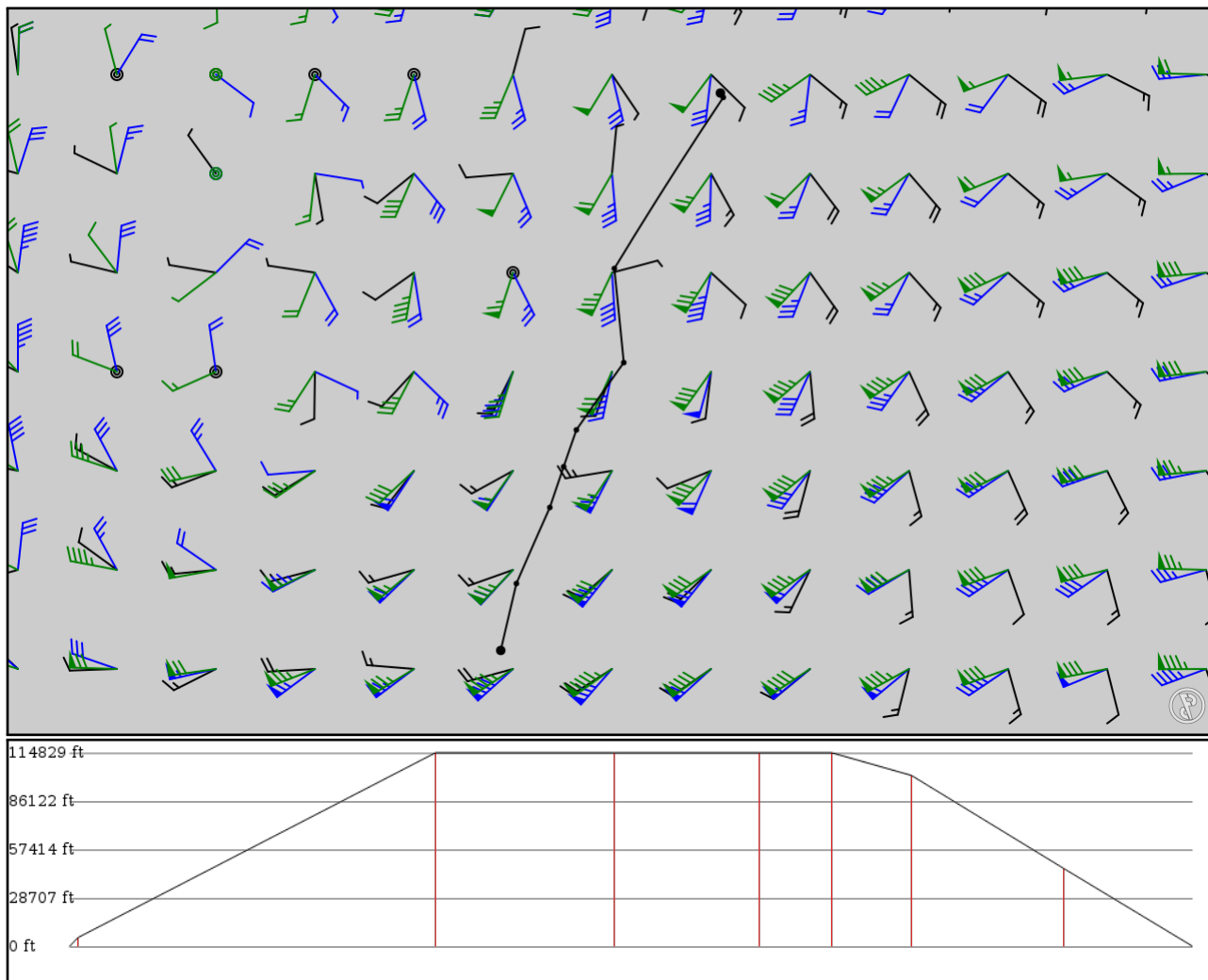


2024/06/04 0542Z

KRAP RAP **J17** CYS **J13** ESPAN KABQ

576.50 nm / 1067.67 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
RAP VOR	-	43.97600 -103.01200	1,600 ft 488 m	4	RAPID CITY
CYS VOR	J17 AWY-HI	41.21100 -104.77300	35,000 ft 10,668 m	183	CHEYENNE
FQF VOR	J13 AWY-HI	39.69010 -104.62100	35,000 ft 10,668 m	91	FALCON (DENVER)
VIMPY FIX	J13 AWY-HI	38.60280 -105.38700	35,000 ft 10,668 m	74	-
BINKE FIX	J13 AWY-HI	38.00710 -105.59300	35,000 ft 10,668 m	37	-
ALS VOR	J13 AWY-HI	37.34920 -105.81600	30,900 ft 9,418 m	40	ALAMOSA
ESPAN FIX	J13 AWY-HI	36.11980 -106.35700	14,100 ft 4,298 m	78	-
KABQ APT	-	35.03820 -106.61000	0 ft 0 m	66	Albuquerque

## KRAP

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

Elevation: 3,203 ft / 976 m  
Location: 44.046800 -103.058000  
Magnetic Var: 6.753 E

## METAR

KRAP 040452Z AUTO 20004KT 10SM CLR 19/08 A2948 RMK A02 SLP956 T01890083

## TAF

KRAP 032320Z 0400/0424 20010G20KT P6SM BKN150 FM040700 31015G25KT P6SM OVC100 FM041000 33020G30KT P6SM BKN100 FM041300 30015G25KT P6SM BKN100

## 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	325.18		3,203 m
32	GS	IRAP	109.30 MHz	10 nm	331.93	3.00	3,203 ft
				19 km	325.18		3,203 m

## KABQ

Region: UNITED STATES

Timezone: AMERICA/DENVER

Runways: 3

Elevation: 5,354 ft / 1,632 m

Location: 35.038200 -106.610000

Magnetic Var: 7.885 E

## METAR

KABQ 040452Z 31006KT 10SM SCT250 26/M06 A2987 RMK A02 SLP019 T02611061 \$

## TAF

TAF KABQ 032320Z 0400/0424 24011G19KT P6SM BKN250 FM040200 27008KT P6SM BKN250 FM040700 VRB05KT P6SM BKN200 FM041

## Frequencies

REC - 118.00 MHz - ATIS

CLD - 119.20 MHz - CLNC DEL

TWR - 123.77 MHz -

APP - 123.90 MHz - APP/DEP

APP - 127.40 MHz - APP/DEP

COM - 122.95 MHz - UNICOM

GND - 121.90 MHz -

TWR - 120.30 MHz -

APP - 124.40 MHz - APP/DEP

APP - 134.80 MHz - APP/DEP

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
08	150 ft	13,762 ft	90.43	CONCRETE	1,001 ft	551 ft
	46 m	4,195 m	82.54		305 m	168 m
26	150 ft	13,762 ft	270.45	CONCRETE	0 ft	1,001 ft
	46 m	4,195 m	262.57		0 m	305 m
03	150 ft	10,002 ft	44.66	CONCRETE	0 ft	400 ft
	46 m	3,049 m	36.77		0 m	122 m
21	150 ft	10,002 ft	224.67	CONCRETE	0 ft	0 ft
	46 m	3,049 m	216.79		0 m	0 m
12	150 ft	6,024 ft	128.99	CONCRETE	0 ft	0 ft
	46 m	1,836 m	121.11		0 m	0 m
30	150 ft	6,024 ft	309.00	CONCRETE	0 ft	0 ft
	46 m	1,836 m	301.11		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08	DME	ISPT	111.90 MHz	18 nm	-	-	5,374 ft
				33 km	-		5,374 m
03	LOC-ILS	IBZY	111.50 MHz	18 nm	44.67	-	5,354 ft
				33 km	36.78		5,354 m
08	LOC-ILS	ISPT	111.90 MHz	18 nm	90.44	-	5,354 ft
				33 km	82.55		5,354 m
03	GS	IBZY	111.50 MHz	10 nm	44.67	3.00	5,354 ft
				19 km	36.78		5,354 m
08	GS	ISPT	111.90 MHz	10 nm	90.44	3.00	5,354 ft
				19 km	82.55		5,354 m