

**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
HELTA (IF/IAF)	YAVUC (TF) (FB) (RNP 1.00)	323.92 / 6.00	5000
YAVUC (FAF)	RW32 (MAP) (TF) (FO) (RNP 0.30)	323.87 / 5.66	
RW32 (MAP)	3700 MSL (CA)	323.87	3700
3700 MSL	HELTA (DF) (FO) (RNP 1.00)		5500

LPV: DA
LNAV/VNAV: DA
LNAV: RW32

CLIMB TO 3700 THEN CLIMBING RIGHT TURN TO 5500 DIRECT HELTA AND HOLD.

ADDITIONAL FLIGHT DATA:
FAS OBST: 3369 AAO 435829N/1030112W
3429 AAO 435722N/1025849W
CHART ELLSWORTH AFB.
DISTANCE TO THLD FROM 200 HAT: 0.51 NM.
CHART VDP AT 1.32 NM TO RW32*
*LNAV ONLY.
WAAS CHANNEL # 93717
REFERENCE PATH ID: W32A
CHART CIRCLING ICON.
LTP HAE: 941.1 M

MAG VAR: 8E EPOCH YEAR: 2010

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD SE HELTA, RT, 323.92 INBOUND, 5500 FT. IN LIEU OF PT (IAF)
3. FAC: 323.87 FAF: YAVUC DIST FAF TO MAP: 5.66 THLD: 5.66
4. MIN. ALT: HELTA 5500, YAVUC 5000
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 5000 GS ALT AT: YAVUC 5000 OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 54.1 34:1 IS CLEAR
8. MSA FROM:

MINIMUMS

TAKEOFF:	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A			STANDARD @					
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	3360	2400	200	3360	2400	200	3360	2400	200	3360	2400	200	3360	2400	200
LNAV/VNAV DA	3410	2400	250	3410	2400	250	3410	2400	250	3410	2400	250	3410	2400	250
LNAV MDA	3620	2400	460	3620	2400	460	3620	4500	460	3620	4500	460	3620	4500	460
CIRCLING	3660	1	456	3840	1	636	3860	1 3/4	656	3940	2 1/4	736	3960	2 3/4	756

NOTES:
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -24C (-11F) OR ABOVE 51C (125F). @ CAT D 800-2 1/4, CAT E 800-2 3/4
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE LPV CAT E VISIBILITY TO RVR 4000, LNAV/VNAV ALL CATS TO RVR 4500, AND LNAV CAT E TO 1 3/8 SM.



CITY AND STATE RAPID CITY, SD	ELEVATION: 3204 TDZE: 3160 AIRPORT NAME: RAPID CITY RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 32, AMDT 2 17 AUGUST 2017	SUP: AMDT: 1C DATED 02/05/2015
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US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TAA	FROM	TO	ALT
1.	234/30 CW 054/30 (NOPT)	234/10 CW 054/10	8500
2.	234/10 CW 054/10	HELTA (IF/IAF) (FB)	5500
3.	054/30 CW 234/30	054/10 CW 234/10	9400
4.	054/10 CW 234/10	HELTA (IF/IAF) (FO)	5500



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				AMDT: 1C
				DATED: 02/05/2015

**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	KRAP
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	440158.0495N
LTP/FTP LONGITUDE	1030257.7995W
LTP/FTP ELLIPSOIDAL HEIGHT	+09411
FPAP LATITUDE	440316.5970N
FPAP LONGITUDE	1030356.1275W
THRESHOLD CROSSING HEIGHT (TCH)	00054.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0096
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER 67D54446

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+09579
FPAP ORTHOMETRIC HEIGHT	+09579



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