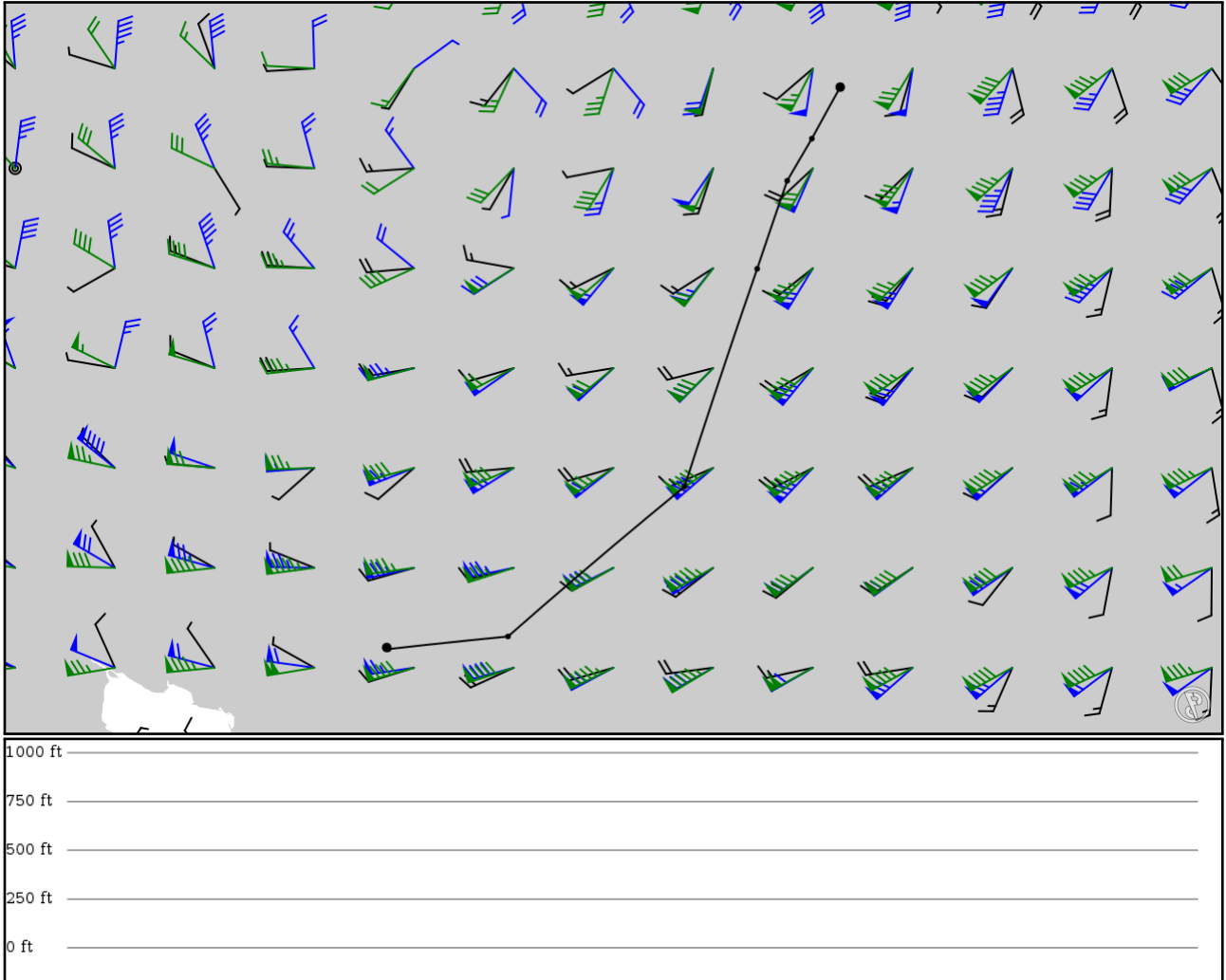


2024/05/20 0807Z

KDEN SOLAR TEHEV ALS ONM SSO TUS KTUS

608.79 nm / 1127.48 km



Notes

None

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KDEN	-	39.85841	0 ft	-	Denver Intl
APT	-	-104.66700	0 m		
SOLAR	-	39.14661	0 ft	46	-
FIX	-	-105.05910	0 m		
TEHEV	-	38.56445	0 ft	38	-
FIX	-	-105.40060	0 m		
ALS	-	37.34916	0 ft	75	ALAMOSA VORTAC
VOR	-	-105.81550	0 m		
ONM	-	34.33890	0 ft	187	SOCORRO VORTAC
VOR	-	-106.82050	0 m		
SSO	-	32.26925	0 ft	174	SAN SIMON VORTAC
VOR	-	-109.26310	0 m		
TUS	-	32.09520	0 ft	84	TUCSON VORTAC
VOR	-	-110.91490	0 m		
KTUS	-	32.11625	0 ft	1	Tucson Intl
APT	-	-110.94130	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 200653Z 14005KT 10SM FEW130 09/04 A2996 RMK AO2 SLP081 T00890039 402720083

TAF

TAF KDEN 200532Z 2006/2112 15008KT P6SM FEW120 SCT220 FM201000 02010G18KT P6SM FEW025 FEW220 FM201200 05006KT P6S

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

KTUS

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

Elevation: 2,643 ft / 806 m
Location: 32.116900 -110.942000
Magnetic Var: 9.193 E

METAR

KTUS 200653Z 12003KT 10SM CLR 24/M07 A2995 RMK A02 SLP093 T02391067 403560183

TAF

TAF KTUS 200520Z 2006/2106 27007KT P6SM FEW250 FM200700 16005KT P6SM SCT250 FM201900 28010G25KT P6SM SCT200 FM2100

Frequencies

REC - 123.80 MHz - ATIS	COM - 122.95 MHz - UNICOM
CLD - 126.65 MHz - CLNC DEL	GND - 124.40 MHz -
TWR - 119.00 MHz -	TWR - 118.30 MHz -
APP - 119.40 MHz - APP/DEP	APP - 125.10 MHz - APP/DEP

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
11L	151 ft	11,008 ft	135.17	CONCRETE	0 ft	3,104 ft
	46 m	3,355 m	125.98		0 m	946 m
29R	151 ft	11,008 ft	315.18	CONCRETE	0 ft	1,017 ft
	46 m	3,355 m	305.99		0 m	310 m
11R	75 ft	8,417 ft	135.16	ASPHALT	1,404 ft	0 ft
	23 m	2,566 m	125.97		428 m	0 m
29L	75 ft	8,417 ft	315.17	ASPHALT	0 ft	0 ft
	23 m	2,566 m	305.98		0 m	0 m
03	151 ft	7,008 ft	44.91	CONCRETE	860 ft	0 ft
	46 m	2,136 m	35.72		262 m	0 m
21	151 ft	7,008 ft	224.92	CONCRETE	0 ft	197 ft
	46 m	2,136 m	215.72		0 m	60 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
11L	DME	ITUS	111.70 MHz	25 nm	-	-	2,660 ft
				46 km	-		2,660 m
11L	LOC-ILS	ITUS	111.70 MHz	18 nm	135.18	-	2,660 ft
				33 km	125.98		2,660 m
11L	GS	ITUS	111.70 MHz	10 nm	135.33	3.00	2,600 ft
				19 km	126.14		2,600 m