

**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> KVMR	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 30	<u>ORIGINAL/AMENDMENT</u> 2B	<u>CITY</u> VERMILLION	<u>STATE</u> SD		
<u>AIRPORT ELEVATION</u> 1147	<u>TDZE</u> 1147	<u>SUPERSEDED</u> RNAV (GPS) RWY 30	<u>ORIGINAL/AMENDMENT</u> 2A	<u>DATED</u> 10/10/2019	<u>MAG VAR</u> 3E	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 FEBRUARY 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

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>
ATLES		WONUUV		TF	FB	1.00	019.23	9.66	3500
ESTIS		UWLIS		TF	FB	1.00	189.20	5.19	3500
WONUUV	IAF	IKUBE	NOPT	TF	FB	1.00	032.42	8.05	3500
UWLIS	IAF	IKUBE	NOPT	TF	FB	1.00	213.25	8.05	3500
IKUBE	IF/IAF	EDCIR		TF	FB	1.00	303.18	7.00	3000
EDCIR	FAF	UZCAW/2.70 NM TO RW30		TF	FB	0.30	303.09	3.01	
UZCAW/2.70 NM TO RW30		RW30	MAP	TF	FO	0.30	303.09	2.70	
RW30	MAP	1470 MSL		CA			303.09		
1470 MSL		WAPIR		DF	FO	1.00			3500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW30

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3500 DIRECT WAPIR AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD SE IKUBE, RT, 303.18 INBOUND, 3500 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 303.09FAF: EDCIRDIST FAF TO MAP: 5.71DIST FAF TO THLD: 5.71

4. MIN ALT: IKUBE 3500, EDCIR 3000, UZCAW/2.70 NM TO RW30 2040*

5. DIST TO THLD FROM OM:MM:IM:150 HAT:323 HAT: 0.90GS ANT:

6. MIN GP INCPT: 3000GP ALT AT FAF : EDCIR 3000OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 37.8

8. MSA FROM: RW30 3500

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: BARO-VNAV NA.
*LNAV ONLY
CHART NOTE: USE YANKTON ALTIMETER SETTING.

ADDITIONAL FLIGHT DATA:

CHART YANKTON AWOS-3PT
HOLD NW, RT, 122.85 INBOUND.
CHART FAS OBST: 1299 TREE 424621N/0965520W.
WAAS CHANNEL # 53614
REFERENCE PATH ID: W30A
CHART CIRCLING ICON.
LTP HAE: 323.5 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	1470	1	323	1470	1	323	1470	1	323		NA				
LNAV/VNAV DA	1487	1	340	1487	1	340	1487	1	340		NA				
LNAV MDA	1580	1	433	1580	1	433	1580	1 1/4	433		NA				
CIRCLING	1760	1	613	1760	1	613	1900	2 1/4	753		NA				

CHANGES - REASONS

1. REMOVED CHART PLANVIEW NOTE "PROCEDURE NA FOR ARRIVALS AT ESTIS ON V-15 NORTHWEST BOUND" - V15 SEGMENT CANCELED DUE TO VOR MON.
2. REMOVED CHART PLANVIEW NOTE "PROCEDURE NA FOR ARRIVALS AT ATLES ON V100 WESTBOUND" - V100 SEGMENT CANCELED DUE TO VOR MON.



COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZMP, SUX APP CON, AMGR

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE

DATE

Digitally signed by

JASON KRETSCHMER

DEVELOPED BY

JASON KRETSCHMER (DALLIN STRICKLAND)

Digitally signed by

JASON KRETSCHMER

Dec 23, 2020

OFFICE

AJV-A421

DATE

01/23/2020

APPROVED BY

MARLON ROBINSON

Dec 23, 2020

Digitally signed by

JASON KRETSCHMER

Dec 23, 2020

OFFICE

AJV-A420

DATE

TITLE
MANAGER

QUALITY
21
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KVMR
RUNWAY	RW30
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30A
LTP/FTP LATITUDE	424543.1135N
LTP/FTP LONGITUDE	0965541.0745W
LTP/FTP ELLIPSOIDAL HEIGHT	+03235
FPAP LATITUDE	424635.5140N
FPAP LONGITUDE	0965718.9275W
THRESHOLD CROSSING HEIGHT (TCH)	00037.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1496
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	E236EC8E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03491
FPAP ORTHOMETRIC HEIGHT	+03491

