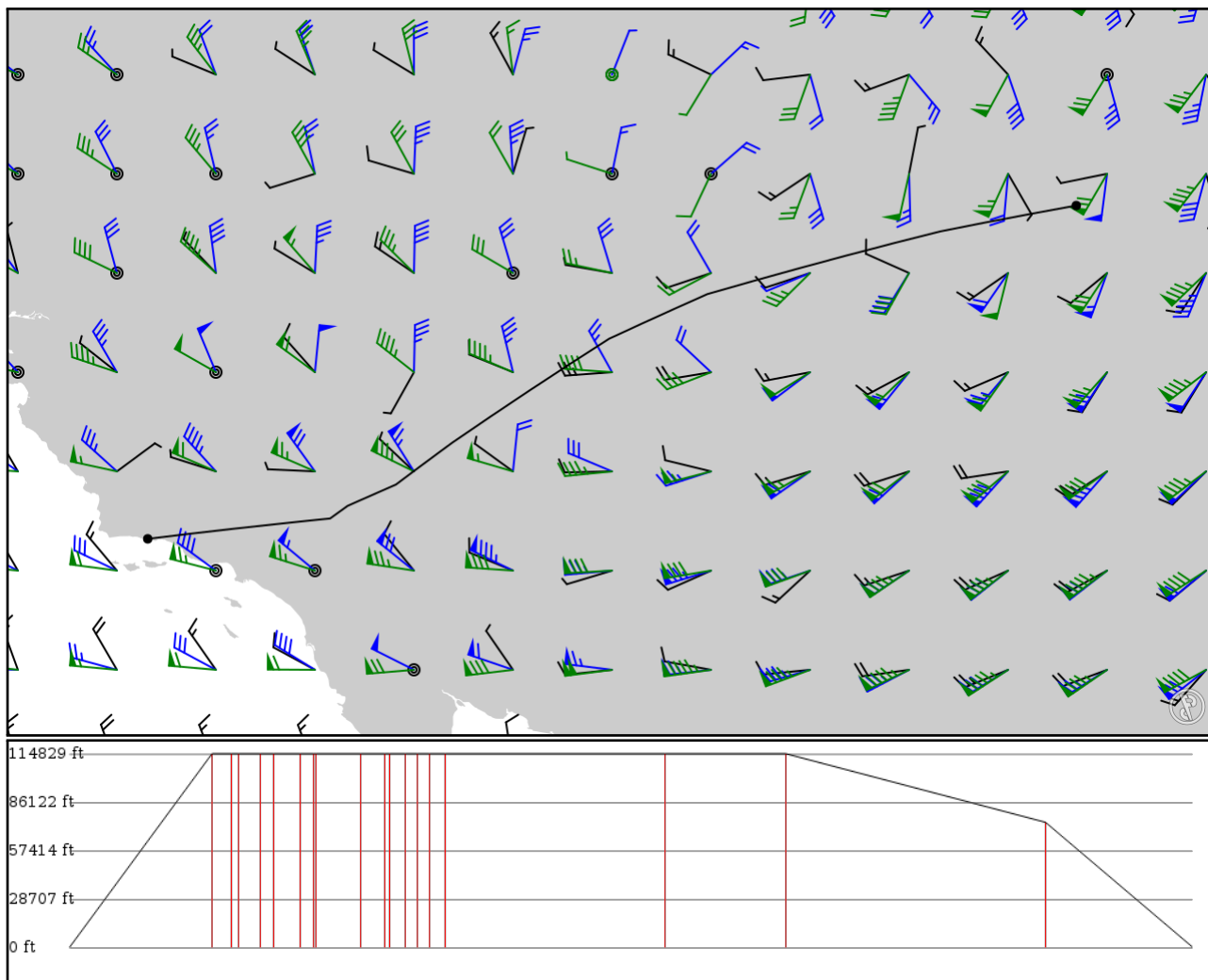


2024/05/11 0912Z

KSBA ETHER V12 BASAL V394 DAG V587 DANBY V21 BLD J60 DBL KDEN

813.46 nm / 1506.52 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
KSBA APT	-	34.42600 -119.84100	0 ft 0 m	-	Santa Barbara Mun
ETHER FIX	-	34.66410 -117.76400	35,000 ft 10,668 m	103	-
NASTE FIX	V12 AWY-LO	34.69400 -117.48300	35,000 ft 10,668 m	13	-
HELDE FIX	V12 AWY-LO	34.70450 -117.38300	35,000 ft 10,668 m	4	-
NULMN FIX	V12 AWY-LO	34.73730 -117.06600	35,000 ft 10,668 m	15	-
BASAL FIX	V12 AWY-LO	34.75780 -116.86200	35,000 ft 10,668 m	10	-
DAG VOR	V394 AWY-LO	34.96250 -116.57800	35,000 ft 10,668 m	18	DAGGETT
JOKUR FIX	V587 AWY-LO	35.04180 -116.40000	35,000 ft 10,668 m	9	-
TEELE FIX	V587 AWY-LO	35.05760 -116.36400	35,000 ft 10,668 m	2	-
DANBY FIX	V587 AWY-LO	35.31140 -115.78600	35,000 ft 10,668 m	32	-
WHIGG FIX	V21 AWY-LO	35.50790 -115.52400	35,000 ft 10,668 m	17	-
WOPMA FIX	V21 AWY-LO	35.54800 -115.47000	35,000 ft 10,668 m	3	-
BOACH FIX	V21 AWY-LO	35.67820 -115.29500	35,000 ft 10,668 m	11	-
CRESO FIX	V21 AWY-LO	35.77400 -115.16500	35,000 ft 10,668 m	8	-
DICSA FIX	V21 AWY-LO	35.86810 -115.03800	35,000 ft 10,668 m	8	-
BLD VOR	V21 AWY-LO	35.99580 -114.86400	35,000 ft 10,668 m	11	BOULDER CITY
BCE VOR	J60 AWY-HI	37.68920 -112.30400	35,000 ft 10,668 m	159	BRYCE CANYON
HVE VOR	J60 AWY-HI	38.41680 -110.70000	35,000 ft 10,668 m	87	HANKSVILLE
DBL VOR	J60 AWY-HI	39.43930 -106.89500	22,600 ft 6,888 m	188	RED TABLE (EAGLE)
KDEN APT	-	39.86100 -104.67200	0 ft 0 m	105	Denver Intl

KSBA

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

Elevation: 13 ft / 4 m
Location: 34.426000 -119.841000
Magnetic Var: 11.804 E

METAR

KSBA 110853Z AUTO 15006KT 2 1/2SM BR OVC002 12/12 A2994 RMK A02 SLP138 T01220122 50002 \$

TAF

KSBA 110537Z 1106/1206 VRB03KT 3SM BR BKN004 FM111600 VRB03KT 5SM BR BKN008 FM112100 25008KT P6SM BKN012 FM112300

Frequencies

REC - 132.65 MHz - KSBA ATIS
CLD - 132.90 MHz - SANTA BARBARA CLD
TWR - 119.70 MHz - SANTA BARBARA TWR
DEP - 120.55 MHz - SANTA BARBARA DEP
COM - 119.70 MHz - SANTA BARBARA CTAF
GND - 121.70 MHz - SANTA BARBARA GND
APP - 120.55 MHz - SANTA BARBARA APP

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07	151 ft	6,037 ft	88.58	CONCRETE	0 ft	151 ft
	46 m	1,840 m	76.78		0 m	46 m
25	151 ft	6,037 ft	268.59	CONCRETE	0 ft	991 ft
	46 m	1,840 m	256.79		0 m	302 m
15R	98 ft	4,197 ft	165.70	ASPHALT	0 ft	0 ft
	30 m	1,279 m	153.89		0 m	0 m
33L	98 ft	4,197 ft	345.70	ASPHALT	0 ft	0 ft
	30 m	1,279 m	333.89		0 m	0 m
15L	75 ft	4,192 ft	165.73	ASPHALT	0 ft	0 ft
	23 m	1,278 m	153.93		0 m	0 m
33R	75 ft	4,192 ft	345.74	ASPHALT	0 ft	0 ft
	23 m	1,278 m	333.93		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07	DME	ISBA	110.30 MHz	18 nm	-	-	29 ft
				33 km	-		29 m
07	LOC-ILS	ISBA	110.30 MHz	18 nm	88.59	-	13 ft
				33 km	76.79		13 m
07	GS	ISBA	110.30 MHz	10 nm	88.59	3.00	13 ft
				19 km	76.79		13 m

KDEN

Region: UNITED STATES
Timezone: AMERICA/DENVER
Runways: 6

Elevation: 5,429 ft / 1,655 m
Location: 39.861000 -104.672000
Magnetic Var: 7.394 E

METAR

KDEN 110853Z 17010KT 10SM SCT200 03/01 A3013 RMK AO2 SLP180 T00280006 57014

TAF

TAF AMD KDEN 110903Z 1109/1212 17009KT P6SM FEW120 SCT160 BKN220 FM111400 22008KT P6SM FEW080 SCT120 BKN220 FM112

Frequencies

REC - 134.02 MHz - D-ATIS	COM - 122.95 MHz - UNICOM
CLD - 118.75 MHz - CLEARANCE DELIVERY	GND - 121.85 MHz - DENVER GROUND
GND - 127.50 MHz - DENVER GROUND	TWR - 132.35 MHz - DENVER TOWER
TWR - 133.30 MHz - DENVER TOWER	TWR - 128.75 MHz - DENVER TOWER
TWR - 135.30 MHz - DENVER TOWER	APP - 119.30 MHz - DENVER APPROACH
APP - 120.35 MHz - DENVER APPROACH	DEP - 126.10 MHz - DENVER DEPARTURE
DEP - 127.05 MHz - DENVER DEPARTURE	DEP - 128.25 MHz - DENVER DEPARTURE
DEP - 128.45 MHz - DENVER DEPARTURE	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16R	200 ft	16,016 ft	180.50	CONCRETE	0 ft	410 ft
	61 m	4,882 m	173.11		0 m	125 m
34L	200 ft	16,016 ft	0.50	CONCRETE	0 ft	410 ft
	61 m	4,882 m	353.10		0 m	125 m
16L	151 ft	12,013 ft	180.51	CONCRETE	0 ft	413 ft
	46 m	3,662 m	173.12		0 m	126 m
34R	151 ft	12,013 ft	0.51	CONCRETE	0 ft	394 ft
	46 m	3,662 m	353.12		0 m	120 m
17R	151 ft	12,013 ft	180.53	CONCRETE	0 ft	413 ft
	46 m	3,662 m	173.13		0 m	126 m
35L	151 ft	12,013 ft	0.53	CONCRETE	0 ft	400 ft
	46 m	3,662 m	353.13		0 m	122 m
17L	151 ft	12,013 ft	180.54	CONCRETE	0 ft	404 ft
	46 m	3,662 m	173.15		0 m	123 m
35R	151 ft	12,013 ft	0.54	CONCRETE	0 ft	400 ft
	46 m	3,662 m	353.15		0 m	122 m
07	151 ft	12,013 ft	90.50	CONCRETE	0 ft	377 ft
	46 m	3,662 m	83.10		0 m	115 m
25	151 ft	12,013 ft	270.52	CONCRETE	0 ft	374 ft
	46 m	3,662 m	263.13		0 m	114 m
08	151 ft	12,013 ft	90.54	CONCRETE	0 ft	367 ft
	46 m	3,662 m	83.14		0 m	112 m
26	151 ft	12,013 ft	270.56	CONCRETE	0 ft	400 ft
	46 m	3,662 m	263.17		0 m	122 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07	DME	IDZG	111.55 MHz	18 nm	-	-	5,352 ft
				33 km	-		5,352 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08	DME	IFUI	108.90 MHz	18 nm 33 km	- -	-	5,345 ft 5,345 m
16L	DME	ILTT	111.10 MHz	18 nm 33 km	- -	-	5,347 ft 5,347 m
16R	DME	IDQQ	111.90 MHz	18 nm 33 km	- -	-	5,311 ft 5,311 m
17L	DME	IBXP	110.15 MHz	18 nm 33 km	- -	-	5,328 ft 5,328 m
17R	DME	IACX	108.50 MHz	18 nm 33 km	- -	-	5,390 ft 5,390 m
25	DME	IERP	111.55 MHz	18 nm 33 km	- -	-	5,352 ft 5,352 m
26	DME	IJOY	108.90 MHz	18 nm 33 km	- -	-	5,300 ft 5,300 m
34L	DME	IDXU	111.90 MHz	18 nm 33 km	- -	-	5,311 ft 5,311 m
34R	DME	IOUF	111.10 MHz	18 nm 33 km	- -	-	5,349 ft 5,349 m
35L	DME	IAQD	108.50 MHz	18 nm 33 km	- -	-	5,421 ft 5,421 m
35R	DME	IDPP	110.15 MHz	18 nm 33 km	- -	-	5,360 ft 5,360 m
07	LOC-ILS	IDZG	111.55 MHz	18 nm 33 km	90.51 83.12	-	5,431 ft 5,431 m
08	LOC-ILS	IFUI	108.90 MHz	18 nm 33 km	90.55 83.16	-	5,431 ft 5,431 m
16L	LOC-ILS	ILTT	111.10 MHz	18 nm 33 km	180.51 173.12	-	5,431 ft 5,431 m
16R	LOC-ILS	IDQQ	111.90 MHz	18 nm 33 km	180.50 173.11	-	5,431 ft 5,431 m
17L	LOC-ILS	IBXP	110.15 MHz	18 nm 33 km	180.53 173.14	-	5,431 ft 5,431 m
17R	LOC-ILS	IACX	108.50 MHz	18 nm 33 km	180.53 173.14	-	5,431 ft 5,431 m
25	LOC-ILS	IERP	111.55 MHz	18 nm 33 km	270.51 263.12	-	5,431 ft 5,431 m
26	LOC-ILS	IJOY	108.90 MHz	18 nm 33 km	270.55 263.16	-	5,431 ft 5,431 m
34L	LOC-ILS	IDXU	111.90 MHz	18 nm 33 km	0.50 353.11	-	5,431 ft 5,431 m
34R	LOC-ILS	IOUF	111.10 MHz	18 nm 33 km	0.51 353.12	-	5,431 ft 5,431 m
35L	LOC-ILS	IAQD	108.50 MHz	18 nm 33 km	0.53 353.14	-	5,431 ft 5,431 m
35R	LOC-ILS	IDPP	110.15 MHz	18 nm 33 km	0.53 353.14	-	5,431 ft 5,431 m
07	GS	IDZG	111.55 MHz	10 nm 19 km	90.51 83.12	3.00	5,431 ft 5,431 m
08	GS	IFUI	108.90 MHz	10 nm 19 km	90.55 83.16	3.00	5,431 ft 5,431 m
16L	GS	ILTT	111.10 MHz	10 nm 19 km	180.51 173.12	3.00	5,431 ft 5,431 m
16R	GS	IDQQ	111.90 MHz	10 nm 19 km	180.50 173.11	3.00	5,431 ft 5,431 m
17L	GS	IBXP	110.15 MHz	10 nm 19 km	180.53 173.14	3.00	5,431 ft 5,431 m
17R	GS	IACX	108.50 MHz	10 nm 19 km	180.53 173.14	3.00	5,431 ft 5,431 m
25	GS	IERP	111.55 MHz	10 nm 19 km	270.51 263.12	3.00	5,431 ft 5,431 m
26	GS	IJOY	108.90 MHz	10 nm	270.55	3.00	5,431 ft

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
				19 km	263.16		5,431 m
34L	GS	IDXU	111.90 MHz	10 nm	0.50	3.00	5,431 ft
				19 km	353.11		5,431 m
34R	GS	IOUF	111.10 MHz	10 nm	0.51	3.00	5,431 ft
				19 km	353.12		5,431 m
35L	GS	IAQD	108.50 MHz	10 nm	0.53	3.00	5,431 ft
				19 km	353.14		5,431 m
35R	GS	IDPP	110.15 MHz	10 nm	0.53	3.00	5,431 ft
				19 km	353.14		5,431 m