

# KDEN

Denver Intl

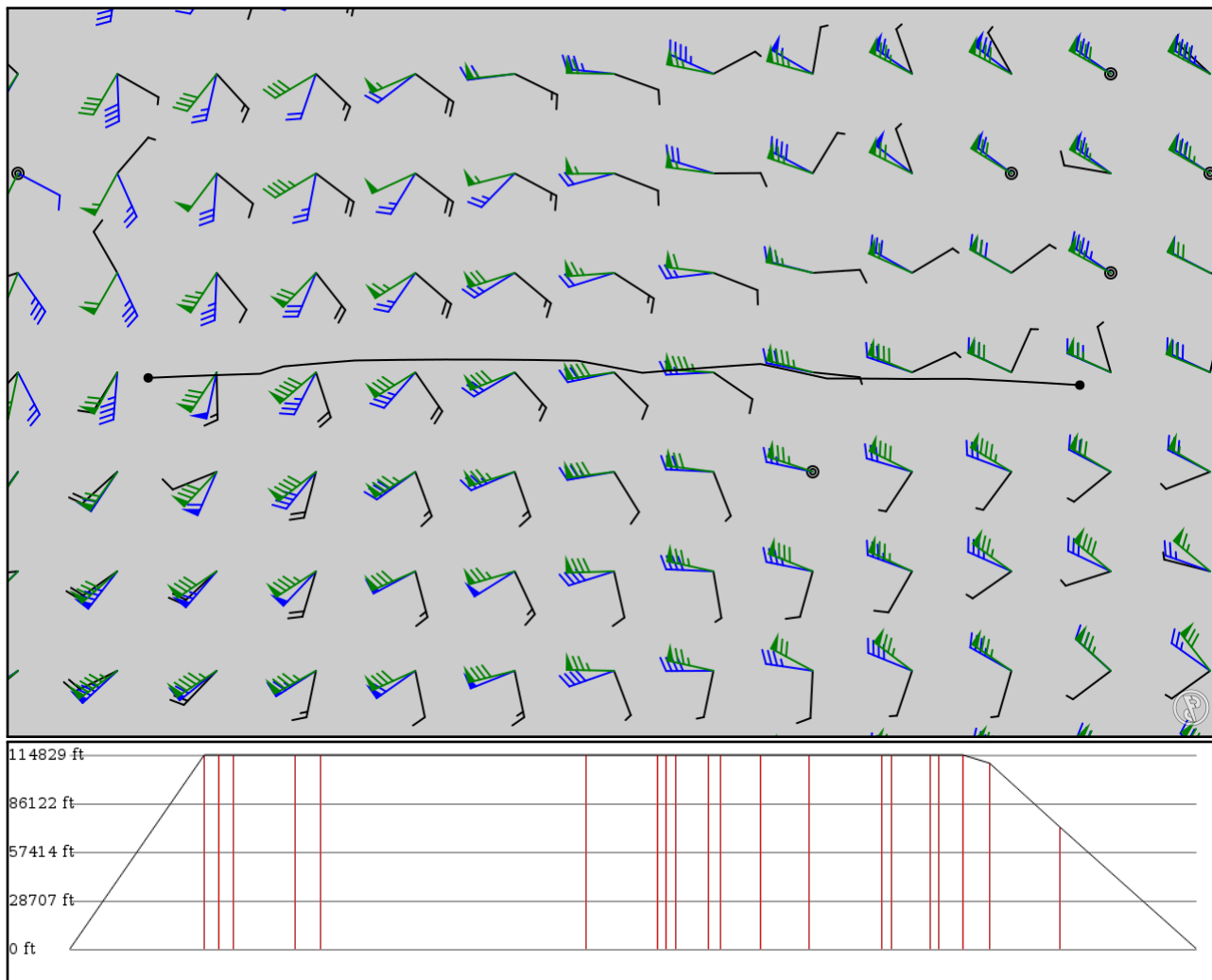
# KIND

Indianapolis International Airport

2024/06/07 1017Z

KDEN RUDVE **V148** MCJEF **V220** MCK **J130** PWE **V50** SPI **J80** GORDO KIND

852.57 nm / 1578.96 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
KDEN	-	39.86100	0 ft	-	Denver Intl
APT	-	-104.67200	0 m		
RUDVE	-	39.94230	35,000 ft	101	-
FIX	-	-102.46100	10,668 m		
WODUG	V148	40.01240	35,000 ft	10	-
FIX	AWY-LO	-102.24100	10,668 m		
MCJEF	V148	40.08660	35,000 ft	11	-
FIX	AWY-LO	-102.00600	10,668 m		
QWILT	V220	40.17240	35,000 ft	46	-
FIX	AWY-LO	-100.99400	10,668 m		
MCK	V220	40.20380	35,000 ft	18	MC COOK
VOR	AWY-LO	-100.59400	10,668 m		
PWE	J130	40.20040	35,000 ft	201	PAWNEE CITY
VOR	AWY-HI	-96.20630	10,668 m		
UBELE	V50	39.98890	35,000 ft	53	-
FIX	AWY-LO	-95.07240	10,668 m		
STJ	V50	39.96060	35,000 ft	6	SAINT JOSEPH
VOR	AWY-LO	-94.92520	10,668 m		
WITAG	V50	39.97330	35,000 ft	6	-
FIX	AWY-LO	-94.77440	10,668 m		
PATTN	V50	40.01630	35,000 ft	24	-
FIX	AWY-LO	-94.24560	10,668 m		
JAWED	V50	40.03320	35,000 ft	10	-
FIX	AWY-LO	-94.02890	10,668 m		
YIGRE	V50	40.08140	35,000 ft	29	-
FIX	AWY-LO	-93.38040	10,668 m		
IRK	V50	40.13500	35,000 ft	36	KIRKSVILLE
VOR	AWY-LO	-92.59170	10,668 m		
HEBET	V50	39.88520	35,000 ft	54	-
FIX	AWY-LO	-91.44510	10,668 m		
UIN	V50	39.84790	35,000 ft	7	QUINCY
VOR	AWY-LO	-91.27890	10,668 m		
SEXTN	V50	39.84730	35,000 ft	29	-
FIX	AWY-LO	-90.63950	10,668 m		
YALUR	V50	39.84670	35,000 ft	6	-
FIX	AWY-LO	-90.50930	10,668 m		
GINIA	V50	39.84410	35,000 ft	18	-
FIX	AWY-LO	-90.10370	10,668 m		
SPI	V50	39.83970	33,500 ft	19	SPINNER (SPRINGFIELD)
VOR	AWY-LO	-89.67770	10,211 m		
GORDO	J80	39.84180	22,000 ft	53	-
FIX	AWY-HI	-88.51200	6,706 m		
KIND	-	39.71820	0 ft	102	Indianapolis International Airport
APT	-	-86.29280	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: 7.386 E

## METAR

KDEN 070953Z 15012KT 10SM SCT200 20/09 A3000 RMK AO2 SLP065 T02000089

## TAF

KDEN 070901Z 0709/0812 19016KT P6SM SCT200 FM071200 24008KT P6SM FEW200 FM071600 32012KT P6SM FEW220 FM072000 320

## 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	173.13		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	173.16		0 m	123 m
35R	151 ft	12,013 ft	0.54	CONCRETE	0 ft	400 ft
	46 m	3,662 m	353.16		0 m	122 m
07	151 ft	12,013 ft	90.50	CONCRETE	0 ft	377 ft
	46 m	3,662 m	83.11		0 m	115 m
25	151 ft	12,013 ft	270.52	CONCRETE	0 ft	374 ft
	46 m	3,662 m	263.14		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	263.18		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

## KIND

Region: UNITED STATES  
Timezone: AMERICA/INDIANA/INDIANAPOLIS  
Runways: 3

Elevation: 793 ft / 242 m  
Location: 39.718200 -86.292800  
Magnetic Var: 5.036 W

## METAR

KIND 070954Z 28007KT 10SM CLR 16/09 A2981 RMK A02 SLP089 T01560089

## TAF

TAF KIND 070520Z 0706/0812 29007KT P6SM SKC FM071500 29012G19KT P6SM SKC FM071800 29016G25KT P6SM FEW120 FM072300

## Frequencies

REC - 124.40 MHz - ATIS	REC - 134.25 MHz - ATIS
COM - 122.95 MHz - UNICOM	CLD - 128.75 MHz - CLEARANCE DELIVERY
GND - 121.80 MHz - INDY GROUND	GND - 121.90 MHz - INDY GROUND
TWR - 120.90 MHz - INDY TOWER	TWR - 127.82 MHz - INDY TOWER
APP - 119.30 MHz - INDIANAPOLIS APPROACH	APP - 124.65 MHz - INDIANAPOLIS APPROACH
APP - 127.15 MHz - INDIANAPOLIS APPROACH	DEP - 119.05 MHz - INDIANAPOLIS DEPARTURE
DEP - 124.95 MHz - INDIANAPOLIS DEPARTURE	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05L	151 ft	11,210 ft	44.43	CONCRETE	0 ft	0 ft
	46 m	3,417 m	49.47		0 m	0 m
23R	151 ft	11,210 ft	224.45	CONCRETE	0 ft	0 ft
	46 m	3,417 m	229.49		0 m	0 m
05R	151 ft	10,009 ft	44.45	CONCRETE	0 ft	0 ft
	46 m	3,051 m	49.49		0 m	0 m
23L	151 ft	10,009 ft	224.47	CONCRETE	0 ft	0 ft
	46 m	3,051 m	229.50		0 m	0 m
14	151 ft	7,284 ft	134.65	CONCRETE	0 ft	0 ft
	46 m	2,220 m	139.69		0 m	0 m
32	151 ft	7,284 ft	314.66	CONCRETE	0 ft	0 ft
	46 m	2,220 m	319.70		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05L	DME	IIND	111.75 MHz	18 nm	-	-	1,010 ft
				33 km	-		1,010 m
05R	DME	IOQV	111.15 MHz	18 nm	-	-	797 ft
				33 km	-		797 m
23L	DME	IFVJ	111.15 MHz	18 nm	-	-	797 ft
				33 km	-		797 m
23R	DME	IUZK	111.75 MHz	18 nm	-	-	1,010 ft
				33 km	-		1,010 m
05L	LOC-ILS	IIND	111.75 MHz	18 nm	44.45	-	797 ft
				33 km	49.48		797 m
05R	LOC-ILS	IOQV	111.15 MHz	18 nm	44.46	-	797 ft
				33 km	49.49		797 m
14	LOC-ILS	IBJP	110.50 MHz	18 nm	134.67	-	797 ft
				33 km	139.71		797 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
23L	LOC-ILS	IFVJ	111.15 MHz	18 nm	224.43	-	797 ft
				33 km	229.46		797 m
23R	LOC-ILS	IUZK	111.75 MHz	18 nm	224.42	-	797 ft
				33 km	229.46		797 m
32	LOC-ILS	ICOA	110.50 MHz	18 nm	314.66	-	797 ft
				33 km	319.70		797 m
05L	GS	IIND	111.75 MHz	10 nm	44.86	3.00	741 ft
				19 km	49.90		741 m
05R	GS	IOQV	111.15 MHz	10 nm	44.88	3.00	790 ft
				19 km	49.92		790 m
14	GS	IBJP	110.50 MHz	10 nm	135.34	3.00	797 ft
				19 km	140.38		797 m
23L	GS	IFVJ	111.15 MHz	10 nm	224.88	3.00	788 ft
				19 km	229.92		788 m
23R	GS	IUZK	111.75 MHz	10 nm	224.86	3.00	777 ft
				19 km	229.90		777 m
32	GS	ICOA	110.50 MHz	10 nm	315.34	3.00	797 ft
				19 km	320.38		797 m