US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ISN VORTAC (IAF)	BEYYA (FB)	307.99 / 31.79	5000
RILMY (IAF)	BEYYA (FB)	028.11 / 37.60	5000
BEYYA (IF)	QUDUC (FB)	302.30 / 7.37	3900
QUDUC (FAF)	LOTNE/2.00 NM TO RW30 (FB)	302.20 / 3.11	
LOTNE/2.00 NM TO RW30	RW30 (MAP) (FO)	302.16 / 2.00	
RW30 (MAP)	2900 MSL	302.16	2900
2900 MSL	BEYYA (FO)		5000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW30

CLIMB TO 2900 THEN CLIMBING RIGHT TURN TO 5000 DIRECT BEYYA AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT BEYYA
3. FAC: 302.20 FAF: QUDUC DIST FAF TO MAP: 5.11 THLD: 5.11
4. MIN. ALT: BEYYA 5000, QUDUC 3900, LOTNE/2.00 NM TO RW30 2900*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3900 GS ALT AT: QUDUC 3900 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 34.0 34:1 IS CLEAR
8. MSA FROM: RW30 4100

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 302.30 INBOUND.
CHART FAS OBST: 2311 TREE 484604N/1042815W
2509 AAO 484420N/1042442W.
DISTANCE TO THLD FROM 200 HATH: 0.52 NM.
CHART VDP AT 0.97 MILES TO RW30*
*LNAV ONLY.
WAAS CHANNEL # 50529
REFERENCE PATH ID: W30A
LTP HAE: 663.8 M

MAG VAR: 10E EPOCH YEAR: 2005

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	2438	3/4	200	2438	3/4	200	2438	3/4	200	2438	3/4	200			
LNAV/VNAV DA	2488	7/8	250	2488	7/8	250	2488	7/8	250	2488	7/8	250			
LNAV MDA	2580	1	342	2580	1	342	2580	1	342	2580	1	342			
CIRCLING	2680	1	416	2720	1	456	2720	1 1/2	456	2820	2	556			

NOTES:
CHART NOTE: CIRCLING TO RWY 8, 16, 26, 34 NA AT NIGHT.
CHART NOTE: BARO-VNAV NA WHEN USING WILLISTON ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C (-2F) OR ABOVE 29C (84F).
CHART NOTE: DME/DME RNP-0.3 NA.
(SEE FORM 8260-10)

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 2264 THRE: 2238	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
PLENTYWOOD, MT	AIRPORT NAME: SHER-WOOD	RNAV	RNAV (GPS) RWY 30, ORIG 15 NOVEMBER 2012	AMDT: NONE
				DATED

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NOTES, (CONT.):
CHART NOTE: VDP NA WITH WILLISTON ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WILLISTON ALTIMETER SETTING AND INCREASE ALL DA 157 FT AND ALL MDA 160 FT. INCREASE LPV, LNAV/VNAV ALL CATS VISIBILITY 1/2 MILE, LNAV CAT C AND D VISIBILITY 3/8 MILE, CIRCLING CAT C AND D VISIBILITY 1/4 MILE.

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPWD
RUNWAY	RW30
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30A
LTP/FTP LATITUDE	484706.9505N
LTP/FTP LONGITUDE	1043104.7415W
LTP/FTP ELLIPSOIDAL HEIGHT	+06638
FPAP LATITUDE	484806.6600N
FPAP LONGITUDE	1043244.6900W
THRESHOLD CROSSING HEIGHT (TCH)	00034.0
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)	35.0
CRC REMAINDER	063FA5E5

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+06821
FPAP ORTHOMETRIC HEIGHT	+06821

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ARINC PACKET - 424-18 - RNAV (GPS)

                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        ISN   K3011630VTLA N48151230W103450240    N48151230W103450240E0120023721     NARWILLISTON

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BEYYA K10    W     N48384414W104170727                      E0091     NAR           BEYYA
        SUSAEAENRT   LOTNE K10    W     N48454649W104285023                      E0092     NAR           LOTNE
        SUSAEAENRT   QUDUC K10    W     N48434120W104252114                      E0092     NAR           QUDUC
        SUSAEAENRT   RILMY K10    C   L N48091545W104520719                      E0095     NAR           RILMY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPWDK1APWD     0     039YHN48472040W104312270E010002264         1800018000C    MNAR    SHER-WOOD

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPWDK1FR30   AISN   010ISN  K3D 0V  A    IF                                                18000                 A JS
        SUSAP KPWDK1FR30   AISN   020BEYYAK1EA0EE B 010TF                    30800318    + 05000                             A JS
        SUSAP KPWDK1FR30   ARILMY 010RILMYK1EA0E  A    IF                                                18000                 A JS
        SUSAP KPWDK1FR30   ARILMY 020BEYYAK1EA0EE B 010TF                    02810376    + 05000                             A JS
        SUSAP KPWDK1FR30   R      010BEYYAK1EA0E  I    IF                                + 05000     18000                 A JS
        SUSAP KPWDK1FR30   R      020QUDUCK1EA1E  F 051TF                    30230074    + 03900                   RW30  K1PGA JS
        SUSAP KPWDK1FR30   R      020QUDUCK1EA2WALPV       ALNAV/VNAV ALNAV                                                    JS
        SUSAP KPWDK1FR30   R      021LOTNEK1EA0E S  031TF                    30220031    V 0290002909        -300          A JS
        SUSAP KPWDK1FR30   R      030RW30 K1PG0GY M 031TF                    30220020      02272             -300          A JS
        SUSAP KPWDK1FR30   R      040         0  M     CA                    3022        + 02900                             A JS
        SUSAP KPWDK1FR30   R      050BEYYAK1EA0EY  R   DF                                + 05000                             A JS
        SUSAP KPWDK1FR30   R      060BEYYAK1EA0EE  R   HM                    30230050    + 05000                             A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPWDK1GRW30    0039003021 N48470695W104310474+0400    +0663802238000034075R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPWDK1PR30   RW30 001 0000W30A0N4847069505W10431047415+066380300N4848066600W104324469001067515600003 40F400350063FA5E5
        SUSAP KPWDK1PR30   RW30 002E      +06821+06821LPV       50529
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QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 2264 THRE: 2238	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PLENTYWOOD, MT	AIRPORT NAME: SHER-WOOD	RNAV	RNAV (GPS) RWY 30, ORIG 15 NOVEMBER 2012	AMDT: NONE DATED:

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                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPWDK1SRW30 K1PG                0   18018004125                                                                    M
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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
	ISN	ISN	010	IAF	IF		FB					
	ISN	BEYYA	020		TF		FB	1.0	308.0(318.0T)	031.8	AA 05000	
	RILMY	RILMY	010	IAF	IF		FB					
	RILMY	BEYYA	020		TF		FB	1.0	028.1(038.1T)	037.6	AA 05000	
		BEYYA	010	FACF	IF		FB				AA 05000	
		QUDUC	020	FAF	TF		FB	0.5	302.3(312.3T)	007.4	AA 03900	
		LOTNE	021	SDF	TF		FB	0.3	302.2(312.2T)	003.1	AA 02900 GS 02909	
		RW30	030	MAP	TF		FO	0.3	302.2(312.2T)	002.0	AT 02272	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		302.2(312.2T)		AA 02900	
	BEYYA	050		DF	R	FO				AA 05000	
	BEYYA	060		HM	R	FO		302.3(312.3T)	005.0	AA 05000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ISN	N481512.30	W1034502.40	N4815.205	W10345.040
	BEYYA	N483844.14	W1041707.27	N4838.736	W10417.121
	LOTNE	N484546.49	W1042850.23	N4845.775	W10428.837
	QUDUC	N484341.20	W1042521.14	N4843.687	W10425.352
	RILMY	N480915.45	W1045207.19	N4809.258	W10452.120
	RW30	N484706.95	W1043104.74	N4847.116	W10431.079

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW30	02238	34

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