

KOAK - Oakland - Metropolitan Oakland Intl

Airport details

State	California
Country	United States of America
Region	K2
Elevation	4ft (1m)
Timezone	GMT -8
Coordinates	37.72126, -122.22115
Type	land
ICAO code	KOAK
IATA code	OAK
FAA code	OAK

Runway info

Runway 12 / 30	
length	3209m (10528ft)
bearing	124° / 304°
width	46m (151ft)
surface	asphalt
displacement threshold	0m (0ft) / 35m (115ft)
blast zone	122m (400ft) / 122m (400ft)
Runway 10R / 28L	
length	1891m (6204ft)
bearing	108° / 288°
width	46m (151ft)
surface	asphalt
blast zone	236m (774ft) / 90m (295ft)
Runway 10L / 28R	
length	1660m (5446ft)
bearing	108° / 288°
width	46m (151ft)
surface	asphalt
blast zone	120m (394ft) / 81m (266ft)
Runway 15 / 33	
length	1030m (3379ft)
bearing	161° / 341°
width	23m (75ft)
surface	asphalt
blast zone	0m (0ft) / 15m (49ft)

Communication

Metropolitan Oakland Intl KOAK ATIS 133.775
Metropolitan Oakland Intl KOAK ATIS 133.775

Metropolitan Oakland Intl KOAK ATIS	133.775
Metropolitan Oakland Intl KOAK ATIS	133.775
Metropolitan Oakland Intl METRO	122.950
OAKLAND INTL UNIC	
Metropolitan Oakland Intl METRO	122.950
OAKLAND INTL UNIC	
Metropolitan Oakland Intl METRO	122.950
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Metropolitan Oakland Intl METRO	122.950
OAKLAND INTL UNIC	
Metropolitan Oakland Intl OAKLAND	121.100
CLD	
Metropolitan Oakland Intl OAKLAND	121.100
CLD	
Metropolitan Oakland Intl OAKLAND	121.100
CLD	
Metropolitan Oakland Intl OAKLAND	121.100
CLD	
Metropolitan Oakland Intl OAKLAND	121.900
GND NORTH	
Metropolitan Oakland Intl OAKLAND	121.750
GND SOUTH	
Metropolitan Oakland Intl OAKLAND	121.750
GND SOUTH	
Metropolitan Oakland Intl OAKLAND	121.750
GND SOUTH	
Metropolitan Oakland Intl OAKLAND	121.750
GND SOUTH	
Metropolitan Oakland Intl OAKLAND	121.900
GND NORTH	
Metropolitan Oakland Intl OAKLAND	121.900
GND NORTH	
Metropolitan Oakland Intl OAKLAND	121.900
GND NORTH	
Metropolitan Oakland Intl OAKLAND	127.200
TWR SOUTH	
Metropolitan Oakland Intl OAKLAND	118.300
TWR NORTH	
Metropolitan Oakland Intl OAKLAND	118.300
TWR NORTH	
Metropolitan Oakland Intl OAKLAND	127.200
TWR SOUTH	
Metropolitan Oakland Intl OAKLAND	118.300
TWR NORTH	
Metropolitan Oakland Intl OAKLAND	127.200
TWR SOUTH	
Metropolitan Oakland Intl OAKLAND	127.200
TWR SOUTH	
Metropolitan Oakland Intl OAKLAND	118.300
TWR NORTH	
Metropolitan Oakland Intl APPCH W	135.100
Metropolitan Oakland Intl APPCH	133.950

Metropolitan Oakland Intl APPCH E	124.800
Metropolitan Oakland Intl APPCH	125.350
Metropolitan Oakland Intl APPCH	120.900
Metropolitan Oakland Intl APPCH	124.525
Metropolitan Oakland Intl APPCH	128.575
Metropolitan Oakland Intl APPCH	134.500
Metropolitan Oakland Intl APPCH S	135.650
Metropolitan Oakland Intl APPCH	128.325
Metropolitan Oakland Intl APPCH	125.350
Metropolitan Oakland Intl APPCH E	124.800
Metropolitan Oakland Intl APPCH	133.950
Metropolitan Oakland Intl APPCH W	135.100
Metropolitan Oakland Intl APPCH	134.500
Metropolitan Oakland Intl APPCH S	135.650
Metropolitan Oakland Intl APPCH	128.575
Metropolitan Oakland Intl APPCH	124.525
Metropolitan Oakland Intl APPCH	128.325
Metropolitan Oakland Intl APPCH	120.900
Metropolitan Oakland Intl APPCH S	135.650
Metropolitan Oakland Intl APPCH W	135.100
Metropolitan Oakland Intl APPCH S	135.650
Metropolitan Oakland Intl APPCH	133.950
Metropolitan Oakland Intl APPCH E	124.800
Metropolitan Oakland Intl APPCH	125.350
Metropolitan Oakland Intl APPCH	128.325
Metropolitan Oakland Intl APPCH	120.900
Metropolitan Oakland Intl APPCH	124.525
Metropolitan Oakland Intl APPCH	128.575
Metropolitan Oakland Intl APPCH	133.950
Metropolitan Oakland Intl APPCH E	124.800
Metropolitan Oakland Intl APPCH W	135.100
Metropolitan Oakland Intl APPCH	125.350
Metropolitan Oakland Intl APPCH	134.500
Metropolitan Oakland Intl APPCH	128.575
Metropolitan Oakland Intl APPCH	124.525
Metropolitan Oakland Intl APPCH	120.900
Metropolitan Oakland Intl APPCH	128.325
Metropolitan Oakland Intl APPCH	134.500
Metropolitan Oakland Intl DEP NW	120.900
Metropolitan Oakland Intl DEP W	135.100
Metropolitan Oakland Intl DEP E	135.400
Metropolitan Oakland Intl DEP NW	120.900
Metropolitan Oakland Intl DEP N	127.000
Metropolitan Oakland Intl DEP E	135.400
Metropolitan Oakland Intl DEP W	135.100
Metropolitan Oakland Intl DEP NW	120.900
Metropolitan Oakland Intl DEP NW	120.900
Metropolitan Oakland Intl DEP W	135.100

Metropolitan Oakland Intl DEP E	135.400
Metropolitan Oakland Intl DEP N	127.000
Metropolitan Oakland Intl DEP N	127.000
Metropolitan Oakland Intl DEP E	135.400
Metropolitan Oakland Intl DEP W	135.100
Metropolitan Oakland Intl DEP N	127.000

Approach frequencies

ILS-cat-III	30	108.7	18.00mi
ILS-cat-I	12	111.9	18.00mi
ILS-cat-I	28R	109.9	18.00mi
3° GS	30	108.7	18.00mi
3° GS	28R	109.9	18.00mi
2.7° GS	12	111.9	18.00mi

Nearby beacons

code	identifier	dist	bearing	frequency
OAK	OAKLAND VOR/DME	0.3	332.4°	116.80
SFO	SAN FRANCISCO VOR/DME	9.4	236.3°	115.80
SAU	SAUSALITO VOR/DME	16.4	293.9°	116.20
NUQ	MOFFETT (MOUNTAIN VIEW) TACAN	19	150.4°	117.60
OSI	WOODSIDE VOR/DME	19.9	190.3°	113.90
CCR	CONCORD VOR/DME	21.1	28.5°	117
SJC	SAN JOSE VOR/DME	24.6	141.4°	114.10
LV	REIGA (LIVERMORE) NDB	25.5	93°	374
SGD	SCAGGS ISLAND (NAPA) VORTAC	28.4	341.6°	112.10
SUU	TRAVIS (FAIRFIELD) TACAN	34	27.7°	116.60
PYE	POINT REYES VOR/DME	37.4	299°	113.70
SAC	SACRAMENTO VORTAC	53.7	42.8°	115.20
STS	ROSA DME	54.8	323.1°	116.15
MCC	MC CLELLAN (SACRAMENTO) VOR/DME	68.6	40.8°	109.20

Departure and arrival routes

Transition altitude	18000ft
Transition level	18000ft

SID end points	distance	outbound direction
RW10 (ALL)		
SKYL1	91.6	125°
KATFH3	95.2	138°
RW12		
SKYL1	91.6	125°
KATFH3	95.2	138°
RW28 (ALL)		

RW30	SALAD5	23.1	79°
	SKYL1	91.6	125°
	SUNNE1	19.6	144°
	NUEVO8	70.0	150°
	CNDEL5	143.6	152°
	HUSSH2	63.2	68°
	SKYL1	91.6	125°
	SUNNE1	19.6	144°
	NUEVO8	70.0	150°
	CNDEL5	143.6	152°

STAR starting points		distance	inbound direction
ALL			
	PIRAT2	41.3	54°
	SHARR1	45.1	265°
	PXN6	91.6	305°
RW12			
	AANET1	58.9	165°
	BANND2	55.1	268°
	SKIZM2	58.0	301°
RW28 (ALL)			
	OAKES2	55.1	268°
	EMZOH3	24.0	293°
RW30			
	OAKES2	55.1	268°
	EMZOH3	24.0	293°

Holding patterns

STAR name	hold at	type	turn	heading*	altitude	leg	speed limit
AANET1	RAIDR	VHF	right	351 (171)°		DME 10.0mi	ICAO rules
EMZOH3	MYJAW	VHF	right	124 (304)°		DME 11.0mi	ICAO rules
PIRAT2	HUNTS	0		180 (0)°		DME timed	ICAO rules
PIRAT2	PASIF	VHF	left	239 (59)°		DME 10.0mi	ICAO rules
PIRAT2	PIRAT	VHF	left	239 (59)°		DME 10.0mi	ICAO rules
PIRAT2	SUPER	VHF	left	274 (94)°		DME 11.0mi	ICAO rules
SHARR1	LOCKE	VHF	right	52 (232)°		DME 7.0mi	ICAO rules
SHARR1	WRAPS	VHF	right	72 (252)°		DME 11.0mi	ICAO rules
SKIZM2	MYJAW	VHF	right	124 (304)°		DME 11.0mi	ICAO rules
WNDSR2	WEBRR	VHF	right	339 (159)°		DME 10.0mi	ICAO rules

*) magnetic outbound (inbound) holding course

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