

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33						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		LNAV: JEPAG						
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								
ENCOL (FAF)		AKEVE/2.71 NM TO JEPAG (FB)		109.27 / 2.70											
AKEVE/2.71 NM TO JEPAG		JEPAG (MAP) (FO)		109.27 / 2.71					ADDITIONAL FLIGHT DATA: HOLD E, RT, 275.00 INBOUND. CHART FAS OBST: 143 TOWER 374334N/1221348W CHART: 380 CRANE 374746N/1221856W CHART VDP AT 0.90 MILES TO JEPAG. CHART MANDATORY 1800 AT ENCOL. ENCOL TO RW10L: 2.79/49. CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 11.16 DEGREES CHART CIRCLING ICON FAC CROSSES RWY C/L EXTENDED 3044 FROM THLD.						
JEPAG (MAP)		409 MSL		109.27											
409 MSL		HAYZE (FO)					5200								
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT DATTS 3. FAC: <u>109.27</u> FAF: ENCOL DIST FAF TO MAP: <u>5.41</u> THLD: <u>5.90</u> 4. MIN. ALT: DATTS 3000, ENCOL 1800, AKEVE/2.71 NM TO JEPAG 1000 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u> </u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u> </u> TCH: 34:1 IS NOT CLEAR 8. MSA FROM: JEPAG 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	500	1	494	500	1	494	500	1 3/8	494	500	1 3/8	494			
CIRCLING	560	1	551	560	1	551	660	1 3/4	651	1380	3	1371			
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. @ CAT D 1400-3 CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MICRA ON V107-301 WESTBOUND.															
CITY AND STATE		ELEVATION: 9		TDZE: 6		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
OAKLAND, CA		AIRPORT NAME:		METROPOLITAN OAKLAND INTL		RNAV		RNAV (GPS) RWY 10L, AMDT 2 18 SEPTEMBER 2014				AMDT: 1			
												DATED 10/17/2013			

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[illegible][illegible][illegible][illegible]


	1			2			3			4			5			6			7			8			9			0			1			2			3			
MSA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35					

SUP:	CHECKED
AMDT:	1
DATED:	10/17/2013

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QUALITY
4
CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION								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.				
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE												
FLIGHT STANDARDS SERVICES - FAR PART 97.33												
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	
		AKEVE	021	SDF	TF		FB	0.3	109.3 (123.3T)	002.7	AA 01000	GS 01000
		JEPAG	030	MAP	TF		FO	0.3	109.3 (123.3T)	002.7	AT 00200	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
			040		CA		FB		109.3 (123.3T)		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	
		AKEVE			N374530.35		W1221646.08		N3745.506		W12216.768	
		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	
		JEPAG			N374401.01		W1221354.88		N3744.017		W12213.915	
		MICRA			N375726.49		W1223836.72		N3757.442		W12238.612	
		RW10L			N374349.69		W1221319.85		N3743.828		W12213.331	
RUNWAY DATA				THRESHOLD								
		RWY		ELEVATION		TCH						
		RW10L	00006			49						



CITY AND STATE OAKLAND, CA	ELEVATION: 9	TDZE: 6	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: METROPOLITAN OAKLAND INTL		RNAV	RNAV (GPS) RWY 10L, AMDT 2	AMDT: 1
				18 SEPTEMBER 2014	DATED: 10/17/2013