

**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> MOLOKAI	<u>AIRPORT ID</u> PHMK	<u>PROCEDURE NAME</u> RNAV (GPS)-B	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> KAUNAKAKAI	<u>STATE</u> HI
<u>AIRPORT ELEVATION</u> 454	<u>TDZE</u>	<u>SUPERSEDED</u> RNAV (GPS)-B	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 05/29/2014	<u>MAG VAR</u> 11E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 FEBRUARY 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 1980

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
PALAY		CHARS		TF	FB	1.00	090.21	18.73	4000
LNK VORTAC		PETTN		TF	FB	1.00	339.72	14.13	4000
GAKCU		FEUDS		TF	FB	1.00	169.11	14.23	3600
FEUDS		ATOSE		TF	FO	1.00	169.11	3.54	2500
CHARS	IAF	ATOSE	NOPT	TF	FB	1.00	091.01	6.78	2500
PETTN	IAF	ATOSE	NOPT	TF	FB	1.00	271.09	6.62	2500
ATOSE	IF/IAF	MIMLE		TF	FB	1.00	001.03	3.47	2000
MIMLE	FAF	JOPKI	MAP	TF	FO	0.30	001.04	4.34	
JOPKI	MAP	1200 MSL		CA			001.04		1200
1200 MSL		GAKCU		DF	FO	1.00			4000

**MISSED APPROACH**

**MAP:**  
JOPKI

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1200 THEN CLIMBING LEFT TURN 4000 DIRECT GAKCU AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



**PROFILE:**

- 1. **PT**      **SIDE OF COURSE**                      **OUTBOUND**                      **FT WITHIN**                      **MILES OF (IAF)**
- 2. HOLD S ATOSE, RT, 001.03 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 6000.
- 3. **FAC:** 001.04      **FAF:** MIMLE                                      **DIST FAF TO MAP:** 4.34                      **DIST FAF TO THLD:**
- 4. **MIN ALT:** ATOSE 2500, MIMLE 2000
- 5. **DIST TO THLD FROM OM:**                      **MM:**                      **IM:**                      **150 HAT:**                      **GS ANT:**
- 6. **MIN GP INCPT:**                      **GP ALT AT FAF :**                                      **OM:**                                      **MM:**                                      **IM:**
- 7. **GP ANGLE:**                      **34:1:**                                      **20:1:**                                      **TCH:**
- 8. **MSA FROM:** PHMK 6200

**PBN REQUIREMENTS NOTE:**

RNP APCH.

**NOTES:**

CHART NOTE: CIRCLING TO RWY 17, 23 NA AT NIGHT.  
 CHART NOTE: CIRCLING NA E OF RWY 35 AND SE OF RWY 23.  
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PALAY ON V8 WESTBOUND.  
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON LNY VORTAC AIRWAY RADIALS 278 CW 063.

**ADDITIONAL FLIGHT DATA:**

MIMLE TO RW35: 3.29/55  
 CHART CIRCLING ICON.  
 CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 12.01 DEGREES.  
 CHART FAS OBST: 520 TREE 210906N/1570509W.  
 FAC CROSSES RWY C/L EXTENDED 3006 FT FROM THLD.  
 HOLD N, RT, 160.05 INBOUND

**MINIMUMS:**

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

**ALTERNATE:** NA  STANDARD - CAT C 1200-3, CAT D 1500-3, NA WHEN LOCAL WEATHER NOT AVAILABLE.

<b>CATEGORY:</b>	<b>A</b>			<b>B</b>			<b>C</b>			<b>D</b>			<b>E</b>		
	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>
CIRCLING	980	1	526	1100	1	646	1640	3	1186	1920	3	1466			



**CHANGES - REASONS**

1. REMOVED TERMINAL ROUTES HAPAI TO JEMKO, KOLTE TO JEMKO, JEMKO TO WININ, WININ TO OCEBI/1.70 NM TO ZUTAR, AND OCEBI/1.70 NM TO ZUTAR TO ZUTAR (MAP) - REPLACED WITH NEW SEGMENTS, AS PER FPT CHECKLIST.
2. ADDED TERMINAL ROUTE PALAY TO CHARS COURSE/DIST 090.21/18.73 AT ALT 4000 FT - PROCEDURE REDESIGN, AS PER FPT CHECKLIST.
3. ADDED TERMINAL ROUTE LNY VORTAC TO PETTN COURSE/DIST 339.72/14.13 AT ALT 4000 FT - PROCEDURE REDESIGN, AS PER FPT CHECKLIST.
4. ADDED TERMINAL ROUTE GAKCU TO FEUDS COURSE/DIST 169.11/14.23 AT ALT 3600 FT - PROCEDURE REDESIGN, AS PER FPT CHECKLIST.
5. ADDED TERMINAL ROUTE FEUDS TO ATOSE COURSE/DIST 169.11/3.54 AT ALT 2500 FT - PROCEDURE REDESIGN, ADDED SDF FOR OBSTACLE CLEARANCE.
6. ADDED TERMINAL ROUTE CHARS TO ATOSE COURSE/DIST 091.01/6.78 AT ALT 2500 FT - PROCEDURE REDESIGN, AS PER FPT CHECKLIST.
7. ADDED TERMINAL ROUTE PETTN TO ATOSE COURSE/DIST 271.09/6.62 AT ALT 2500 FT - PROCEDURE REDESIGN, AS PER FPT CHECKLIST.
8. ADDED TERMINAL ROUTE ATOSE TO MIMLE COURSE/DIST 001.03/3.47 AT ALT 2000 FT - PROCEDURE REDESIGN, AS PER FPT CHECKLIST.
9. ADDED TERMINAL ROUTE MIMLE TO JOPKI (MAP) COURSE/DIST 001.04/4.34 - PROCEDURE REDESIGN, AS PER FPT CHECKLIST.
10. CHANGED TERMINAL ROUTE MISSED APPROACH FROM ZUTAR TO 854 MSL TO JOPKI TO 1200 MSL - MISSED APPROACH INSTRUCTIONS CHANGED, AS PER FPT CHECKLIST.
11. CHANGED TERMINAL ROUTE MISSED APPROACH FROM 854 MSL TO HAPAI TO 1200 MSL TO GAKCU (DF); RNP 1.00 - MISSED APPROACH INSTRUCTIONS CHANGED, AS PER FPT CHECKLIST.
12. CHANGED MAP FROM ZUTAR TO JOPKI - MAP CHANGED, AS PER FPT CHECKLIST.
13. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 4000 DIRECT HAPAI AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000" TO "CLIMB TO 1200 THEN CLIMBING LEFT TURN 4000 DIRECT GAKCU AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000" - MISSED APPROACH INSTRUCTIONS CHANGED, AS PER FPT CHECKLIST.
14. CHANGED PROFILE LINE 2 FROM "HOLD SW JEMKO, RT, 043.05 INBOUND, 3400 FT. IN LIEU OF PT (IAF)" TO "HOLD S ATOSE, RT, 001.03 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 6000" - PROCEDURE REDESIGN, AS PER FPT CHECKLIST.
15. CHANGED PROFILE LINE 3 FAC FROM "043.04" TO "001.04", FAF FROM "WININ" TO "MIMLE", AND DIST FAF TO MAP FROM "5.30" TO "4.34" - RUNWAY DISPLACED THRESHOLD RELOCATED, AS PER FPT CHECKLIST.
16. CHANGED PROFILE LINE 4 MIN ALT FROM "JEMKO 3400, WININ 2800, OCEBI/1.70 NM TO ZUTAR 1700" TO "ATOSE 2500. MIMLE 2000" - PROCEDURE REDESIGN WITH NEW IF AND FAF SEGMENTS.
17. REMOVED 34:1 IS CLEAR FROM PROFILE LINE 7 - NOTE ONLY REQUIRED FOR STRAIGHT-IN ALIGNED PROCEDURES.
18. PROFILE LINE 8: CHANGED MSA FROM "ZUTAR 6200" TO "ARP (PHMK) 6200" - MSA CENTERED ON PHMK IAW 8260.19H PARA 8-6-7H.
19. REPLACED CHART NOTE: DME/DME RNP-0.3 NA WITH PBN REQUIREMENTS NOTE: RNP APCH - IAW 8260.19H.
20. REMOVED VGSI AND DESCENT ANGLES NOT COINCIDENT NOTE - PROCEDURE BUILT TO RWY 35. RWY 35 HAS NO VGSI (AIRNAV).
21. CHANGED CHART NOTE FROM "CIRCLING TO RWY 05/17/23 NA AT NIGHT" TO "CIRCLING TO RWY 17, 23 NA AT NIGHT" - 20:1 PENETRATIONS REMOVED FOR RUNWAY 05.
22. REMOVED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT KOLTE ON V2 NORTHWEST BOUND - NO LONGER REQUIRED, KOLTE INITIAL SEGMENT REMOVED FROM PROCEDURE.
23. REMOVED CHART PLANVIEW NOTE: RADAR REQUIRED FOR PROCEDURE ENTRY FROM HAPAI - NO LONGER REQUIRED, HAPAI FEEDER SEGMENT REMOVED FROM PROCEDURE.
24. REMOVED CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA" - IAW 8260.19H, PARA 8-6-11K, NOTE IS UTILIZED FOR STRAIGHT-IN PROCEDURES ONLY.
25. ADDED CHART NOTE: CIRCLING NA E OF RWY 35 AND SE OF RWY 23 - TO AVOID TERRAIN EAST OF AIRFIELD, AS PER FPT REQUEST.
26. ADDITIONAL FLIGHT DATA: CHANGED CHART FAS OBST FROM "642 POLE 210812N/1570725W" TO "520 TREE 210906N/1570509W" - NEW FINAL CONTROLLER IDENTIFIED.
27. ADDITIONAL FLIGHT DATA: REMOVED NOTE CHART 1208 TREE 210743N/1570815W - OBSTACLE IS NO LONGER 7:1 DUE TO PROCEDURE REDESIGN.
28. ADDITIONAL FLIGHT DATA: CHANGED "OCEBI TO RW05: 5.23/50" TO "MIMLE TO RW35: 3.29/55" - PROCEDURE REDESIGN; FAF OCEBI MOVED MORE THAN ONE MILE AND RENAMED TO MIMLE
29. ADDITIONAL FLIGHT DATA: CHANGED FAC CROSSES RWY C/L EXTENDED FROM "3037 FT FROM THLD" TO "3006 FT FROM THLD" - IAW 8260.19H PARA 8-6-10G.
30. UPDATED ADDITIONAL FLIGHT DATA NOTE "HOLD NE, RT, 210.98 INBOUND" TO "HOLD N, RT, 160.05 INBOUND" - MISSED HOLDING CHANGED, AS PER FPT CHECKLIST.
31. ADDITIONAL FLIGHT DATA: ADDED CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 12.01 DEGREES - IAW 8260.19H 8-6-10G.
32. CHANGED CIRCLING MINIMUMS MDA/HAA CAT A FROM "1000/546" TO "980/526," CAT B FROM "1160/706" TO "1100/646," CAT C FROM "1680/1226" TO "1640/1186," CAT D FROM "1940/1486" TO "1920/1466" - NEW TARGETS EVALUATION AND CONTROLLING OBSTACLES.
33. ADDED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PALAY ON V8 WESTBOUND AND CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON LNY VORTAC AIRWAY RADIALS 278 CW 063 - REQUIRED NOTE FOR TURNS EXCEEDING 90 DEGREES, IAW 8260.19H AND 8260.58A.

**COORDINATED WITH:**

**A4A**  **ALPA**  **AOPA**  **APA**  **HAI**  **NBAA**  **OTHER:** PHMK ATCT, HNL CERAP

**FLIGHT CHECKED BY**

EDWARD W MESA

*Digitally signed by*  
**DONALD H LANIER**  
Dec 04, 2020

**OFFICE**

FICO

**DATE**

12/2/2020

**DEVELOPED BY**

DONALD H. LANIER (EBONY HAMILTON)

*Digitally signed by*  
**DONALD H LANIER**

**OFFICE**

AJV-A431

**DATE**

02/13/2020

**APPROVED BY**

GEORGE DAVIS

Dec 04, 2020  
*Digitally signed by*  
**DONALD H LANIER**  
Dec 04, 2020

**OFFICE**

AJV-A430

**DATE**

**TITLE  
MANAGER**

