

**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> 1D1	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 31	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>CITY</u> MILBANK	<u>STATE</u> SD
<u>AIRPORT ELEVATION</u> 1118	<u>TDZE</u> 1117	<u>SUPERSEDED</u> RNAV (GPS) RWY 31	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 01/02/2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 8 AUGUST 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 5E
				<u>EPOCH YEAR</u> 2000
				<u>CANCEL/SUSPEND</u>

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 222/30 CW 042/30		222/20 CW 042/20		3600
2. 222/20 CW 042/20	NOPT	IYJER	IF/IAF	3400
3. 042/30 CW 132/30		042/18 CW 132/18		3900
4. 042/18 CW 132/18		LUZOL	IAF	3600
5. 132/30 CW 222/30		FOFZE	IAF	3400

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>
FOFZE	IAF	IYJER	NOPT	TF	FB	1.00	222.42	5.00	3400
LUZOL	IAF	IYJER	NOPT	TF	FB	1.00	042.30	5.00	3400
IYJER	IF/IAF	UCUDA		TF	FB	1.00	312.36	5.00	2800
UCUDA	FAF	RW31	MAP	TF	FO	0.30	312.24	5.17	
RW31	MAP	1518 MSL		CA			312.24		
1518 MSL		MORRE		DF	FO	1.00			3400

MISSED APPROACH

MAP:

LNAV: RW31

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3400 DIRECT MORRE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2.	HOLD SE IYJER, RT, 312.36 INBOUND, 3400 FT. IN LIEU OF PT (IAF), MAX 6000.					
3.	FAC:	312.24	FAF:	UCUDA	DIST FAF TO MAP:	5.17
4.	MIN ALT:	IYJER 3400, UCUDA 2800				
5.	DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	GS ANT:	
6.	MIN GP INCPT:	GP ALT AT FAF:			OM:	MM:
7.	GP ANGLE:	34:1:	IS NOT CLEAR	20:1:	IS CLEAR	IM:
8.	MSA FROM:					

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 31 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: CIRCLING RWY 7, 25 NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ORTONVILLE ALTIMETER SETTING AND INCREASE ALL MDAS 20 FEET.
CHART NOTE: VDP NA WHEN USING ORTONVILLE MUNI/MARTINSON FLD ALTIMETER SETTING.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 132.13 INBOUND.
FAS OBST: 1375 AAO 451045N/0962915W.
CHART VDP AT 1.78 NM TO RW31.
CHART CIRCLING ICON.
CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.

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
LNAV MDA	1720	1	603	1720	1	603		NA			NA				
CIRCLING	1720	1	602	1720	1	602		NA			NA				



CHANGES - REASONS

-CHANGED TAA LEFT BASE 042/18 CW 132/18 TO LUZOL MINIMUM ALTITUDE FROM 3500 TO 3600 - NEW CONTROLLING OBSTACLE, CANCELS T NOTAM 3/9161
-TERMINAL ROUTE UCUDA TO RW31 COURSE CHANGED FROM 312.31 TO 312.24 - FAC RECALCULATION UPDATE
-TERMINAL ROUTE 1517 MSL TO MORRE CHANGED TO 1518 MSL TO MORRE - UPDATED DATA
-PBN/EQUIPMENT REQUIREMENT NOTE: CHANGED FROM "RNP APCH" TO "RNP APCH – GPS" - 8260.19I 8-6-8
-PROFILE LINE 2: MAX ALTITUDE CHANGED FROM 10000 TO 6000 - NEW FIX DATA TO ALIGN WITH DOCUMENTED FIX IYJER MAX HOLDING ALTITUDE 6000.
-PROFILE LINE 3: FAC CHANGED FROM 312.31 TO 312.24 - FAC RECALCULATION UPDATE
-PROFILE LINE 3: ADDED "DIST FAF TO MAP: 5.17" - CURRENT CRITERIA
-REMOVED CHART PROFILE NOTE: "VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - FLIGHT INSPECTION RESULTS DO NOT WARRANT A VDA
-ADDED CHART NOTE: CIRCLING RWY 7, 25 NA - TURF RUNWAYS
-ADDED CHART NOTE: VDP NA WHEN USING ORTONVILLE MUNI/MARTINSON FLD ALTIMETER SETTING - 8260.3E 2-6-5
-ADDITIONAL FLIGHT DATA: CHANGED FAS OBST FROM "1246 DIRT MOUND 451236N/0963136W" TO 1375 AAO 451045N/0962915W - NEW FAS OBSTACLE; NO CHANGE TO MDAS OR VISIBILITIES.
-ADDITIONAL FLIGHT DATA: REMOVED "UCUDA TO RW31: 3.00/40" AND ADDED NOTE: "VISUAL SEGMENT - OBSTACLES" - FLIGHT INSPECTION VALIDATION, CANCELS T NOTAM 2/7905
-ADDITIONAL FLIGHT DATA: ADDED "CHART VDP AT 1.78 NM TO RW31" - 8260.3E 2-6-5
-CHANGED ALTERNATE MINIMUMS FROM NA TO "STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE" - 1D1 AWOS-3 ON WMSCR

COORDINATED WITH:

A4A

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ALPA

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AOPA

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APA

☐

HAI

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NBAA

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OTHER: ZMP, AMGR

FLIGHT CHECKED BY

JAMES ONIEAL

Digitally signed by

DAVID DANNER

Jun 13, 2024

OFFICE

FPO

DATE

06/11/2024

DEVELOPED BY

TIMOTHY JOHNSON

Digitally signed by

Timothy Johnson

Apr 19, 2024

OFFICE

AJV-A421

DATE

10/13/2023

APPROVED BY

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DAVID DANNER

Jun 13, 2024

OFFICE

AJV-A421

DATE

TITLE

MANAGER

