

**RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

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TERMINAL ROUTES

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: CAXIN
MICRA (IAF)	COMMO (FB)	110.67 / 8.75	4000	CLIMBING LEFT TURN TO 5200 DIRECT HAYZE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5200.
COMMO	DATTS (FB)	110.76 / 4.56	3000	
DATTS (IF)	ENCOL (FB)	110.81 / 5.00	1800	ADDITIONAL FLIGHT DATA: HOLD E, RT, 275.00 INBOUND. CHART FAS OBST: 143 TOWER 374334N/1221348W CHART: 380 CRANE 374746N/1221856W CHART VDP AT 0.83 MILES TO CAXIN. CHART MANDATORY 1800 AT ENCOL. CHART CIRCLING ICON. CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 13.17 DEGREES. ENCOL TO RWY10R: 2.82/50. FAC CROSSES RWY C/L EXTENDED 3032 FROM THLD.
ENCOL (FAF)	ALOIN/2.71 NM TO CAXIN (FB)	111.26 / 2.62		
ALOIN/2.71 NM TO CAXIN	CAXIN (MAP) (FO)	111.26 / 2.71		
CAXIN (MAP)	409 MSL	111.26		
409 MSL	HAYZE (FO)		5200	

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT COMMO
3. FAC: 111.26 FAF: ENCOL DIST FAF TO MAP: 5.33 THLD: 5.81
4. MIN. ALT: COMMO 4000, DATTS 3000, ENCOL 1800, ALOIN/2.71 NM TO CAXIN 1000
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: GS ALT AT: OM: MM: IM:
7. GS ANGLE: TCH: 34:1 IS NOT CLEAR
8. MSA FROM: CAXIN 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
LNAV MDA	480	1	471	480	1	471	480	1 3/8	471	480	1 3/8	471			
CIRCLING	560	1	551	560	1	551	660	1 3/4	651	1380	3	1371			

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MICRA ON V107-301 WESTBOUND.

@ CAT D 1400-3



CITY AND STATE OAKLAND, CA	ELEVATION: 9 TDZE: 9	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 10R, AMDT 2 18 SEPTEMBER 2014	SUP:
	AIRPORT NAME: METROPOLITAN OAKLAND INTL			AMDT: 1A
				DATED 02/06/2014

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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ARINC PACKET - 424-18 - RNAV (GPS)

WP	1	2	3	4	5	6	7	8	9	0	1	2	3			

SUSAEAENRT	ALOIN K20	W	N37452879W122165564						E0138	WGE	ALOIN					
SUSAEAENRT	CAXIN K20	W	N37435459W122140811						E0138	NAR	CAXIN					
SUSAEAENRT	COMMO K20	C	L	N37522719W122293135						E0139	NAR	COMMO				
SUSAEAENRT	DATTS K20	C	N37495108W122244793						E0138	NAR	DATTS					
SUSAEAENRT	ENCOL K20	C	N37465952W122193721						E0138	NAR	ENCOL					
SUSAEAENRT	HAYZE K20	C	N37402796W122024572						E0138	NAR	HAYZE					
SUSAEAENRT	MICRA K20	C	L	N37572649W122383672						E0139	NAR	MICRA				

AIRPORT	1	2	3	4	5	6	7	8	9	0	1	2	3	

SUSAP	KOAKK2AOK	0	062YHN37431686W122131625E014000009					1800018000C	MNAR	METROPOLITAN OAKLAND INTL				

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3

SUSAP	KOAKK2FR10R	AMICRA	010MICRAK2EA0E	A	IF			18000				B	JS
SUSAP	KOAKK2FR10R	AMICRA	020COMMOK2EA0E		010TF	11070088	+ 04000					B	JS
SUSAP	KOAKK2FR10R	AMICRA	030DATTSK2EA0EE	B	010TF	11080046	+ 03000					B	JS
SUSAP	KOAKK2FR10R	R	010DATTSK2EA0E	I	IF	18000	+ 03000	18000				B	JS
SUSAP	KOAKK2FR10R	R	020ENCOLK2EA1E	F	051TF	11080050	01800				CAXIN K2EAB	B	JS
SUSAP	KOAKK2FR10R	R	020ENCOLK2EA2WN									JS	
SUSAP	KOAKK2FR10R	R	021ALOINK2EA0E	S	031TF	11130026	V 0100001016	-282				B	JS
SUSAP	KOAKK2FR10R	R	030CAXINK2EA0EY	M	031TF	11130027	00203	-282				B	JS
SUSAP	KOAKK2FR10R	R	040		0 M CA	1113	+ 00409					B	JS
SUSAP	KOAKK2FR10R	R	050HAYZEK2EA0EY	L	DF		+ 05200					B	JS
SUSAP	KOAKK2FR10R	R	060HAYZEK2EA0EE	R	HM	27500050	+ 05200					B	JS

RUNWAY	1	2	3	4	5	6	7	8	9	0	1	2	3

SUSAP	KOAKK2GRW10R	0062130982	N37434335W122133325+0000										

MSA	1	2	3	4	5	6	7	8	9	0	1	2	3

SUSAP	KOAKK2SCAXINK2EA	0	18018005125										M



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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
	MICRA	MICRA	010	IAF	IF		FB					
	MICRA	COMMO	020		TF		FB	1.0	110.7 (124.7T)	008.8	AA 04000	
	MICRA	DATTS	030		TF		FB	1.0	110.8 (124.8T)	004.6	AA 03000	
		DATTS	010	FACF	IF		FB				AA 03000	
		ENCOL	020	FAF	TF		FB	0.5	110.8 (124.8T)	005.0	AT 01800	
		ALOIN	021	SDF	TF		FB	0.3	111.3 (125.3T)	002.6	AA 01000	GS 01016
		CAXIN	030	MAP	TF		FO	0.3	111.3 (125.3T)	002.7	AT 00203	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		111.3 (125.3T)		AA 00409	
	HAYZE	050		DF	L	FO				AA 05200	
	HAYZE	060		HM	R	FO		275.0 (289.0T)	005.0	AA 05200	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ALOIN	N374528.79	W1221655.64	N3745.480	W12216.927
	CAXIN	N374354.59	W1221408.11	N3743.910	W12214.135
	COMMO	N375227.19	W1222931.35	N3752.453	W12229.523
	DATTS	N374951.08	W1222447.93	N3749.851	W12224.799
	ENCOL	N374659.52	W1221937.21	N3746.992	W12219.620
	HAYZE	N374027.96	W1220245.72	N3740.466	W12202.762
	MICRA	N375726.49	W1223836.72	N3757.442	W12238.612
	RW10R	N374343.35	W1221333.25	N3743.723	W12213.554

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW10R	00008	50



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