

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION							RNAV (RNP) - 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		RNP: DA									
FRNNY (IAF)			WUVON (TF) (FB) (RNP 1.00)			296.11 / 5.11			2700		CLIMB TO 4000 ON TRACK 296.01 TO PLAZA AND ON TRACK 282.06 TO SAU VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.									
ALLXX (IF)			CRSEN (TF) (FB) (RNP 1.00)			113.72 / 3.38			5000											
CRSEN			HEPMO (RF) (FB) (RNP 1.00)			(2.72 NM RADIUS CW (CFFPC))/6.96			3100											
PARBB (IF)			HEPMO (TF) (FB) (RNP 1.00)			260.42 / 4.90			3100											
HEPMO			MITOE (RF) (FB) (RNP 1.00)			(5.82 NM RADIUS CW (CFFPB))/3.63			2000		ADDITIONAL FLIGHT DATA: HOLD NE, RT, 217.21 INBOUND. DISTANCE TO THLD FROM 258 HAT: 0.64 NM. ROUTE TYPE: A, H ROUTE TYPE QUALIFIER 1: F ROUTE TYPE QUALIFIER 2: S #TCH 64.0 MSL (DO NOT CHART) CHART MINIMUM 4100 AT FRNNY. CHART MANDATORY 5000 AT ALLXX. CHART MANDATORY 4500 AT PARBB.									
(SEE FORM 8260-10)																				
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)														MAG VAR: 14E EPOCH YEAR: 2015						
2. PROFILE STARTS AT MITOE																				
3. FAC: 296.07 FAF: _____ DIST FAF TO MAP: _____ THLD: _____																				
4. MIN. ALT: MITOE 2000																				
5. DIST TO THLD FROM OM: 6.08 MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																				
6. MIN GS INCPT: 2000 GS ALT AT: MITOE 2000 OM: _____ MM: _____ IM: _____																				
7. GS ANGLE: 3.00 TCH: 55.0 # 34:1 IS CLEAR																				
8. MSA FROM: RW30 5100																				
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					
AUTHORIZATION REQUIRED																				
RNP 0.11 DA	267	2400	258	267	2400	258	267	2400	258	267	2400	258								
RNP 0.30 DA	317	2400	308	317	2400	308	317	2400	308	317	2400	308								
NOTES: CHART NOTE: GPS REQUIRED. CHART IN PLANVIEW NOTE AT ALLXX: MAX 210 KIAS UNTIL MITOE. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS. (CONTINUED ON PAGE 2)																				
CITY AND STATE OAKLAND, CA		ELEVATION: 9 TDZE: 9 AIRPORT NAME: METROPOLITAN OAKLAND INTL			FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (RNP) Z RWY 30, AMDT 3B 8 DECEMBER 2016					SUP: AMDT: 3A DATED 09/15/2016								



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

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**TERMINAL ROUTES, (CONT.):**

<u>FROM</u>	<u>TO</u>	<u>COURSE AND DISTANCE</u>	<u>ALTITUDE</u>
WUVON (IF)	MITOE (TF) (FB) (RNP 1.00)	296.09 / 2.21	2000
MITOE (FAF)	RW30 (MAP) (TF) (FO)	296.07 / 6.08	
RW30 (MAP)	PLAZA (TF) (FB) (RNP 1.00)	296.01 / 7.66	
PLAZA	SAU VOR/DME (TF) (FO) (RNP 1.00)	282.06 / 9.78	4000

**NOTES, (CONT.):**

**CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 1C (34F) OR ABOVE 54C (130F).**

**CHART PLANVIEW NOTE ADJACENT TO ALLXX AND PARBB: RF REQUIRED.**

**CHART NOTE: FOR INOPERATIVE ALS INCREASE RNP 0.11 VISIBILITY ALL CATS TO RVR 4000.**

**CHART PLANVIEW NOTE: RADAR REQUIRED.**

QUALITY  
25  
CHECKED

CITY AND STATE  OAKLAND, CA	ELEVATION: 9 AIRPORT NAME:  METROPOLITAN OAKLAND INTL	TDZE: 9  FACILITY IDENTIFIER:  RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:  RNAV (RNP) Z RWY 30, AMDT 3B 8 DECEMBER 2016	SUP:
				AMDT: 3A
				DATED: 09/15/2016