

FEDERAL AVIATION ADMINISTRATION FLIGHT STANDARDS SERVICE RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>		
AGZ	RNAV (GPS) RWY 9	ORIG-D	WAGNER	SD		
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
1478	1478	RNAV (GPS) RWY 9	ORIG-C	08/11/2022	4E	2015
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
RNAV		21 MARCH 2024	ROUTINE			

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
TYNDA		NUYIG		TF	FO	1.00	273.33	30.85	3400
AEDY	IAF	DIBQE	NOPT	TF	FB	1.00	083.30	20.98	3800
DIBQE		NUYIG		TF	FB	1.00	083.62	13.00	3400
ONL VORTAC	IAF	OHULU	NOPT	TF	FB	1.00	007.23	18.50	3600
OHULU		NUYIG		TF	FB	1.00	007.29	18.50	3400
NUYIG	IF/IAF	FISOB		TF	FB	1.00	089.58	5.00	3000
FISOB	FAF	SOYDO/2.80 NM TO RW09		TF	FB	0.30	089.66	1.86	
SOYDO/2.80 NM TO RW09		RW09	MAP	TF	FO	0.30	089.66	2.80	
RW09	MAP	1847 MSL		CA			089.66		
1847 MSL		NEBYI		DF	FO	1.00			3500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW09

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3500 DIRECT NEBYI AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD W NUYIG, RT, 089.58 INBOUND, 3400 FT. IN LIEU OF PT (IAF), MAX 6000.														
3.	FAC:	089.66	FAF:	FISOB	DIST FAF TO MAP:	4.66	DIST FAF TO THLD:	4.66							
4.	MIN ALT:	NUYIG 3400, FISOB 3000, SOYDO/2.80 NM TO RW09 2400													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		369 HAT:	1.03	GS ANT:				
6.	MIN GP INCPT:	3000	GP ALT AT PFAF:	FISOB 3000					OM:		MM:			IM:	
7.	GP ANGLE:	3.00	34:1:	IS NOT CLEAR	20:1:	IS CLEAR	TCH:	40.0							
8.	MSA FROM:	RW09 3500													

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 14 AND 32.
CHART NOTE: BARO-VNAV NA.
CHART PROFILE NOTE: VGSi AND RNAV GLIDEPATH NOT COINCIDENT (VGSi ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: RWY 9 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ONL VORTAC ON V80-148 SOUTHWEST BOUND.
CHART NOTE: USE YANKTON ALTIMETER SETTING; WHEN NOT RECEIVED USE O'NEILL ALTIMETER SETTING AND INCREASE ALL DAS 51 FEET, ALL MDAS 60 FEET AND INCREASE LPV ALL CATS VISIBILITY 1/8 SM, AND LNAV/VNAV ALL CATS VISIBILITY 1/8 SM.

ADDITIONAL FLIGHT DATA:

CHART YANKTON AWOS-3
CHART CIRCLING ICON
HOLD E, RT, 269.86 INBOUND.
CHART FAS OBST: 1645 TRANSMISSION_LINE (46-021347) 430326N/0981957W.
WAAS CHANNEL # 53334
REFERENCE PATH ID: W09A
LTP HAE: 424 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☒

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	1847	1	369	1847	1	369		NA			NA				
LNAV/VNAV DA	2053	1 5/8	575	2053	1 5/8	575		NA			NA				
LNAV MDA	2020	1	542	2020	1	542		NA			NA				
CIRCLING	2080	1	602	2080	1	602		NA			NA				



CHANGES - REASONS

1. ALL CHANGES FROM P-NOTAMS INCORPORATED INTO THE FORM - IAW 8260.19I PARA 8-3-4C(3).
2. PROFILE LINE 2: ADDED "MAX 6000". - IAW 8260.19I 8-6-7.
3. PROFILE LINE 4: REMOVED "" FROM SOYDO FIX DESCRIPTION. - IAW 8260.19I 8-6-7.
4. NOTES: CHANGED NOTE FROM "PROCEDURE NA FOR ARRIVALS ON ONL VORTAC AIRWAY RADIALS 055 CW 083" TO "PROCEDURE NA FOR ARRIVALS AT ONL VORTAC ON V80-148 SOUTHWEST BOUND". - SOME AIRWAYS REMOVED FOR FUTURE DECOM.
5. NOTES: CHANGED NOTE FROM "USE YANKTON ALTIMETER SETTING, WHEN NOT RECEIVED USE O'NEILL ALTIMETER SETTING AND INCREASE ALL DA 51 FEET, ALL MDA 60 FEET AND INCREASE LPV ALL CATS VISIBILITY 1/8 MILE AND LNAV/VNAV ALL CATS VISIBILITY 1/2 MILE" TO "USE YANKTON ALTIMETER SETTING; WHEN NOT RECEIVED USE O'NEILL ALTIMETER SETTING AND INCREASE ALL DAS 51 FEET, ALL MDAS 60 FEET AND INCREASE LPV ALL CATS VISIBILITY 1/8 SM, AND LNAV/VNAV ALL CATS VISIBILITY 1/8 SM". - IAW 8260.3E TABLE 3-3-1.
6. NOTES: REMOVED *LNAV ONLY. - IAW 8260.19I 8-6-9.
7. ADDITIONAL FLIGHT DATA: CHANGED FAS OBST ID FROM POLE TO TRANSMISSION_LINE (46-021347). - OBST WAS UPDATED IN DATA BASE.

COORDINATED WITH:

A4A

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ALPA

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AOPA

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APA

☐

HAI

☐

NBAA

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OTHER:

ZMP, ARPT MGR

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE

Digitally signed by

BEV L BORDY

Jan 29, 2024

DATE

DEVELOPED BY

ERIC N SUSKI (ANDRE TUCKER)

Digitally signed by

BEV L BORDY

Jan 29, 2024

OFFICE

AJV-A431

DATE

08/09/2023

APPROVED BY

ERIC N SUSKI

Digitally signed by

BEV L BORDY

Jan 29, 2024

OFFICE

AJV-A430

DATE

03/24/2024

TITLE

MANAGER



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	
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

