

# KRAP

Rapid City Rgnl

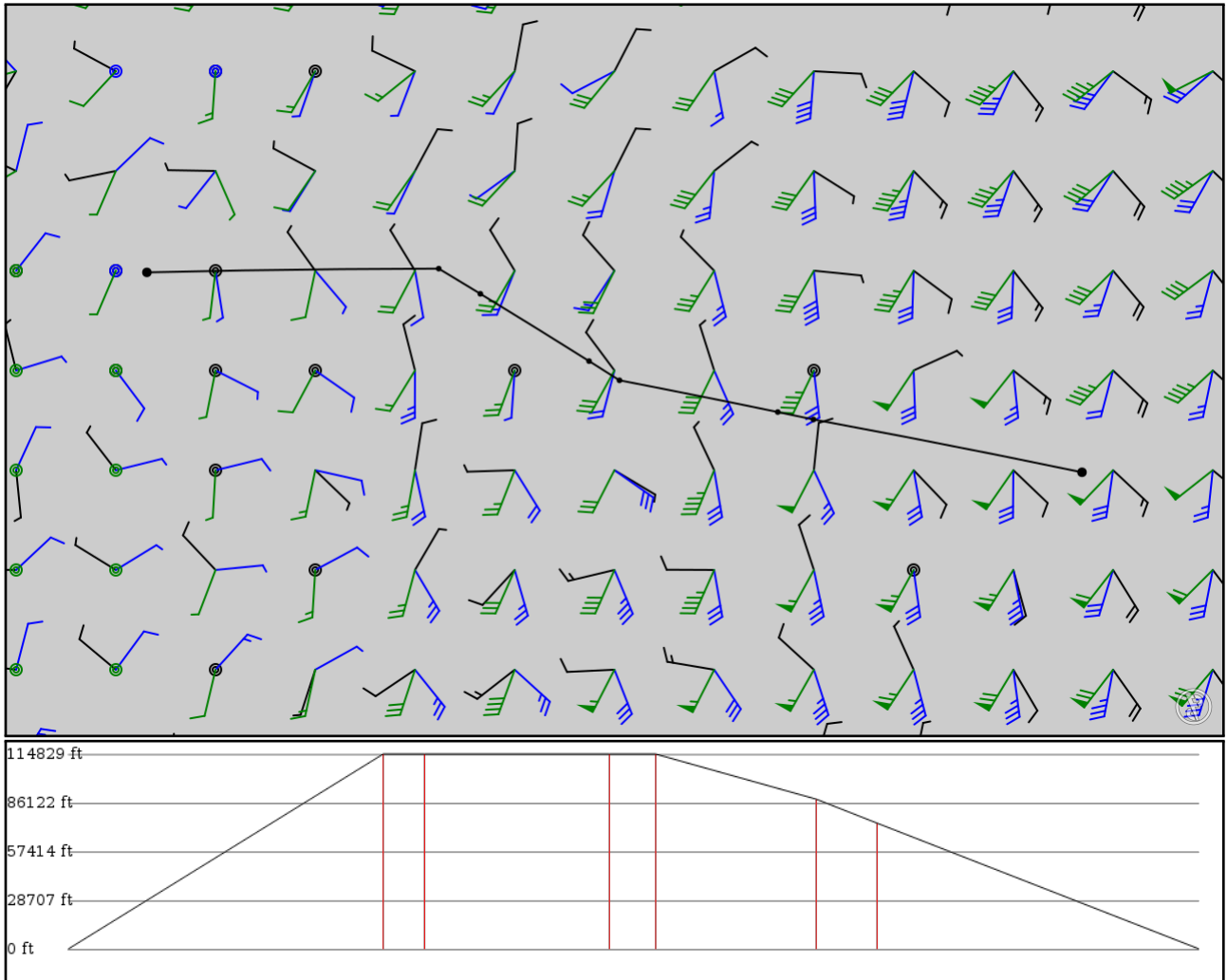
# KBZN

Bozeman Yellowstone Int'l

2024/05/23 1111Z

KRAP IMUNE **V86** SHR **V611** BIL KBZN

371.87 nm / 688.70 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: yes
- Use high airways: yes



## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KRAP APT	-	44.04680 -103.05800	0 ft 0 m	-	Rapid City Rgnl
IMUNE FIX	-	44.50340 -105.38200	35,000 ft 10,668 m	103	-
WETON FIX	V86 AWY-LO	44.56810 -105.69100	35,000 ft 10,668 m	13	-
SHR VOR	V86 AWY-LO	44.84230 -107.06100	35,000 ft 10,668 m	60	SHERIDAN
PARBE FIX	V611 AWY-LO	45.00850 -107.32400	35,000 ft 10,668 m	14	-
KRONA FIX	V611 AWY-LO	45.59080 -108.26500	26,900 ft 8,199 m	52	-
BIL VOR	V611 AWY-LO	45.80860 -108.62500	22,600 ft 6,888 m	19	BILLINGS
KBZN APT	-	45.77620 -111.15100	0 ft 0 m	105	Bozeman Yellowstone Int'l

## KRAP

Region: UNITED STATES  
Timezone: AMERICA/DENVER  
Runways: 2

Elevation: 3,203 ft / 976 m  
Location: 44.046800 -103.058000  
Magnetic Var: 6.756 E

## METAR

KRAP 231052Z AUTO 14005KT 10SM CLR 08/04 A2960 RMK A02 SLP014 T00780044

## TAF

TAF KRAP 230520Z 2306/2406 VRB05KT P6SM SCT150 FM231600 26015G25KT P6SM SCT120 FM232100 26025G36KT P6SM SCT100 FM

## Frequencies

REC - 118.52 MHz - ATIS  
GND - 121.90 MHz - RAPID CITY GROUND  
DEP - 119.50 MHz - ELLSWORTH DEPARTURE  
TWR - 125.85 MHz - RAPID CITY TOWER  
APP - 119.50 MHz - ELLSWORTH APPROACH  
COM - 122.95 MHz - RAPID CITY UNICOM

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
14	150 ft	8,700 ft	151.93	CONCRETE	0 ft	200 ft
	46 m	2,652 m	145.17		0 m	61 m
32	150 ft	8,700 ft	331.94	CONCRETE	0 ft	200 ft
	46 m	2,652 m	325.18		0 m	61 m
05	75 ft	3,593 ft	61.77	ASPHALT	0 ft	0 ft
	23 m	1,095 m	55.01		0 m	0 m
23	75 ft	3,593 ft	241.77	ASPHALT	0 ft	0 ft
	23 m	1,095 m	235.02		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
32	DME	IRAP	109.30 MHz	18 nm	-	-	3,209 ft
				33 km	-		3,209 m
32	LOC-ILS	IRAP	109.30 MHz	18 nm	331.93	-	3,203 ft
				33 km	325.17		3,203 m
32	GS	IRAP	109.30 MHz	10 nm	331.93	3.00	3,203 ft
				19 km	325.17		3,203 m

## KBZN

Region: UNITED STATES  
Timezone: AMERICA/DENVER  
Runways: 3

Elevation: 4,471 ft / 1,363 m  
Location: 45.776200 -111.151000  
Magnetic Var: 11.149 E

## METAR

KBZN 231056Z AUTO 31003KT 2SM -SN BR OVC015 01/00 A2974 RMK A02 RAE23SNB23 SLP070 P0016 T00060000

## TAF

KBZN 230758Z 2308/2412 22009KT 6SM -RA BR FEW006 BKN020 OVC030 FM231100 VRB06KT 2SM -RASN BR OVC010 FM232300 33009

## Frequencies

REC - 135.42 MHz - ATIS  
COM - 122.95 MHz - UNICOM  
GND - 121.80 MHz -  
COM - 118.20 MHz - CTAF  
COM - 122.95 MHz - UNICOM  
TWR - 118.20 MHz - BOZEMAN TWR

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
12	151 ft	9,002 ft	135.85	ASPHALT	0 ft	180 ft
	46 m	2,744 m	124.71		0 m	55 m
30	151 ft	9,002 ft	315.87	ASPHALT	0 ft	174 ft
	46 m	2,744 m	304.72		0 m	53 m
11	79 ft	3,199 ft	135.79	GRASS	0 ft	0 ft
	24 m	975 m	124.64		0 m	0 m
29	79 ft	3,199 ft	315.79	GRASS	0 ft	0 ft
	24 m	975 m	304.64		0 m	0 m
03	75 ft	2,650 ft	45.66	ASPHALT	0 ft	0 ft
	23 m	808 m	34.51		0 m	0 m
21	75 ft	2,650 ft	225.67	ASPHALT	0 ft	0 ft
	23 m	808 m	214.52		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12	LOC-ILS	IBZN	109.30 MHz	18 nm	135.87	-	4,421 ft
				33 km	124.72		4,421 m
12	GS	IBZN	109.30 MHz	10 nm	136.71	3.00	4,427 ft
				19 km	125.56		4,427 m