

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.												
TERMINAL ROUTES										MISSED APPROACH						
FROM		TO			COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW23 CLIMB TO 4400 THEN CLIMBING LEFT TURN TO 9000 DIRECT PENRY AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 155.19 INBOUND. CHART FAS OBST: 3951 POLE 483704N/1121921W DISTANCE TO THLD FROM 200 HAT: 0.46 NM. CHART VDP AT 1.06 NM TO RW23* *LNAV ONLY. WAAS CHANNEL # 53337 REFERENCE PATH ID: W23A CHART CIRCLING ICON LTP HAE: 1155.6 M					
CTB VOR/DME		ZULTU (TF) (FO) (RNP 2.00)			037.51 / 12.81				6700							
WEBVO (IAF)		ZULTU (NOPT) (TF) (FB) (RNP 1.00)			275.19 / 26.77				6700							
ZULTU (IF/IAF)		WUTBO (TF) (FB) (RNP 1.00)			231.13 / 6.00				5800							
WUTBO (FAF)		ZABOV/1.60 NM TO RW23 (TF) (FB) (RNP 0.30)			231.03 / 4.39											
ZABOV/1.60 NM TO RW23		RW23 (MAP) (TF) (FO) (RNP 0.30)			231.03 / 1.60											
(SEE FORM 8260-10)																
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NE ZULTU, RT, 231.13 INBOUND, 6700 FT. IN LIEU OF PT (IAF) 3. FAC: 231.03 FAF: WUTBO DIST FAF TO MAP: 5.99 THLD: 5.99 4. MIN. ALT: ZULTU 6700, WUTBO 5800, ZABOV/1.60 NM TO RW23 4400* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 5800 GS ALT AT: WUTBO 5800 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 52.0 34:1 IS CLEAR 8. MSA FROM: RW23 6400																
										MAG VAR: 13E			EPOCH YEAR: 2015			
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	4040	3/4	200	4040	3/4	200	4040	3/4	200	4040	3/4	200				
LNAV/VNAV DA	4090	3/4	250	4090	3/4	250	4090	3/4	250	4090	3/4	250				
LNAV MDA	4220	1	380	4220	1	380	4220	1	380	4220	1	380				
CIRCLING	4280	1	422	4320	1	462	4320	1 1/2	462	4620	2 1/2	762				
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -25C (-13F) OR ABOVE 51C (124F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CTB VOR/DME ON V21 SOUTHEAST BOUND. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.																
CITY AND STATE		ELEVATION: 3858 TDZE: 3840				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:				
CUT BANK, MT		AIRPORT NAME:						RNAV (GPS) RWY 23, ORIG-A				AMDT: ORIG				
		CUT BANK INTL						2 MARCH 2017				DATED 11/13/2014				



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.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW23 (MAP)	4400 MSL	231.03	4400
4400 MSL	PENRY (DF) (FO) (RNP 1.00)		9000

CITY AND STATE
CUT BANK, MT

ELEVATION: 3858 TDZE: 3840
AIRPORT NAME:
CUT BANK INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 23, ORIG-A
2 MARCH 2017

SUP:
AMDT: ORIG
DATED: 11/13/2014

QUALITY
19
CHECKED

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCTB
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	483646.3490N
LTP/FTP LONGITUDE	1122155.9855W
LTP/FTP ELLIPSOIDAL HEIGHT	+11556
FPAP LATITUDE	483607.2050N
FPAP LONGITUDE	1122356.5705W
THRESHOLD CROSSING HEIGHT (TCH)	00052.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1136
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
 <u>CRC REMAINDER</u>	 6B6768BB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+11705
FPAP ORTHOMETRIC HEIGHT	+11705

CITY AND STATE

CUT BANK, MT

ELEVATION: 3858

TDZE: 3840

AIRPORT NAME:

CUT BANK INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 23, ORIG-A

2 MARCH 2017

SUP:

AMDT:

DATED:

 QUALITY
19
CHECKED

ORIG

11/13/2014