

**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> KPWD	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 12	<u>ORIGINAL/AMENDMENT</u> ORIG-D	<u>CITY</u> PLENTYWOOD	<u>STATE</u> MT		
<u>AIRPORT ELEVATION</u> 2264	<u>TDZE</u> 2252	<u>SUPERSEDED</u> RNAV (GPS) RWY 12	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>DATED</u> 06/18/2020	<u>MAG VAR</u> 10E	<u>EPOCH YEAR</u> 2005
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<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>
ISN VOR/DME		WODOS		TF	FO	1.00	304.73	53.71	4000
RILMY		WODOS		TF	FO	1.00	358.00	43.95	4200
NEGAE		ATEYA		TF	FB	1.00	038.63	65.69	4400
ATEYA	IAF	WODOS	NOPT	TF	FB	1.00	076.92	7.00	4000
WODOS	IF/IAF	OWFEW		TF	FB	1.00	107.05	4.00	3900
OWFEW	FAF	IHHIB/2.30 NM TO RW12		TF	FB	0.30	122.05	2.74	
IHHIB/2.30 NM TO RW12		RW12	MAP	TF	FO	0.30	122.05	2.30	
RW12	MAP	2567 MSL		CA			122.05		
2567 MSL		BEYYA		DF	FO	1.00			5000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW12

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 5000 DIRECT BEYYA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
16
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD W WODOS, RT, 079.05 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 122.05FAF: OWFEWDIST FAF TO MAP: 5.04DIST FAF TO THLD: 5.04

4. MIN ALT: WODOS 4000, OWFEW 3900, IHHIB/2.30 NM TO RW12 3020

5. DIST TO THLD FROM OM:MM:IM:150 HAT:315 HAT: 0.85GS ANT:

6. MIN GP INCPT: 3900GP ALT AT PFAF : OWFEW 3900OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 44.0

8. MSA FROM: RW12 4200

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING RWY 8, 26 NA AT NIGHT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WILLISTON ALTIMETER SETTING.

ADDITIONAL FLIGHT DATA:

2311 AAO 484927N/1043343W
HOLD SE, RT, 302.30 INBOUND.
CHART FAS OBST: 2291 TREE 484739N/1043121W.
CHART VDP AT 1.19 NM TO RW12.
WAAS CHANNEL # 97729
REFERENCE PATH ID: W12A
CHART CIRCLING ICON.
LTP HAE: 668.1 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - CAT D 900-2 3/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.

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	2567	7/8	315	2567	7/8	315	2567	7/8	315	2567	7/8	315			
LNAV/VNAV DA	2617	1	365	2617	1	365	2617	1	365	2617	1	365			
LNAV MDA	2660	1	408	2660	1	408	2660	1 1/8	408	2660	1 1/8	408			
CIRCLING	2780	1	516	2780	1	516	2880	1 3/4	616	3100	2 3/4	836			



CHANGES - REASONS

1. ADDED CHART NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) - VGSI TCH CHANGED FROM 44 TO 27.8.
2. REMOVED *LNAV ONLY FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED.
3. CHANGED PBN REQUIREMENT NOTE FROM RNP APCH TO RNP APCH - GPS - 8260.19I 8-6-8B(2).
4. INCORPORATED P-NOTAM 0/6195.
5. LTP/FTP LATTITUDE/LONGITUDE CHANGED FROM 484732.7635N/1043147.9270W TO 484732.7600N/1043147.9160W - INCORPORATED PENDING AIRNAV DATA.
6. CRC REMAINDER CHANGED FROM 524F5953 TO 75CC8065 - LTP/FTP COORDINATES CHANGED; INCORPORATED PENDING AIRNAV DATA.
7. LTP AND FPAP ORTHOMETRIC HEIGHT CHANGED FROM +06863 TO +06864 - UPDATED LTP LATITUDE/LONGITUDE; INCORPORATED PENDING AIRNAV DATA.
8. VDP UPDATED FROM 1.14 TO 1.19 - BASED ON NEW VGSI TCH.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZLC, ARPT MGR.

FLIGHT CHECKED BY

JORDAN ROLIH

OFFICE

FPO

Digitally signed by

DATE

JON DENTON

02/03/2022

Jan 20, 2022

DEVELOPED BY

DONALD H. LANIER (MICAH HILLEY)

Digitally signed by

OFFICE

JON DENTON

AJV-A431

DATE

10/27/2021

Jan 20, 2022

APPROVED BY

LONNIE EVERHART

Digitally signed by

OFFICE

JON DENTON

AJV-A430

DATE

Jan 20, 2022

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPWD
RUNWAY	RW12
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W12A
LTP/FTP LATITUDE	484732.7600N
LTP/FTP LONGITUDE	1043147.9160W
LTP/FTP ELLIPSOIDAL HEIGHT	+06681
FPAP LATITUDE	484633.0400N
FPAP LONGITUDE	1043008.0095W
THRESHOLD CROSSING HEIGHT (TCH)	00044.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1560
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	75CC8065

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+06864
FPAP ORTHOMETRIC HEIGHT	+06864



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

<u>AIRPORT ID</u> KPWD	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 12	<u>AMDT NO.</u> ORIG-D	<u>CITY</u> PLENTYWOOD	<u>STATE</u> MT	<u>AIRPORT ELEVATION</u> 2264	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM
ISN VOR/DME

TO
WODOS

<u>RNP</u>	<u>DISTANCE</u> 53.71	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
1.AAO	485201.80N/1044048.07W		2619	50	20	2C	1000				AT381	4000
2.TERRAIN	485201.80N/1044048.07W		2419 (2400)	50	20	2C					AS1500	3900

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FEEDER

FROM
RILMY

TO
WODOS

<u>RNP</u>	<u>DISTANCE</u> 43.95	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
3.AAO	484230.00N/1044727.00W		2907	164	98	4E	1000					4000
4.TERRAIN	484230.00N/1044727.00W		2706 (2700)								AS1500	4200

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FEEDER

FROM

NEGAE

TO

ATEYA

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	65.69											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
5.AAO	482745.00N/1054218.00W		3107	164	98	4E	1000					4200
6.TERRAIN	482745.00N/1054218.00W		2907 (2900)								AS1500	4400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

ATEYA

TO

WODOS

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	7.00											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
7.AAO	485221.00N/1045124.00W		2710	164	98	4E	1000					3800
8.TERRAIN	485221.00N/1045124.00W		2510 (2500)								AS1500	4000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE

FROM
WODOS (IF/IAF)

TO
OWFEW

RNP	DISTANCE 4.00	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
9.AAO	485354.00N/1044045.00W		2694	164	98	4E	500				AT608 AC98	3900
10.TERRAIN	485354.00N/1044045.00W		2494 (2500)								AS1000	3500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE SEGMENT OFFSET 14.93 DEGREES.

FINAL: LPV

FROM
OWFEW

TO
RW12

RNP	DISTANCE 5.04	PAT	MAP DA	HAT 315			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC			XP115	2567

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

XP TO MAINTAIN CURRENT MINIMUMS. BASED ON OLD REMOTE ALTIMETER.



FINAL: LNAV/VNAV

FROM

OWFEW

TO

RW12

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	5.04		DA			365						
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC			XP115	2617

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

XP TO MAINTAIN CURRENT MINIMUMS. BASED ON OLD REMOTE ALTIMETER.

FINAL: LNAV

FROM

OWFEW

TO

IHHIB/2.30 NM TO RW12

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	2.74											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
12.AAO	485058.34N/1043720.23W		2579	50	20	2C	250				DG71 RA120	3020

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



FINAL: LNAV STEPDOWN

FROM

IHHIB/2.30 NM TO RW12

TO

RW12

<u>RNP</u>	<u>DISTANCE</u> 2.30	<u>PAT</u>	<u>MAP</u> RW12	<u>HAT</u> 408			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
13.TREE	484739.06N/1043120.51W		2291	50	20	2C	250				XP115	2660

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

XP TO MAINTAIN CURRENT MINIMUMS. BASED ON OLD REMOTE ALTIMETER.
HOLD-IN-LIEU OF PT

FROM

WODOS

TO

P-5

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> P-5	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
14.AAO	485505.68N/1044255.73W	2719	50	20	2C	1000					3800
15.TERRAIN	485505.68N/1044255.73W	2519 (2500)								AS1500	4000

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



MISSED APPROACH : LPV

FROM

DA

TO

BEYYA

RNP	DISTANCE	PAT	MAP	HAT			HMAS 2287					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				5000
16.AAO	484130.00N/1041857.00W		2638	164	98	4E	1000					3700
17.TERRAIN	484130.00N/1041857.00W		2438 (2400)								AS1500	3900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH : LNAV/VNAV

FROM

DA

TO

BEYYA

RNP	DISTANCE	PAT	MAP	HAT			HMAS 2341					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				5000
16.AAO	484130.00N/1041857.00W		2638	164	98	4E	1000					3700
17.TERRAIN	484130.00N/1041857.00W		2438 (2400)								AS1500	3900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH : LNAV

FROM
RW12

TO
BEYYA

RNP	DISTANCE	PAT	MAP	HAT			HMAS 2445					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				5000
16.AAO	484130.00N/1041857.00W		2638	164	98	4E	1000					3700
17.TERRAIN	484130.00N/1041857.00W		2438 (2400)								AS1500	3900

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING

☐ ALL CATS ☒ CAT A ☒ CAT B ☒ CAT C ☒ CAT D ☐ CAT E ☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
18.TOWER (30-000639)	484703.97N/1043330.06W	1.33	516	2351	20	3	1A	300		XP115	2780
CATEGORY B											
18.TOWER (30-000639)	484703.97N/1043330.06W	1.89	516	2351	20	3	1A	300		XP115	2780
CATEGORY C											
19.TREE	484922.64N/1042737.14W	2.97	616	2451	50	20	2C	300		XP115	2880
CATEGORY D											
20.AAO	485004.88N/1042640.22W	3.89	836	2680	50	20	2C	300		XP115	3100

CIRCLING REMARKS:

XP TO MAINTAIN CURRENT MINIMUMS. BASED ON OLD REMOTE ALTIMETER.



MSA

CENTER

RW12

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	AAO	485745.00N/1051254.00W	281	29.0	3117	164	98	4E	1000			4200

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
ZLC ARTCC

<u>WX SERVICE</u> AWOS-3	<u>LOCATION</u> KPWD	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KPWD	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> KXWA	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KXWA	<u>DISTANCE</u> 44.69	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 115

WX REMARKS:
RASS PRESSURE PATTERNS THE SAME
KPWD 2264, KXWA 2353
RA = 115.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW12 - MIRL (PCL), PAPI-2L (PCL)		NPI-G	
RW30 - MIRL (PCL), PAPI-2L (PCL)		NPI-G	

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 2251.9	<u>TCH</u> 44.0	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 27.8
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u> -19C	<u>CRITICAL HIGH</u> +54C	<u>ACT</u> -19C	<u>APT ISA</u> +10.52C
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CRITICAL TEMPERATURE REMARKS:
AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 987 HIGH TEMP 1302.

"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS



and/or
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

TAA NOT DEVELOPED PER FPT/ATC.

AVERAGE VEGETATION 12 FEET PER FPT.

INTERMEDIATE AND INITIAL SEGMENT OFFSET TO AVOID CANADIAN AIRSPACE.

ORDER 8260.3 CHAPTER 2 APPLIED TO 2311 AAO 484927N/1043343W.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<div>AIRPORT ID KPWD</div>	<div>PROCEDURE NAME RNAV (GPS) RWY 12</div>	<div>AMDT NO. ORIG-D</div>	<div>CITY PLENTYWOOD</div>	<div>STATE MT</div>	<div>AIRPORT ELEVATION 2264</div>	<div>FACILITY RNAV</div>
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PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.47
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	132.05
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	2400
DISTANCE FROM	FAF	TO 1500FT POINT	4.00
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	117.05
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	2500

THRESHOLD
COORDINATES
(IF STR-IN)

484732.76N/1043147.92W

ARP COORDINATES

484725.86N/1043125.46W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

RUNWAY 8 DISTANCE 0.34 NM

FAF
COORDINATES

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PART E: PREPARED BY

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