

<b>US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION</b>				<b>RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33</b>				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.							
TERMINAL ROUTES										MISSED APPROACH					
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW30  CLIMB TO 4000 DIRECT NEKIE AND ON TRACK 286.59 TO SAU VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.  ADDITIONAL FLIGHT DATA: HOLD NE, RT, 217.21 INBOUND. FAS OBST: 244 AAO 373827N/1220606W DISTANCE TO THLD FROM 250 HATH: 0.60 NM. CHART VDP AT 1.55 MILES TO RW30* *LNAV ONLY. WAAS CHANNEL # 93535 REFERENCE PATH ID: W30A CHART CIRCLING ICON LTP HAE: -29.8 M					
MISON (IAF)		JENFR (FB)		289.81 / 5.12				4300							
JENFR (IF)		MITOE (FB)		296.15 / 7.39				2500							
MITOE (FAF)		RW30 (MAP) (FO)		296.08 / 7.63											
RW30 (MAP)		259 MSL		296.08											
259 MSL		NEKIE (FB)													
NEKIE		SAU VORTAC (FO)		286.59 / 14.36				4000							
1. SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF) 2. PROFILE STARTS AT JENFR 3. FAC: 296.08 FAF: MITOE DIST FAF TO MAP: 7.63 THLD: 7.63 4. MIN. ALT: JENFR 4300, MITOE 2500 5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT: 6. MIN GS INCPT: 2500 GS ALT AT: MITOE 2500 OM: MM: IM: 7. GS ANGLE: 3.00 TCH: 60.0 34:1 IS NOT CLEAR 8. MSA FROM: RW30 5100										MAG VAR: 14E		EPOCH YEAR: 2015			
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A		STANDARD @						
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	259	4000	250	259	4000	250	259	4000	250	259	4000	250			
LNAV/VNAV DA	325	5000	316	325	5000	316	325	5000	316	325	5000	316			
LNAV MDA	580	5500	571	580	5500	571	580	1 5/8	571	580	1 5/8	571			
CIRCLING	580	1	571	580	1	571	660	1 3/4	651	1400	3	1391			
NOTES: CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY. @ CAT D 1400-3 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 1C (34F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MISON ON V107 SOUTHEAST BOUND. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 9 THRE: 9		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
OAKLAND, CA		AIRPORT NAME:				RNAV (GPS) Y RWY 30, AMDT 3				AMDT: 2					
		METROPOLITAN OAKLAND INTL				3 APRIL 2014				DATED 10/17/2013					

QUALITY  
9  
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
**RNAV - STANDARD**  
**INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33**

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NOTES, (CONT.):

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

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CITY AND STATE

OAKLAND, CA

ELEVATION: 9

THRE: 9

AIRPORT NAME:

METROPOLITAN OAKLAND INTL

FACILITY  
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Y RWY 30, AMDT 3

3 APRIL 2014

SUP:

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2

DATED:

10/17/2013

RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KOAK
RUNWAY	RW30
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30A
LTP/FTP LATITUDE	374220.7490N
LTP/FTP LONGITUDE	1221314.3850W
LTP/FTP ELLIPSOIDAL HEIGHT	-00298
FPAP LATITUDE	374318.0900N
FPAP LONGITUDE	1221440.4000W
THRESHOLD CROSSING HEIGHT (TCH)	00060.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0280
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

0BBC7F09

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+00027
FPAP ORTHOMETRIC HEIGHT	+00027

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CITY AND STATE OAKLAND, CA	ELEVATION: 9 THRE: 9 AIRPORT NAME: METROPOLITAN OAKLAND INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 30, AMDT 3 3 APRIL 2014	SUP:
				AMDT: 2
				DATED: 10/17/2013

## **RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**

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ARINC PACKET - 424-18 - RNAV (GPS)

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CITY AND STATE  
OAKLAND, CA

ELEVATION: 9                      THRE: 9  
AIRPORT NAME:  
**METROPOLITAN OAKLAND INTL**

FACILITY  
IDENTIFIER:  
  
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:  
RNAV (GPS) Y RWY 30, AMDT 3  
3 APRIL 2014

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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
FLIGHT STANDARDS SERVICES - FAR PART 97.33

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MSA 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012  
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SUSAP KOAKK2SRW30 K2PG 0 18018005125 M

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CITY AND STATE OAKLAND, CA	ELEVATION: 9 AIRPORT NAME: METROPOLITAN OAKLAND INTL	THRE: 9  FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) Y RWY 30, AMDT 3 3 APRIL 2014	SUP:
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**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	MISON	MISON	010	IAP	IF		FB					
	MISON	JENFR	020		TF		FB	1.0	289.8 (303.8T)	005.1	AA 04300	
		JENFR	010	FACF	IF		FB				AA 04300	
		MITOE	020	FAF	TF		FB	0.5	296.2 (310.2T)	007.4	AA 02500	
		RW30	030	MAP	TF		FO	0.3	296.1 (310.1T)	007.6	AT 00069	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		296.1 (310.1T)		AA 00259	
	NEKIE	050		DF		FB					
	SAU	060		TF		FO	1.0	286.6 (300.6T)		AA 04000	
	SAU	070		HM	R	FO		217.2 (231.2T)	004.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	SAU	N375119.20	W1223121.91	N3751.320	W12231.365
	JENFR	N373239.67	W1215846.16	N3732.661	W12158.769
	MISON	N372948.54	W1215325.06	N3729.809	W12153.418
	MITOE	N373725.68	W1220552.77	N3737.428	W12205.880
	NEKIE	N374401.17	W1221545.08	N3744.020	W12215.751
	RW30	N374220.75	W1221314.39	N3742.346	W12213.240

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW30	00009	60

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	AIRPORT NAME: METROPOLITAN OAKLAND INTL		RNAV	RNAV (GPS) Y RWY 30, AMDT 3 3 APRIL 2014	AMDT: 2
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