

**FEDERAL AVIATION ADMINISTRATION**  
**FLIGHT STANDARDS SERVICE**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**TITLE 14 CFR PART 97.33**

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT</u> MURRAY FIELD	<u>AIRPORT ID</u> KEKA	<u>PROCEDURE NAME</u> RNAV (GPS)-B	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>CITY</u> EUREKA	<u>STATE</u> CA	
<u>AIRPORT ELEVATION</u> 11	<u>TDZE</u>	<u>SUPERSEDED</u> RNAV (GPS)-B	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 08/27/2009	<u>MAG VAR</u> 15E	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 19 JULY 2018	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL SUSPEND</u>		

**TERMINAL ROUTES**

<u><b>FROM</b></u>	<u><b>FIX TYPE</b></u>	<u><b>TO</b></u>	<u><b>FIX TYPE</b></u>	<u><b>LEG TYPE</b></u>	<u><b>FO/FB</b></u>	<u><b>RNP</b></u>	<u><b>COURSE</b></u>	<u><b>DISTANCE</b></u>	<u><b>ALTITUDE</b></u>
TUNGS	IAF	FOT VORTAC	NOPT	TF	FB	1.00	320.14	4.00	3000
FOT VORTAC	IF/IAF	CIRTO		TF	FB	1.00	019.99	3.63	2300
CIRTO		SHUKS		TF	FB	1.00	020.02	3.00	1700
SHUKS	FAF	MABFI	MAP	TF	FO	0.30	020.05	3.00	
MABFI	MAP	411 MSL		CA			020.05		
411 MSL		FOT VORTAC		DF	FO	1.00			3000

**MISSED APPROACH**

**MAP:**

MABFI

**MISSED APPROACH INSTRUCTIONS:**

CLIMBING LEFT TURN TO 3000 DIRECT FOT VORTAC AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

1. PT      **SIDE OF COURSE**      **OUTBOUND**      **FT WITHIN**      **MILES OF (IAF)**
2. HOLD S FOT VORTAC, LT, 019.99 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 8000.
3. **FAC:** 020.05      **FAF:** SHUKS      **DIST FAF TO MAP:** 3.00      **DIST FAF TO THLD:**
4. **MIN ALT:** FOT VORTAC 3000, CIRTO 2300, SHUKS 1700
5. **DIST TO THLD FROM OM:**      **MM:**      **IM:**      **150 HAT:**      **HAT:**
6. **MIN GP INCPT:**      **GP ALT AT FAF :**      **OM:**      **MM:**      **IM:**
7. **GP ANGLE:**      **34:1:**      **20:1:**      **TCH:**
8. **MSA FROM:** MABFI 7200



**PBN EQUIPMENT REQUIREMENTS NOTES**

RNP APCH

**NOTES:**

CHART NOTE: PROCEDURE NA AT NIGHT.

CHART NOTE: USE ARCATA ALTIMETER SETTING WHEN NOT RECEIVED, USE CRESCENT CITY ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET.

**ADDITIONAL FLIGHT DATA:**

CHART CALIFORNA REDWOOD COAST-HUMBOLDT COUNTY ASOS

FAC CROSSES MIDPOINT OF RWY 12/30.

FAS OBST: 689 AAO 404531N/1240735W.

**MINIMUMS:**

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

**ALTERNATE:** NA ☒

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
CIRCLING	980	1 1/4	969	980	1 1/2	969	1060	3	1049		NA				

**CHANGES - REASONS**

1. CHANGED AIRPORT ELEV FROM ELEV 7 TO ELEV 11 - NEW AIRNAV DATA.
2. ADDED CHART NOTE: PROCEDURE NA AT NIGHT - FDC NOTAM 7/5055 INCORPORATED.
3. UPDATED 20:1 PENETRATIONS - FDC NOTAM 7/5055 INCORPORATED.
4. CHANGED HMAS FROM 675 TO 880 - NEW IPDS EVALUATION.
5. ADDED CA LEG TO MISSED APCH - FOR ARINC CODING.
6. REMOVED NOTE: DME/DME-0.03 NA ADDED PBN REQUIREMENTS NOTE: RNP APCH - IAW 8260.19H PARA 8-6-8.
7. CIRCLING CAT A/B HAA CHANGED FROM 973 TO 969, CAT C HAA CHANGED FROM 1053 TO 1049 - AIRPORT ELEVATION CHANGED, NEW AIRNAV DATA.



**COORDINATED WITH:**

**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** WST, OAK FSS, ZSE, ATA

**FLIGHT CHECKED BY**

BRYAN VEIT

*Digitally signed by*  
**DONALD H LANIER**  
Apr 16, 2018

**OFFICE**

FICO

**DATE**

4/12/18

**DEVELOPED BY**

LONNIE EVERHART (NEAL BLOOMQUIST)

*Digitally signed by*  
**DONALD H LANIER**  
Apr 16, 2018

**OFFICE**

AJV-5400

**DATE**

02/26/2018

**APPROVED BY**

LONNIE EVERHART

*Digitally signed by*  
**DONALD H LANIER**  
Apr 16, 2018

**OFFICE**

AJV-5400

**DATE**

**TITLE**  
MANAGER

