

KDEN
Denver Intl

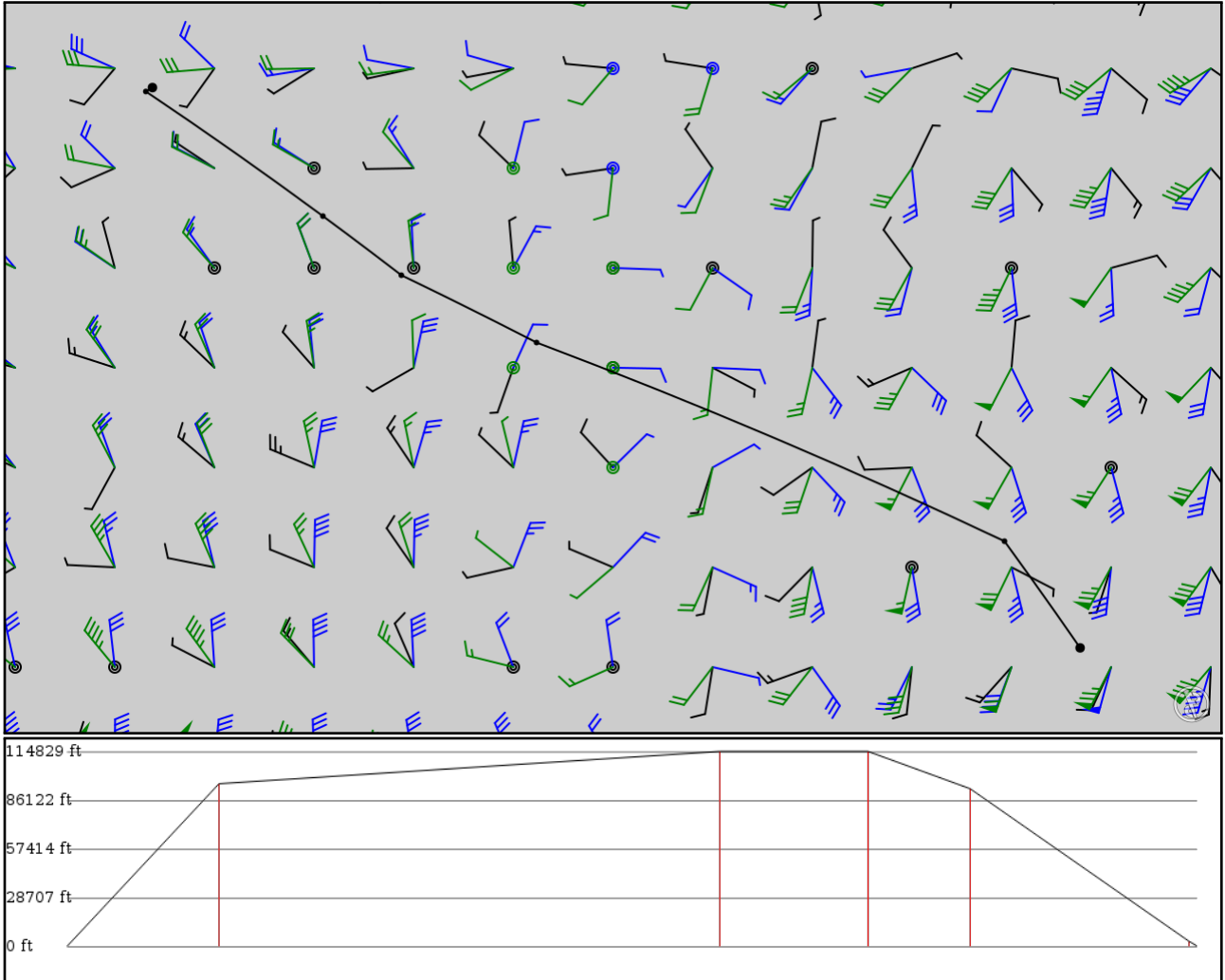
UAL470

KGEG
Spokane Intl

2024/05/20 0921Z

KDEN LAR **J175** DBS **J52** GEG KEGG

745.93 nm / 1381.47 km



Notes

Basic altitude profile:

- Ascent Rate: 2300ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- Cruise Speed: 475kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Boeing 737-900ER (United Airlines)

Options:

- Use NATs: no
- Use PACOTS: no
- Use low airways: yes
- Use high airways: yes

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KDEN	-	39.86100	0 ft	-	Denver Intl
APT	-	-104.67200	0 m		
LAR	-	41.33780	29,200 ft	100	LARAMIE
VOR	-	-105.72100	8,900 m		
DBS	J175	44.08890	35,000 ft	330	DUBOIS
VOR	AWY-HI	-112.20900	10,668 m		
LKT	J52	45.02130	35,000 ft	97	SALMON
VOR	AWY-HI	-114.08400	10,668 m		
DOXIE	J52	45.83900	28,300 ft	67	-
FIX	AWY-HI	-115.17100	8,626 m		
GEG	J52	47.56490	900 ft	144	SPOKANE
VOR	AWY-HI	-117.62700	274 m		
KGEG	-	47.61880	0 ft	4	Spokane Intl
APT	-	-117.53500	0 m		

KDEN

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

Elevation: 5,429 ft / 1,655 m
Location: 39.861000 -104.672000
Magnetic Var: 7.391 E

METAR

KDEN 200853Z 03009KT 10SM FEW180 FEW220 09/03 A2998 RMK A02 SLP085 T00940033 51013

TAF

KDEN 200901Z 2009/2112 02013KT P6SM FEW025 FEW220 FM201200 05006KT P6SM SCT025 SCT140 FM201600 10008KT P6SM FEW03

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	83.15		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

KGEG

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

Elevation: 2,384 ft / 727 m
Location: 47.618800 -117.535000
Magnetic Var: 13.715 E

METAR

KGEG 200853Z 00000KT 10SM FEW001 FEW005 FEW080 07/03 A3008 RMK A02 SLP191 T00670033 58003 \$

TAF

TAF KGEG 200520Z 2006/2106 VRB05KT P6SM BKN100 FM201700 25006KT P6SM BKN100 FM202000 26007KT P6SM BKN050 FM210000

Frequencies

REC - 124.32 MHz - SPOKANE ATIS	COM - 122.95 MHz - SPOKANE UNICOM
GND - 121.90 MHz - SPOKANE GROUND	TWR - 118.30 MHz - SPOKANE TOWER
CLD - 127.55 MHz - SPOKANE CLEARANCE DELIVERY	DEP - 123.75 MHz - SPOKANE DEPARTURE
DEP - 133.35 MHz - SPOKANE DEPARTURE	APP - 123.75 MHz - SPOKANE APPROACH
APP - 133.35 MHz - SPOKANE APPROACH	APP - 126.45 MHz - APP/DEP

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
08	150 ft	8,177 ft	90.49	ASPHALT	0 ft	0 ft
	46 m	2,492 m	76.78		0 m	0 m
26	150 ft	8,177 ft	270.52	ASPHALT	0 ft	98 ft
	46 m	2,492 m	256.80		0 m	30 m
03	150 ft	10,987 ft	45.41	ASPHALT	0 ft	397 ft
	46 m	3,349 m	31.70		0 m	121 m
21	150 ft	10,987 ft	225.44	ASPHALT	0 ft	400 ft
	46 m	3,349 m	211.72		0 m	122 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
03	DME	IOLJ	111.10 MHz	18 nm	-	-	2,322 ft
				33 km	-		2,322 m
03	LOC-ILS	IOLJ	111.10 MHz	18 nm	45.43	-	2,384 ft
				33 km	31.71		2,384 m
21	LOC-ILS	IGEG	111.10 MHz	18 nm	225.43	-	2,384 ft
				33 km	211.71		2,384 m
03	GS	IOLJ	111.10 MHz	10 nm	45.43	3.00	2,384 ft
				19 km	31.71		2,384 m
21	GS	IGEG	111.10 MHz	10 nm	225.43	3.00	2,384 ft
				19 km	211.71		2,384 m