

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				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE				
NICQE (IAF)	YACSE (FB)	005.87 / 23.99	7900	LPV: DA LNAV/VNAV: DA LNAV: RW31			
CRANY (IAF)	YACSE (FB)	329.45 / 27.94	7900				
YACSE (IF)	ZABIG (FB)	313.85 / 6.00	7000	CLIMB TO 9500 DIRECT WODNI AND ON TRACK 000.39 TO EDDAR AND HOLD.			
ZABIG (FAF)	RW31 (MAP) (FO)	313.80 / 5.81					
RW31 (MAP)	5346 MSL	313.80		<b>ADDITIONAL FLIGHT DATA:</b> HOLD S, RT, 356.00 INBOUND. CHART FAS OBST: 5130 ROD ON OL AIRPORT BEACON 445200N/1084710W DISTANCE TO THLD FROM 250 HATH: 0.62 NM. WAAS CHANNEL # 50233 REFERENCE PATH ID: W31A CHART CIRCLING ICON. LTP HAE: 1540.2 M			
5346 MSL	WODNI (FB)						
WODNI	EDDAR	000.39 / 27.62	9500				

  

1. PT <u>      </u> SIDE OF COURSE <u>      </u> OUTBOUND <u>      </u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF)	
2. PROFILE STARTS AT YACSE	
3. FAC: <u>313.80</u> FAF: <u>ZABIG</u> DIST FAF TO MAP: <u>5.81</u> THLD: <u>5.81</u>	
4. MIN. ALT: YACSE 7900, ZABIG 7000	
5. DIST TO THLD FROM OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 150 HAT: <u>      </u> 100 HAT: <u>      </u> GS ANT: <u>      </u>	
6. MIN GS INCPT: <u>7000</u> GS ALT AT: <u>ZABIG 7000</u> OM: <u>      </u> MM: <u>      </u> IM: <u>      </u>	
7. GS ANGLE: <u>3.00</u> TCH: <u>53.0</u> 34:1 IS NOT CLEAR	
8. MSA FROM: <u>RW31 12300</u>	

  

MINIMUMS	
TAKEOFF: <u>SEE FAA FORM 8260-15A FOR THIS AIRPORT</u>	ALTERNATE: <u>N A</u> <u>X</u>

  

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	5346	1	250	5346	1	250	5346	1	250	5346	1	250			
LNAV/VNAV DA	5346	1	250	5346	1	250	5346	1	250	5346	1	250			
LNAV MDA	5380	1	284	5380	1	284	5380	1	284	5380	1	284			

  

CIRCLING	5500	1	404	5560	1	464	5560	1 1/2	464	5660	2	564			

  

**NOTES:**  
 CHART NOTE: DME/DME RNP-0.3 NA.  
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.  
 CHART NOTE: STRAIGHT-IN AND CIRCLING TO RWY 31 NA AT NIGHT.  
 CHART NOTE: BARO-VNAV NA WHEN USING CODY ALTIMETER SETTING.  
 (SEE FORM 8260-10)

  

CITY AND STATE  POWELL, WY	ELEVATION: 5096	THRE: 5096	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMD'T NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, ORIG  19 SEPTEMBER 2013	SUP:
	AIRPORT NAME:  POWELL MUNI				AMD'T: NONE
					DATED

CHECKED  
4  
QUALITY

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
RNAV - STANDARD  
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NOTES, (CONT.):

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -25C (-13F) OR ABOVE 48C (118F).

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CODY ALTIMETER SETTING: INCREASE ALL DA 54 FT AND ALL MDA 60 FT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CRANY ON V319 SOUTHEAST BOUND AND V187 SOUTH BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT NICQE ON V85 SOUTHEAST BOUND.

CITY AND STATE  
POWELL, WY

ELEVATION: 5096 THRE: 5096  
AIRPORT NAME:  
POWELL MUNI

FACILITY  
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RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:  
RNAV (GPS) RWY 31, ORIG  
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SUP:  
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RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPOY
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	445143.6250N
LTP/FTP LONGITUDE	1084707.4265W
LTP/FTP ELLIPSOIDAL HEIGHT	+15402
FPAP LATITUDE	445256.3670N
FPAP LONGITUDE	1084819.7675W
THRESHOLD CROSSING HEIGHT (TCH)	00053.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0864
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

031521A0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+15532
FPAP ORTHOMETRIC HEIGHT	+15532

QUALITY  
8  
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CITY AND STATE POWELL, WY	ELEVATION: 5096	THRE: 5096	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, ORIG 19 SEPTEMBER 2013	SUP:
	AIRPORT NAME:				AMDT: NONE
	POWELL MUNI				DATED:

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WP	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAEAEENRT	CRANY	K10	C	L	N44154564W108242747			E0109	NAR	CRANY			
SUSAEAEENRT	EDDAR	K10	C	L	N45240126W108443536			E0112	NAR	EDDAR			
SUSAEAEENRT	NICQE	K10	C	L	N44190755W108471957			E0111	NAR	NICQE			
SUSAEAEENRT	WODNI	K10	W		N44565744W108521996			E0112	NAR	WODNI			
SUSAEAEENRT	YACSE	K10	W		N44420466W108373390			E0110	NAR	YACSE			
SUSAEAEENRT	ZABIG	K10	W		N44465880W108422478			E0111	NAR	ZABIG			

[illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3	
SUSAP KPOYK1FR31	ACRANY	010CRANYK1EA0E	A	IF						18000		A	JS	
SUSAP KPOYK1FR31	ACRANY	020YACSEK1EA0EE	B	010TF		32950279		+	07900			A	JS	
SUSAP KPOYK1FR31	ANICQE	010NICQEK1EA0E	A	IF						18000		A	JS	
SUSAP KPOYK1FR31	ANICQE	020YACSEK1EA0EE	B	010TF		00590240		+	07900			A	JS	
SUSAP KPOYK1FR31	R	010YACSEK1EA0E	I	IF				+	07900	18000		A	JS	
SUSAP KPOYK1FR31	R	020ZABIGK1EA1E	F	051TF		31390060		+	07000		RW31	K1PGA	JS	
SUSAP KPOYK1FR31	R	020ZABIGK1EA2WALPV			ALNAV/VNAV	ALNAV							JS	
SUSAP KPOYK1FR31	R	030RW31 K1PG0GY	M	031TF		31380058			05149		-300		A	JS
SUSAP KPOYK1FR31	R	040	0	M	CA	3138		+	05346				A	JS
SUSAP KPOYK1FR31	R	050WODNIK1EA0E		DF									A	JS
SUSAP KPOYK1FR31	R	060EDDARK1EA0EY		010TF					00040276		+	09500	A	JS
SUSAP KPOYK1FR31	R	070EDDARK1EA0EE	R	HM		35600070			+	09500			A	JS

[illegible][illegible][illegible]

CITY AND STATE <b>POWELL, WY</b>	ELEVATION: <b>5096</b> THRE: <b>5096</b>	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: <b>POWELL MUNI</b>	<b>RNAV</b>	<b>RNAV (GPS) RWY 31, ORIG</b> 19 SEPTEMBER 2013	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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SUSAP KPOYK1SRW31 K1PG

0 18018012325

M

CITY AND STATE  
**POWELL, WY**

ELEVATION: **5096**      THRE: **5096**  
AIRPORT NAME:  
**POWELL MUNI**

FACILITY  
IDENTIFIER:  
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PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:  
**RNAV (GPS) RWY 31, ORIG**  
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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
	CRANY	CRANY	010	IAF	IF		FB					
	CRANY	YACSE	020		TF		FB	1.0	329.5 (340.5T)	027.9	AA 07900	
	NICQE	NICQE	010	IAF	IF		FB					
	NICQE	YACSE	020		TF		FB	1.0	005.9 (016.9T)	024.0	AA 07900	
		YACSE	010	PACF	IF		FB				AA 07900	
		ZABIG	020	FAF	TF		FB	0.5	313.9 (324.9T)	006.0	AA 07000	
		RW31	030	MAP	TF		FO	0.3	313.8 (324.8T)	005.8	AT 05149	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
			040		CA		FB		313.8 (324.8T)		AA 05346	
		WODNI	050		DF		FB					
		EDDAR	060		TF		FO	1.0	000.4 (011.4T)	027.6	AA 09500	
		EDDAR	070		HM	R	FO		356.0 (007.0T)	007.0	AA 09500	
POINT DATA		WAYPOINT		LAT IN SECS		LONG IN SECS		LAT IN MINS		LONG IN MINS		
		CRANY		N441545.64		W1082427.47		N4415.761		W10824.458		
		EDDAR		N452401.26		W1084435.36		N4524.021		W10844.589		
		NICQE		N441907.55		W1084719.57		N4419.126		W10847.326		
		WODNI		N445657.44		W1085219.96		N4456.957		W10852.333		
		YACSE		N444204.66		W1083733.90		N4442.078		W10837.565		
		ZABIG		N444658.80		W1084224.78		N4446.980		W10842.413		
		RW31		N445143.63		W1084707.43		N4451.727		W10847.124		
RUNWAY DATA		RWY		THRESHOLD ELEVATION		TCH						
		RW31		05096		53						

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	AIRPORT NAME: <b>POWELL MUNI</b>		<b>RNAV</b>	<b>RNAV (GPS) RWY 31, ORIG</b> 19 SEPTEMBER 2013	AMDT: <b>NONE</b>
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