

**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.

<b><u>AIRPORT ID</u></b> 08D	<b><u>PROCEDURE NAME</u></b> RNAV (GPS) RWY 28	<b><u>ORIGINAL/AMENDMENT</u></b> 3	<b><u>CITY</u></b> STANLEY	<b><u>STATE</u></b> ND		
<b><u>AIRPORT ELEVATION</u></b> 2250	<b><u>TDZE</u></b> 2242	<b><u>SUPERSEDED</u></b> RNAV (GPS) RWY 28	<b><u>ORIGINAL/AMENDMENT</u></b> 2	<b><u>DATED</u></b> 12/29/2022	<b><u>MAG VAR</u></b> 7E	<b><u>EPOCH YEAR</u></b> 2025
<b><u>FACILITY</u></b> RNAV	<b><u>COORDINATES OF FACILITIES</u></b>	<b><u>ACTUAL EFFECTIVE DATE</u></b> 28 NOVEMBER 2024	<b><u>REQUIRED EFFECTIVE DATE</u></b> ROUTINE	<b><u>CANCEL/SUSPEND</u></b>		

**TAA**

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 191/30 CW 011/30	NOPT	EXIHO	IF/IAF	4300
2. 011/30 CW 101/30		ULMUW	IAF	4300
3. 101/30 CW 191/30		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	191.01	5.00	4300
ULMUW	IAF	EXIHO	NOPT	TF	FB	1.00	010.95	5.00	4300
EXIHO	IF/IAF	OZRAJ		TF	FB	1.00	280.98	5.65	3700
OZRAJ	FAF	ZEKAV/2.07 NM TO RW28		TF	FB	0.30	281.66	2.45	
ZEKAV/2.07 NM TO RW28		RW28	MAP	TF	FO	0.30	281.66	2.01	
RW28	MAP	2492 MSL		CA			281.66		
2492 MSL		EWXUR		DF	FO	1.00			5000

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW28

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 5000 DIRECT EWXUR AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

QUALITY  
31  
CHECKED

PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD E EXIHO, RT, 280.98 INBOUND, 4300 FT. IN LIEU OF PT (IAF), MAX 6000.														
3.	FAC:	281.66	FAF:	OZRAJ	DIST FAF TO MAP:	4.45	DIST FAF TO THLD:	4.45							
4.	MIN ALT:	EXIHO 4300, OZRAJ 3700, ZEKAV/2.07 NM TO RW28 2920													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		250 HAT:	0.66	GS ANT:				
6.	MIN GP INCPT:	3700	GP ALT AT PFAF:	OZRAJ 3700					OM:		MM:			IM:	
7.	GP ANGLE:	3.00	34:1:	IS NOT CLEAR	20:1:	IS CLEAR	TCH:	40.0							
8.	MSA FROM:														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19°C OR ABOVE 54°C.  
CHART NOTE: RWY 28 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 101.55 INBOUND.  
CHART FAS OBST: 2311 TREE (38-040461) 481819N/1022331W.  
CHART VDP AT 0.94 NM TO RW28.  
WAAS CHANNEL # 86248  
REFERENCE PATH ID: W28A  
CHART CIRCLING ICON.  
LTP HAE: 664.9 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

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	2492	1	250	2492	1	250		NA			NA				
LNAV/VNAV DA	2492	1	250	2492	1	250		NA			NA				
LNAV MDA	2580	1	338	2580	1	338		NA			NA				
CIRCLING	2720	1	470	2940	1	690		NA			NA				

CHANGES - REASONS

- 1. TERMINAL ROUTES: ADDED LPV AND LNAV/VNAV MINIMUMS – PER OPERATIONAL REQUIREMENTS.
- 2. ADDITIONAL FLIGHT DATA: ADDED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C OR ABOVE 54C – ADDED LNAV/VNAV MINIMUMS.
- 3. TERMINAL ROUTES AND PROFILE LINE 4: CHANGED LNAV SDF ALTITUDE FROM 2940 TO 2920 – UPDATED TARGETS OBSTACLE EVALUATION.
- 4. ADDITIONAL FLIGHT DATA: REMOVED 7:1 2513 AAO – NO LONGER APPLICABLE PER TARGETS OBS EVAL.
- 5. ADDITIONAL FLIGHT DATA: REMOVED “OZRAJ TO RW28: 3.00/40 – ADDED LPV AND LNAV/VNAV MINS.

09/27/24: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 02/28/2024.  
1. REMOVED MOT AS THE BACK-UP ALTIMETER SOURCE- NOT SUITABLE PER FLIGHT CHECK, SIGNAL NOT RECIEVABLE AT IAF ALTITUDE.



COORDINATED WITH:

A4A

☐

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER: ZMP ARTCC, AMGR

FLIGHT CHECKED BY

JEREMY CURTIS LEIGHTON

*Digitally signed by*

**CASIMIR L TABAKA**

Oct 17, 2024

OFFICE

FIOG

DATE

09/20/2024

DEVELOPED BY

JANTZEN TAYLOR

*Digitally signed by*

**JANTZEN L TAYLOR**

Oct 01, 2024

OFFICE

AJV-A422

DATE

02/20/2024

APPROVED BY

RAKE MCGRAW

*Digitally signed by*

**CASIMIR L TABAKA**

Oct 17, 2024

OFFICE

AJV-A422

DATE

10/24/2024

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD

OPERATION TYPE  
SBAS SERVICE PROVIDER IDENTIFIER  
AIRPORT IDENTIFIER  
RUNWAY  
APPROACH PERFORMANCE DESIGNATOR  
ROUTE INDICATOR  
REFERENCE PATH DATA SELECTOR  
REFERENCE PATH IDENTIFIER (APPROACH ID)  
LTP/FTP LATITUDE  
LTP/FTP LONGITUDE  
LTP/FTP ELLIPSOIDAL HEIGHT  
FPAP LATITUDE  
FPAP LONGITUDE  
THRESHOLD CROSSING HEIGHT (TCH)  
TCH UNITS SELECTOR (METERS OR FEET USED)  
GLIDEPATH ANGLE (GPA)  
COURSE WIDTH AT THRESHOLD  
LENGTH OFFSET  
HORIZONTAL ALERT LIMIT (HAL)  
VERTICAL ALERT LIMIT (VAL)

DATA

0  
0  
08D  
RW28  
0  
0  
W28A  
481757.0475N  
1022356.9770W  
+06649  
481825.3960N  
1022603.4890W  
00040.0  
F  
03.00  
106.75  
1560  
40.0  
50.0

CRC REMAINDER

975E98ED

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE  
LTP ORTHOMETRIC HEIGHT  
FPAP ORTHOMETRIC HEIGHT

K3  
+06831  
+06831

