

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
ZAMBI (IAF)	VEKCU (FB)	071.42 / 4.36	6600	LPV: DA LNAV/VNAV: DA LNAV: RW05
RULER (IAF)	VEKCU (FB)	032.59 / 6.36	6600	
VEKCU (IF)	WODAV (FB)	053.67 / 4.08	5300	CLIMB TO 5300 DIRECT EWEBU AND HOLD.
WODAV (FAF)	XEPWY/2.30 NM TO RW05 (FB)	053.73 / 4.27		
XEPWY/2.30 NM TO RW05	RW05 (MAP) (FO)	053.73 / 2.30		
RW05 (MAP)	3423 MSL	053.73		<b>ADDITIONAL FLIGHT DATA:</b> HOLD NE, RT, 233.96 INBOUND. FAS OBST: 3234 POLE 440226N/1030340W OBST: 3879 AAO 435924N/1031154W DISTANCE TO THLD FROM 250 HATH: 0.68 NM. CHART VDP AT 0.92 MILES TO RW05* WAAS CHANNEL # 82633
3423 MSL	EWEBU (FO)		5300	

1. PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
2. PROFILE STARTS AT VEKCU
3. FAC: 053.73 FAF: WODAV DIST FAF TO MAP:   6.57   THLD:   6.57
4. MIN. ALT: VEKCU 6600, WODAV 5300, XEPWY/2.30 NM TO RW05 3920\*
5. DIST TO THLD FROM OM:        MM:        IM:        150 HAT:        100 HAT:        GS ANT:
6. MIN GS INCPT:   5300   GS ALT AT: WODAV 5300 OM:        MM:        IM:
7. GS ANGLE:   3.00   TCH: 33.7 34:1 IS CLEAR
8. MSA FROM: RW05 8500

REFERENCE PATH ID: W05A  
 CHART CIRCLING ICON:  
 CHART 175K ICON AT EWEBU  
 CHART ELLSWORTH AFB.  
 LTP HAE: 950.4 M  
  
 MAG VAR: 8E                      EPOCH YEAR: 2010

**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	3423	1	250	3423	1	250		NA			NA				
LNAV/VNAV DA	3423	1	250	3423	1	250		NA			NA				
LNAV MDA	3500	1	327	3500	1	327		NA			NA				
CIRCLING	3660	1	456	3840	1	636		NA			NA				

**NOTES:**  
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21C (-5F) OR ABOVE 54C @ NA WHEN LOCAL WEATHER NOT AVAILABLE.  
 (130F).  
 CHART NOTE: DME/DME RNP-0.3 NA.  
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ZAMBI ON V536 WESTBOUND.  
 (SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 3204    THRE: 3173	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: <b>CHECKED</b>
RAPID CITY, SD	AIRPORT NAME: RAPID CITY RGNL	RNAV	RNAV (GPS) RWY 5, ORIG 19 SEPTEMBER 2013	AMDT: NONE
				DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
**RNAV - STANDARD**  
**INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33**

Bearings, headings, courses, 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 in feet RVR.

NOTES, (CONT.):  
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ELLSWORTH AFB ALTIMETER SETTING AND INCREASE ALL DA 25 FEET AND ALL MDA 40 FEET.  
 CHART NOTE: VDP AND BARO-VNAV NA WITH ELLSWORTH AFB ALTIMETER SETTING.

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				AMDT: NONE
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**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	RW05
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	440252.3220N
LTP/FTP LONGITUDE	1030349.7560W
LTP/FTP ELLIPSOIDAL HEIGHT	+09504
FPAP LATITUDE	440334.3800N
FPAP LONGITUDE	1030200.8400W
THRESHOLD CROSSING HEIGHT (TCH)	00033.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03:00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1656
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER 06C8F9DB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+09671
FPAP ORTHOMETRIC HEIGHT	+09671

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	AIRPORT NAME: RAPID CITY RGNL			AMDT: NONE
				DATED:



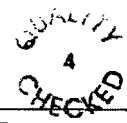
**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**FLIGHT STANDARDS SERVICES - FAR PART 97.33**

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 SUSAP KRAPK3SRW05 K3PG

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CITY AND STATE <b>RAPID CITY, SD</b>	ELEVATION: <b>3204</b> <b>THRE: 3173</b> AIRPORT NAME: <b>RAPID CITY RGNL</b>	FACILITY IDENTIFIER:  <b>RNAV</b>	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: <b>RNAV (GPS) RWY 5, ORIG</b>  19 SEPTEMBER 2013	SUP:
				AMDT: <b>NONE</b>
				DATED:

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

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	RULER	RULER	010	IAF	IF		FB					
	RULER	VEKCU	020		TF		FB	1.0	032.6 (040.6T)	006.4	AA 06600	
	ZAMBI	ZAMBI	010	IAF	IF		FB					
	ZAMBI	VEKCU	020		TF		FB	1.0	071.4 (079.4T)	004.4	AA 06600	
		VEKCU	010	FACF	IF		FB				AA 06600	
		WODAV	020	PAF	TF		FB	0.5	053.7 (061.7T)	004.1	AA 05300	
		XEPWY	021	SDF	TF		FB	0.3	053.7 (061.7T)	004.3	AA 03920	GS 03946
		RW05	030	MAP	TF		FO	0.3	053.7 (061.7T)	002.3	AT 03207	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		053.7 (061.7T)		AA 03423	
	EWEBU	050		DF		FO				AA 05300	
	EWEBU	060		HM	R	FO		234.0 (242.0T)	004.0	AA 05300	AB 175

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EWEBU	N440720.50	W1025213.26	N4407.342	W10252.221
	RULER	N435259.86	W1032233.88	N4352.998	W10322.565
	VEKCU	N435749.73	W1031649.83	N4357.829	W10316.831
	WODAV	N435945.80	W1031151.30	N4359.763	W10311.855
	XEPWY	N440147.11	W1030638.37	N4401.785	W10306.640
	ZAMBI	N435701.85	W1032245.77	N4357.031	W10322.763
	RW05	N440252.32	W1030349.76	N4402.872	W10303.829

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW05	03173	34

QUALITY  
A  
CHECKED

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	AIRPORT NAME: <b>RAPID CITY RGNL</b>		<b>RNAV (GPS) RWY 5, ORIG</b>	AMDT: <b>NONE</b>
			<b>19 SEPTEMBER 2013</b>	DATED: