.3T)	021.0	AA 03800	
	ADEYD	NUYIG	030		TF		FB	1.0	083.6 (087.6T)	013.0	AA 03400	
	ONL	ONL	010	IAF	IF		FB					
	ONL	OHULU	020		TF		FB	1.0	007.2 (011.2T)	018.5	AA 03600	
	ONL	NUYIG	030		TF		FB	1.0	007.3 (011.3T)	018.5	AA 03400	
	TYNDA	TYNDA	010		IF		FB					
	TYNDA	NUYIG	020		TF		FO	2.0	273.3 (277.3T)	030.9	AA 03400	
	TYNDA	NUYIG	030	IAF	HF	R	FO		089.6 (093.6T)	004.0	AA 03400	
		NUYIG	010	PACF	IF		FB				AA 03400	
		FISOB	020	PAF	TF		FB	0.5	089.6 (093.6T)	005.0	AA 03000	
		SOYDO	021	SDF	TF		FB	0.3	089.7 (093.7T)	001.9	AA 02400	GS 02409
		RW09	030	MAP	TF		FO	0.3	089.7 (093.7T)	002.8	AT 01518	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		089.7 (093.7T)		AA 01847	
	NEBYI	050		DF		FO				AA 03400	
	NEBYI	060		HM	R	FO		269.9 (273.9T)	004.0	AA 03400	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ONL	N422813.80	W0984112.94	N4228.230	W09841.216
	ADEYD	N430305.06	W0991741.35	N4303.084	W09917.689
	DIBQE	N430400.87	W0984905.96	N4304.015	W09849.099
	FISOB	N430412.90	W0982434.10	N4304.215	W09824.568
	NEBYI	N430322.05	W0980658.43	N4303.368	W09806.974
	NUYIG	N430431.86	W0983122.91	N4304.531	W09831.382
	OHULU	N424622.96	W0983619.36	N4246.383	W09836.323
	SOYDO	N430405.77	W0982202.47	N4304.096	W09822.041
	TYNDA	N430043.19	W0974937.64	N4300.720	W09749.627
	RW09	N430354.90	W0981813.76	N4303.915	W09818.229

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09	01478	40

QUALITY  
2  
CHECKED

CITY AND STATE <b>WAGNER, SD</b>	ELEVATION: <b>1478</b>	THRE: <b>1478</b>	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:	<b>WAGNER MUNI</b>	<b>RNAV</b>	<b>RNAV (GPS) RWY 9, ORIG</b>	AMDT: <b>NONE</b>
				<b>17 OCTOBER 2013</b>	DATED: