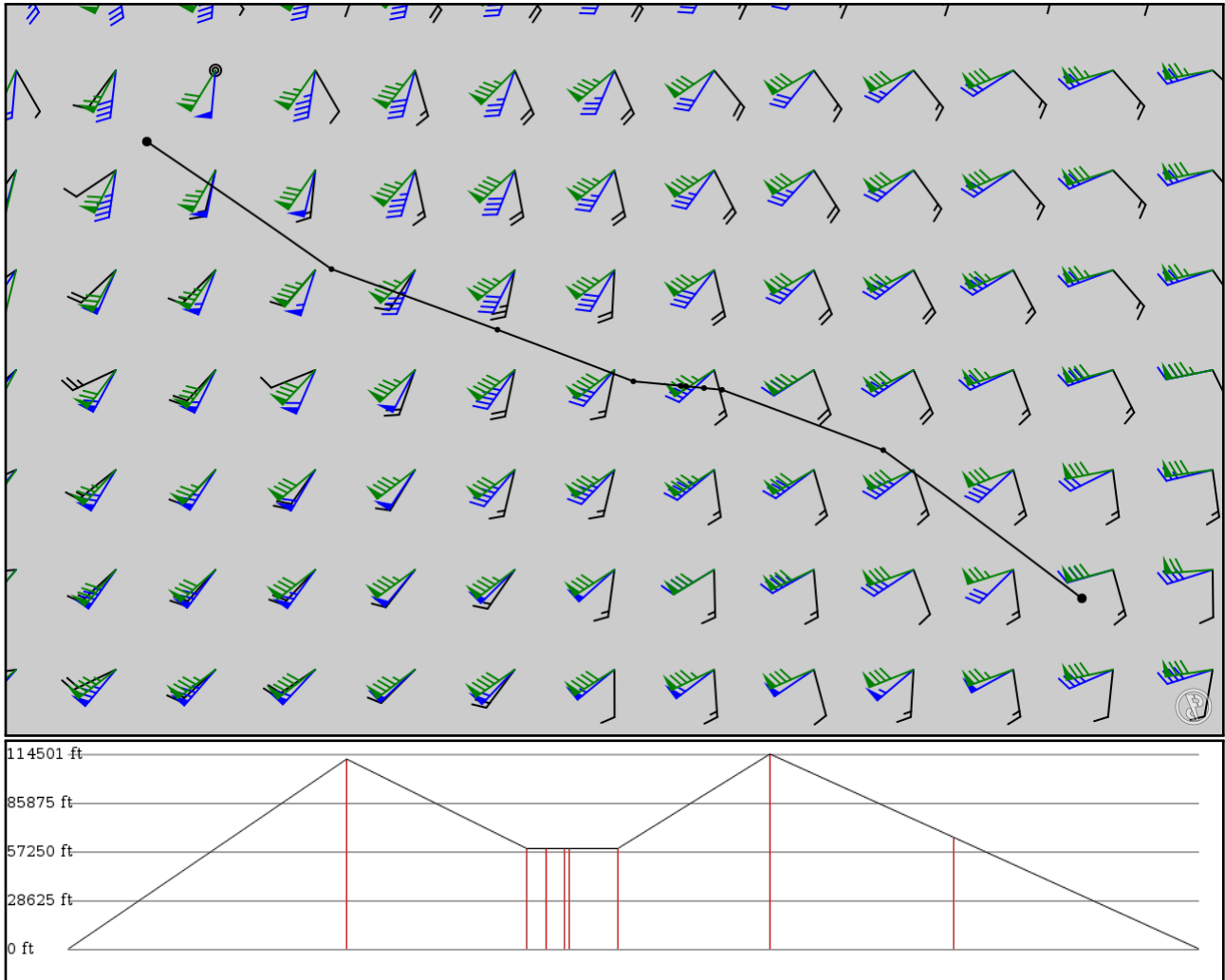


2024/05/15 0638Z

KSWO SAFER **V74** DDC **V10** GCK **J154** SELLS KDEN

429.83 nm / 796.04 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
KSWO	-	36.16122	0 ft	-	STILLWATER RGNL
APT	-	-97.08569	0 m		
SAFER	-	37.36171	34,000 ft	105	-
FIX	-	-98.69751	10,363 m		
DDC	V74	37.85056	18,000 ft	68	DODGE CITY VORTAC
DME	AWY-LO	-100.00564	5,486 m		
HEPVA	V10	37.86487	18,000 ft	6	-
FIX	AWY-LO	-100.15185	5,486 m		
POKPE	V10	37.87897	18,000 ft	6	-
FIX	AWY-LO	-100.29811	5,486 m		
KUDIC	V10	37.88264	18,000 ft	1	-
FIX	AWY-LO	-100.33996	5,486 m		
GCK	V10	37.91900	18,000 ft	18	GARDEN CITY VORTAC
DME	AWY-LO	-100.72501	5,486 m		
RYLIE	J154	38.33731	34,900 ft	57	-
FIX	AWY-HI	-101.82748	10,638 m		
SELLS	J154	38.82808	20,000 ft	69	-
FIX	AWY-HI	-103.17374	6,096 m		
KDEN	-	39.86098	0 ft	93	Denver Intl
APT	-	-104.67189	0 m		

KSWO

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

Elevation: 1,000 ft / 305 m
Location: 36.161200 -97.085700
Magnetic Var: 2.772 E

METAR

KSWO 150553Z 09003KT 10SM CLR 16/14 A2979 RMK A02 SLP079 T01560144 10261 20139 402720139 58002

TAF

TAF KSWO 150520Z 1506/1606 11007KT P6SM SCT100 BKN250 FM151300 15013G20KT P6SM SCT100 BKN250 FM151900 18013G20KT

Frequencies

REC - 135.72 MHz - ASOS
COM - 125.35 MHz - CTAF/UNICOM
TWR - 125.35 MHz -
COM - 122.70 MHz - CTAF/UNICOM
GND - 121.60 MHz -

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
17	100 ft	7,416 ft	179.50	ASPHALT	0 ft	0 ft
	30 m	2,260 m	176.72		0 m	0 m
35	100 ft	7,416 ft	359.50	ASPHALT	0 ft	0 ft
	30 m	2,260 m	356.72		0 m	0 m
13	150 ft	5,007 ft	134.79	CONCRETE	0 ft	0 ft
	46 m	1,526 m	132.02		0 m	0 m
31	150 ft	5,007 ft	314.80	CONCRETE	0 ft	0 ft
	46 m	1,526 m	312.03		0 m	0 m
04	75 ft	5,003 ft	44.37	ASPHALT	0 ft	0 ft
	23 m	1,525 m	41.60		0 m	0 m
22	75 ft	5,003 ft	224.38	ASPHALT	0 ft	0 ft
	23 m	1,525 m	221.60		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
17	DME	ISWO	109.15 MHz	18 nm	-	-	986 ft
				33 km	-		986 m
17	LOC-ILS	ISWO	109.15 MHz	18 nm	179.50	-	1,000 ft
				33 km	176.72		1,000 m
17	GS	ISWO	109.15 MHz	10 nm	179.99	3.00	984 ft
				19 km	177.22		984 m

KDEN

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

Elevation: 5,429 ft / 1,655 m
Location: 39.861000 -104.672000
Magnetic Var: 7.392 E

METAR

KDEN 150553Z 35008KT 10SM FEW085 SCT110 SCT220 10/07 A2997 RMK AO2 SLP089 T01000072 10211 20100 51014 \$

TAF

KDEN 150527Z 1506/1612 02007KT P6SM SCT100 BKN220 FM150700 36007KT P6SM FEW050 SCT080 FM150900 01006KT P6SM BKN020

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	353.11		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	173.14		0 m	126 m
35L	151 ft	12,013 ft	0.53	CONCRETE	0 ft	400 ft
	46 m	3,662 m	353.14		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