

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</u> STANLEY MUNI	<u>AIRPORT ID</u> K08D	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 27	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> STANLEY	<u>STATE</u> ND
<u>AIRPORT ELEVATION</u> 2245	<u>TDZE</u> 2244	<u>SUPERSEDED</u> RNAV (GPS) RWY 27	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 07/05/2007	<u>MAG VAR</u> 10E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 8 NOVEMBER 2018	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2000

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 188/30 CW 008/30	NOPT	EXIHO	IF/IAF	4300
2. 008/30 CW 098/30		ULMUW	IAF	4300
3. 098/30 CW 188/30		ISROQ	IAF	4300

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>
ISROQ	IAF	EXIHO	NOPT	TF	FB	1.00	188.37	5.00	4300
ULMUW	IAF	EXIHO	NOPT	TF	FB	1.00	008.31	5.00	4300
EXIHO	IF/IAF	OZRAJ		TF	FB	1.00	278.34	5.00	3900
OZRAJ	FAF	ZEKAV/2.10 NM TO RW27		TF	FB	0.30	278.25	2.99	
ZEKAV/2.10 NM TO RW27		RW27	MAP	TF	FO	0.30	278.25	2.10	
RW27	MAP	2620 MSL		CA			278.25		
2620 MSL		EWXUR		DF	FO	1.00			5000

MISSED APPROACH

MAP:

LNAV: RW27

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 5000 DIRECT EWXUR AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD E EXIHO, RT, 278.34 INBOUND, 4300 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 278.25 FAF: OZRAJ DIST FAF TO MAP: 5.09 DIST FAF TO THLD: 5.09

4. MIN ALT: EXIHO 4300, OZRAJ 3900, ZEKAV/2.10 NM TO RW27 2940

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: MM: IM:

6. MIN GP INCPT: GP ALT AT FAF :

7. GP ANGLE: 34:1: IS NOT CLEAR 20:1: IS NOT CLEAR TCH:

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

2517 AAO 481554N/1021645W
CHART CIRCLING ICON.
OZRAJ TO RW27: 3.00/40.
CHART FAS OBST: 2308 ELEVATOR 481802N/1022303W.
HOLD W, RT, 097.97 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD

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
LNAV MDA	2620	1	376	2620	1	376		NA			NA				
CIRCLING	2720	1	475	2940	1	695		NA			NA				



CHANGES - REASONS

- 1. LOWERED LNAV MDA/HAT FROM 2740/496 TO 2620/376 - RECALCULATED MDA WITHOUT REMOTE ALTIMETER ADJUSTMENT/LOCAL WX NOW AVAIL.
- 2. UPDATED CIRCLING MDA/HAA/VIS CAT A/B FROM 2900/655/1 TO CAT A 2720/475/1 CAT B 2940/695/1 - OBSTACLE EVALUATION WITH NEW CIRCLING RADII AND CALCULATED CMDA WITHOUT REMOTE ALTIMETER ADJUSTMENT/LOCAL WX NOW AVAIL/VIS CK.
- 3. UPDATED UNNAMED SDF AT 1.80NM TO RW27/2800 TO ZEKAV/2.10 NM TO RW27/2940 - ALL NAV FIXES MUST BE NAMED IAW 8260.19H/RECALCULATED OPTIMUM ALTITUDE AND LOCATION WITH RA ADJUSTMENT.
- 4. UPDATED CHART PROFILE NOTE FROM VGSI AND DESCENT ANGLES NOT COINCIDENT TO VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) -NOTE FORMAT IAW 8260.19H
- 5. ADDED PBN REQUIREMENTS NOTE: RNP APCH. - IAW 8260.19H
- 6. REMOVED CHART NOTES: GPS OR RNP-0.3 REQUIRED AND DME/DME RNP-0.3 NA - NO LONGER REQUIRED.
- 7. ADDED CHART CIRCLING ICON - NEW RADIUS APPLIED.
- 8. UPDATED FAS OBSTACLE - OBSTACLE EVALUATION.
- 9. UPDATED HIL; ADDED MAX ALT 6000 - IAW 8260.19H
- 10. UPDATED ALTERNATE FROM NA TO STANDARD - LOCAL ALTIMETER SOURCE AWOS-3
- 11. ADDED NOTE: PROCEDURE NA AT NIGHT - NO SURVEY DATA; UNABLE TO VERIFY VISUAL SURFACE CLEAR.
- 12. CHANGED 34:1 IS CLEAR TO 34:1 IS NOT CLEAR AND ADDED 20:1 IS NOT CLEAR - NO SURVEY DATA; UNABLE TO VERIFY VISUAL SURFACE CLEAR.
- 13. ADDED RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED - NO SURVEY DATA; UNABLE TO VERIFY VISUAL SURFACE CLEAR.



COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** AMGR, ZMP ARTCC

FLIGHT CHECKED BY

BRANDON VANDERSCHAAF

Digitally signed by
ROBERT G HAMILTON
Aug 06, 2018

OFFICE

FICO

DATE

7/31/18

DEVELOPED BY

HEIDI SNIDER

Digitally signed by
HEIDI SNIDER

OFFICE

AJV-5423

DATE

07/10/2018

APPROVED BY

JULIE MORGAN

Jul 13, 2018

Digitally signed by
ROBERT G HAMILTON
Aug 06, 2018

OFFICE

AJV-5420

DATE

TITLE
MANAGER

