

**RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

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TERMINAL ROUTES

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE	
PIR VORTAC	ITIXE (FO)	081.12 / 37.19	4000	LPV: DA LNAV/VNAV: DA LNAV: RW31
VAYLA (IAF)	ITIXE (NOPT) (FB)	266.40 / 14.86	4000	
ELREE (IAF)	ITIXE (NOPT) (FB)	001.48 / 16.35	4000	CLIMB TO 4000 DIRECT OMCEW AND HOLD.
ITIXE (IF/IAF)	CULIV (FB)	309.86 / 3.50	3600	
CULIV (FAF)	RW31 (MAP) (FO)	309.82 / 5.36		ADDITIONAL FLIGHT DATA: HOLD NW, RT, 129.66 INBOUND. FAS OBST: 2123 AAO 442933N/0992145W CHART PIERRE ASOS-3 DISTANCE TO THLD FROM 351 HAT: 0.98 NM. WAAS CHANNEL # 40437 REFERENCE PATH ID: W31A CHART CIRCLING ICON LTP HAE: 541.4 M
RW31 (MAP)	2205 MSL	309.82		
2205 MSL	OMCEW (FO)		4000	

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD SE ITIXE, RT, 309.86 INBOUND, 4000 FT. IN LIEU OF PT (IAF)
3. FAC: 309.82 FAF: CULIV DIST FAF TO MAP: 5.36 THLD: 5.36
4. MIN. ALT: **ITIXE 4000, CULIV 3600**
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 3600 GS ALT AT: **CULIV 3600** OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
8. MSA FROM: **RW31 3600**

MAG VAR: 5E EPOCH YEAR: 2020

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A X														
CATEGORY <====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	2205	1 1/8	351	2205	1 1/8	351		NA			NA				
LNAV/VNAV DA	2519	2 1/2	665	2519	2 1/2	665		NA			NA				
LNAV MDA	2540	1	686	2540	1	686		NA			NA				
CIRCLING	2540	1	686	2600	1	746		NA			NA				

NOTES:
CHART NOTE: BARO-VNAV NA.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON PIR VORTAC AIRWAY RADIALS 011 CW 171.
CHART NOTE: USE PIERRE ALTIMETER SETTING; WHEN NOT RECEIVED, PROCEDURE NA.

CITY AND STATE HIGHMORE, SD	ELEVATION: 1854 TDZE: 1854 AIRPORT NAME: HIGHMORE MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, ORIG 15 SEPTEMBER 2016	SUP: 4 AMDT: NONE DATED
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QUALITY
4
CHECKED

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	9D0
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	443213.8960N
LTP/FTP LONGITUDE	0992645.5035W
LTP/FTP ELLIPSOIDAL HEIGHT	+05414
FPAP LATITUDE	443316.6235N
FPAP LONGITUDE	0992813.9835W
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	1624
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER F365AECE

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+05652
FPAP ORTHOMETRIC HEIGHT	+05652

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	AIRPORT NAME: HIGHMORE MUNI				AMDT: NONE
					DATED:

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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
 FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33

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ARINC SUMMARY - 9D0

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
ELREE	010	ELREE	IF	FB										E A
ELREE	020	ITIXE	TF	FB	1.0	001.5						AA 04000		EE B
PIR	010	PIR	IF	FB										V
PIR	020	ITIXE	TF	FO	2.0	081.1						AA 04000		EY
PIR	030	ITIXE	HF	FO		309.9			R			AA 04000		EE A
VAYLA	010	VAYLA	IF	FB										E A
VAYLA	020	ITIXE	TF	FB	1.0	266.4						AA 04000		EE B
	010	ITIXE	IF	FB								AA 04000		E I
	021	CULIV	TF	FB	1.0	309.9				RW31		AA 03600		E F
	030	RW31	TF	FO	0.3	309.8		3.00				AT 01894		GY M
	040		CA	FB		309.8						AA 02205		M
	050	OMCEW	DF	FO								AA 04000		EY
	060	OMCEW	HM	FO		129.7			R			AA 04000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
PIR	N442340.23	W1000946.34
ELREE	N440944.71	W0992033.43
VAYLA	N442539.54	W0985714.85
CULIV	N442827.49	W0992126.81
ITIXE	N442559.41	W0991758.93
OMCEW	N443828.70	W0993535.24

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW31	N443213.90	W0992645.50	01854	40

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