

# KSDF

Louisville Muhammad Ali Intl

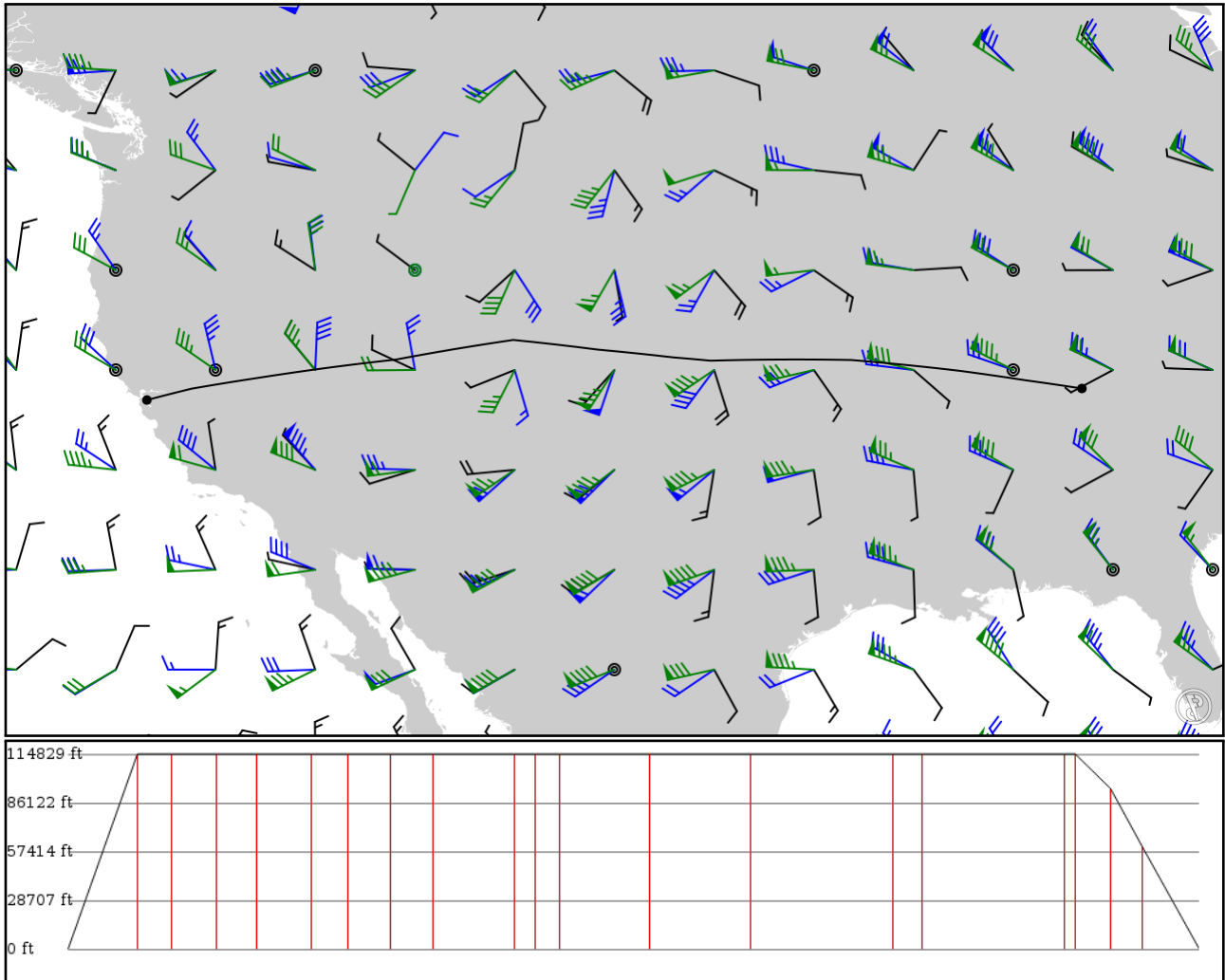
# KOAK

Metro Oakland Intl

2024/05/23 0343Z

KSDF ELIOE J8 STL J24 MCI J80 FQF J116 EKR J84 MELTS KOAK

1724.13 nm / 3193.09 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
KSDF APT	-	38.17460 -85.73560	0 ft 0 m	-	Louisville Muhammad Ali Intl
ELIOE FIX	-	38.49850 -87.95680	35,000 ft 10,668 m	106	-
BOSIE FIX	J8 AWY-HI	38.66250 -89.05060	35,000 ft 10,668 m	52	-
STL VOR	J8 AWY-HI	38.86070 -90.48240	35,000 ft 10,668 m	68	SAINT LOUIS
WELTS FIX	J24 AWY-HI	39.00640 -91.77280	35,000 ft 10,668 m	60	-
DRIVL FIX	J24 AWY-HI	39.18520 -93.57490	35,000 ft 10,668 m	84	-
MCI VOR	J24 AWY-HI	39.28530 -94.73710	35,000 ft 10,668 m	54	KANSAS CITY
CATTS FIX	J80 AWY-HI	39.30320 -96.15380	35,000 ft 10,668 m	65	-
SLOWR FIX	J80 AWY-HI	39.30410 -97.52800	35,000 ft 10,668 m	63	-
HLC VOR	J80 AWY-HI	39.25870 -100.22600	35,000 ft 10,668 m	125	HILL CITY
CUGGA FIX	J80 AWY-HI	39.31770 -100.86900	35,000 ft 10,668 m	30	-
GLD VOR	J80 AWY-HI	39.38790 -101.69200	35,000 ft 10,668 m	38	GOODLAND
FQF VOR	J80 AWY-HI	39.69010 -104.62100	35,000 ft 10,668 m	136	FALCON (DENVER)
EKR VOR	J116 AWY-HI	40.06740 -107.92500	35,000 ft 10,668 m	153	MEEKER
DTA VOR	J84 AWY-HI	39.30220 -112.50600	35,000 ft 10,668 m	216	DELTA
PAWLY FIX	J84 AWY-HI	39.19710 -113.44000	35,000 ft 10,668 m	43	-
MVA VOR	J84 AWY-HI	38.56530 -118.03300	35,000 ft 10,668 m	218	MINA
BABIT FIX	J84 AWY-HI	38.51150 -118.38500	35,000 ft 10,668 m	16	-
SONNY FIX	J84 AWY-HI	38.33570 -119.48500	28,800 ft 8,778 m	52	-
MELTS FIX	J84 AWY-HI	38.16560 -120.48900	18,400 ft 5,608 m	48	-
KOAK APT	-	37.72500 -122.22000	0 ft 0 m	86	Metro Oakland Intl

# KSDF

Region: UNITED STATES  
Timezone: AMERICA/NEW\_YORK  
Runways: 3

Elevation: 500 ft / 152 m  
Location: 38.174600 -85.735600  
Magnetic Var: 5.249 W

## METAR

KSDF 230256Z 15010KT 10SM FEW008 BKN042 BKN140 21/18 A2996 RMK A02 SLP142 60029 T02060178 51020 \$

## TAF

TAF KSDF 222333Z 2300/2406 20010KT P6SM VCTS SCT035CB BKN200 TEMPO 2300/2301 18025G40KT 2SM TSRA BR OVC025CB FM230100 15010KT 10SM FEW008 BKN042 BKN140 21/18 A2996 RMK A02 SLP142 60029 T02060178 51020 \$

## Frequencies

COM - 122.95 MHz - LOUISVILLE UNICOM	GND - 121.70 MHz - LOUISVILLE GROUND
TWR - 124.20 MHz - LOUISVILLE TOWER	APP - 132.07 MHz - LOUISVILLE APPROACH
APP - 134.15 MHz - LOUISVILLE APPROACH	DEP - 132.07 MHz - LOUISVILLE DEPARTURE
CLD - 126.10 MHz - CLEARANCE DELIVERY	REC - 118.72 MHz - D-ATIS

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
11	151 ft	7,238 ft	111.20	CONCRETE	0 ft	246 ft
	46 m	2,206 m	116.45		0 m	75 m
29	151 ft	7,238 ft	291.21	CONCRETE	0 ft	0 ft
	46 m	2,206 m	296.46		0 m	0 m
17L	150 ft	8,599 ft	164.98	CONCRETE	331 ft	518 ft
	46 m	2,621 m	170.23		101 m	158 m
35R	150 ft	8,599 ft	344.98	CONCRETE	453 ft	397 ft
	46 m	2,621 m	350.23		138 m	121 m
17R	150 ft	11,913 ft	165.46	CONCRETE	850 ft	400 ft
	46 m	3,631 m	170.71		259 m	122 m
35L	150 ft	11,913 ft	345.46	CONCRETE	1,043 ft	397 ft
	46 m	3,631 m	350.71		318 m	121 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
17L	DME	IPKI	111.95 MHz	18 nm	-	-	501 ft
				33 km	-		501 m
17R	DME	ISNU	110.30 MHz	18 nm	-	-	501 ft
				33 km	-		501 m
35L	DME	IRLI	109.35 MHz	18 nm	-	-	501 ft
				33 km	-		501 m
35R	DME	IJJM	110.55 MHz	18 nm	-	-	501 ft
				33 km	-		501 m
17L	LOC-ILS	IPKI	111.95 MHz	18 nm	164.98	-	500 ft
				33 km	170.23		500 m
17R	LOC-ILS	ISNU	110.30 MHz	18 nm	165.46	-	500 ft
				33 km	170.71		500 m
35L	LOC-ILS	IRLI	109.35 MHz	18 nm	345.46	-	500 ft
				33 km	350.71		500 m
35R	LOC-ILS	IJJM	110.55 MHz	18 nm	344.98	-	500 ft
				33 km	350.23		500 m
29	LOC-LOC	ILKS	109.10 MHz	18 nm	291.21	-	500 ft
				33 km	296.46		500 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
17L	GS	IPKI	111.95 MHz	10 nm	164.98	3.00	500 ft
				19 km	170.23		500 m
17R	GS	ISNU	110.30 MHz	10 nm	165.46	3.00	500 ft
				19 km	170.71		500 m
35L	GS	IRLI	109.35 MHz	10 nm	345.46	3.00	500 ft
				19 km	350.71		500 m
35R	GS	IJJM	110.55 MHz	10 nm	344.98	3.00	500 ft
				19 km	350.23		500 m

## KOAK

Region: UNITED STATES  
Timezone: AMERICA/LOS\_ANGELES  
Runways: 4

Elevation: 8 ft / 2 m  
Location: 37.725000 -122.220000  
Magnetic Var: 12.837 E

## METAR

KOAK 230253Z 24013KT 10SM CLR 15/09 A2991 RMK A02 SLP128 T01500094 57004

## TAF

TAF KOAK 222320Z 2300/2406 25014KT P6SM SKC FM230800 23008KT P6SM SKC FM231900 26014G21KT P6SM SKC FM240500 28006KT

## Frequencies

REC - 133.77 MHz - OAKLAND ATIS	COM - 122.95 MHz - OAKLAND UNICOM
CLD - 121.10 MHz - OAKLAND CLEARANCE DELIVERY	GND - 121.90 MHz - OAKLAND GROUND NORTH
GND - 121.75 MHz - OAKLAND GROUND SOUTH	TWR - 118.30 MHz - OAKLAND TOWER NORTH
TWR - 127.20 MHz - OAKLAND TOWER SOUTH	TWR - 124.90 MHz - OAKLAND TOWER SOUTH
APP - 125.35 MHz - NORCAL APPROACH	APP - 128.32 MHz - NORCAL APPROACH EAST
APP - 135.10 MHz - NORCAL APPROACH EAST	APP - 133.95 MHz - NORCAL APPROACH WEST
APP - 134.50 MHz - NORCAL APPROACH WEST	DEP - 120.90 MHz - NORCAL DEPARTURE NORTH WEST
DEP - 135.10 MHz - NORCAL DEPARTURE WEST	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
12	150 ft	10,530 ft	130.11	ASPHALT	0 ft	397 ft
	46 m	3,210 m	117.27		0 m	121 m
30	150 ft	10,530 ft	310.13	ASPHALT	128 ft	397 ft
	46 m	3,210 m	297.29		39 m	121 m
10R	150 ft	6,219 ft	112.25	ASPHALT	0 ft	774 ft
	46 m	1,896 m	99.42		0 m	236 m
28L	150 ft	6,219 ft	292.27	ASPHALT	0 ft	390 ft
	46 m	1,896 m	279.43		0 m	119 m
10L	150 ft	5,463 ft	112.24	ASPHALT	0 ft	390 ft
	46 m	1,665 m	99.40		0 m	119 m
28R	150 ft	5,463 ft	292.25	ASPHALT	0 ft	259 ft
	46 m	1,665 m	279.42		0 m	79 m
15	75 ft	3,379 ft	164.48	ASPHALT	0 ft	0 ft
	23 m	1,030 m	151.64		0 m	0 m
33	75 ft	3,379 ft	344.48	ASPHALT	0 ft	0 ft
	23 m	1,030 m	331.64		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12	LOC-ILS	IAAZ	111.90 MHz	18 nm	130.11	-	8 ft
				33 km	117.27		8 m
28R	LOC-ILS	IOAK	109.90 MHz	18 nm	292.25	-	8 ft
				33 km	279.41		8 m
30	LOC-ILS	IINB	108.70 MHz	18 nm	310.11	-	8 ft
				33 km	297.27		8 m
12	GS	IAAZ	111.90 MHz	10 nm	130.11	2.75	8 ft
				19 km	117.27		8 m
28R	GS	IOAK	109.90 MHz	10 nm	292.25	3.00	8 ft
				19 km	279.41		8 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
30	GS	IINB	108.70 MHz	10 nm	310.11	3.00	8 ft
				19 km	297.27		8 m