

Flight Procedures Cover Page	Task Action: FLIGHT CHECK	Task Type: SID	Estimated Chart Date: 02/25/2021	APWS Task ID: 765A964E4B0E4A509ADB26AC8600D09F	APWS Project ID: E60DA5C75C7A41BA9E34F7976FA30C36
Procedure: SID KALAE (RNAV) ONE MOLOKAI HI PHMK		Enroute: YES	Specialist: Sweeting, Dexter		Agreement Number:
Airport ID: PHMK		Airport City: KAUNAKAKAI			State: HI
Facility ID:	Facility Type:	Flight Inspection Remark Type: Hold FC Slot			
<p>Procedure Comments: ORIGINAL PROCEDURE</p> <p>ACTIVE DATA USED FOR MKK VORTAC AND LNY VORTAC</p> <p>CONTACT: DONALD LANIER 405-954-8242</p> <p>8260-2: LOKIE 12/16/2020: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 12/04/2020. 1. ADDED EN ROUTE HIGH TO REQUIRED CHARTING.</p>					

QUALITY
45
CHECKED

FIPC BASIC FORM						
PROCEDURE: SID KALAE (RNAV) ONE MOLOKAI HI PHMK			AIRPORT NAME: MOLOKAI		AIRPORT ID: PHMK	SPECIAL CONTROL NO: PG-07-115-20
FAC ID: KALAE1		CITY: KAUNAKAKAI			ST: HI	ORIG CHART DATE: 12/31/2020
DFL TYPE: PROC/B	THIRD PARTY: <input type="checkbox"/> YES	EST. TIME ON SITE: 1.0	REIMB. NUMBER: AC0683	PTS TASK ID:		
PREFLIGHT NOTES						
REVIEWER: edward w mesa					DATE: 12/03/2020	
COMMENTS:					CHECK ONE: <input checked="" type="checkbox"/> FLT CK REQ <input type="checkbox"/> NFCR <input type="checkbox"/> REJECT	
					<div style="display: flex; justify-content: space-between; width: 100%;"> YES NO </div>	
					CPV COMPLETE? <div style="display: flex; justify-content: space-between; width: 100%;"> X </div>	
PROCEDURE RESULTS						
INSPECTION DATE: 12/03/2020	CREW #: VN283	N #: N89	INSTRUMENT PROCEDURE STATUS: <input checked="" type="checkbox"/> SAT <input type="checkbox"/> SAT W/CHANGES <input type="checkbox"/> UNSAT		ARINC CODING: <input type="checkbox"/> SAT <input checked="" type="checkbox"/> SAT/GOLD <input type="checkbox"/> UNSAT	
FLIGHT INSPECTOR SIGNATURE: edward w mesa @ 12/03/2020 15:58			PRINTED NAME: MESA, EDWARD WILLIAM			NOTAM INITIATED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
FLIGHT INSPECTOR REMARKS:						
IN-FLIGHT OBSTACLE REPORT						
OBSTRUCTION ID #:	COORDINATES OR LOCATION:	GNSS ALTITUDE (MSL):	BAROMETRIC ALTITUDE (MSL):	HEIGHT ABOVE GROUND LEVEL:		

**U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION
WESTERN SERVICE AREA**

CATEGORICAL EXCLUSION DECLARATION

**Ellison Onizuka Kona International Airport at Keahole
Molokai Airport
Hilo International Airport Kahului Airport
Kahului Airport**

MULTIPLE PROCEDURES

Description of Action:

The Federal Aviation Administration (FAA) is proposing to amend procedures and implement new procedures at the following airports in Hawai'i:

- 1. Ellison Onizuka Kona International Airport at Keahole (PHKO) in Kailua-Kona on the Island of Hawai'i.**
- 2. Molokai Airport (PHMK) in Kaunakakai on the Island of Molokai.**
- 3. Hilo International Airport (PHTO) in Hilo on the Island of Hawai'i.**
- 4. Kahului Airport (PHOG) in Kahului on the Island of Maui.**

The proposed amendments and new procedures are a result of the Performance Based Navigation (PBN) Full Work Group (FWG) Design Meetings whose members include airline industry members, PBN, and the Honolulu Control Facility (HCF). The Mission Statement of the FWG was to:

“Provide RNAV SIDs, STARs, and RNP for the Hawaiian Islands that take advantage of and provide NextGen RNAV capabilities for safety and facility, system, and user benefits, Supports Operational Contingency Plan (OCP) requirements, and to the extent possible, incorporate previous Full Work Group efforts and resources expended.”

The procedures to be implemented and/or amended are listed below by

airport. Ellison Onizuka Kona International Airport at Keahole:

- 1. Implement the ONIZU ONE DEPARTURE Area Navigation (RNAV) procedure.**
 - a. Departs from Runways (RWYs) 17 and 35.**
 - b. Four transitions will direct aircraft:**
 - i. BARBY: north-northeast,**
 - ii. JULLE: northwest,**
 - iii. MAKEN: north, and**
 - iv. UPP VORTAC: east-northeast.**

Molokai Airport:

1. Amend the RNAV (Global Positioning System [GPS])-B approach procedure.
2. Implement the MAULA ONE DEPARTURE (RNAV) procedure.
 - a. Departs from RWY 5.
 - b. Four transitions will direct aircraft:
 - i. EELIO: southeast,
 - ii. ALANA: west,
 - iii. LNY VORTAC: south-southeast, and
 - iv. LOKIE: northwest.
3. Implement the KALAE ONE DEPARTURE (RNAV) procedure.
 - a. Departs from RWYS 17 and 23.
 - b. Will have the same four transitions as the MAULA ONE DEPARTURE (RNAV) procedure.

Hilo International Airport:

1. Amend the Instrument Landing System (ILS) or Localizer (LOC) RWY 26 approach procedure.
2. Amend the RNAV (GPS) RWY 21 approach procedure.
3. Amend the RNAV (GPS) RWY 26 approach procedure.
4. Implement the LYCHI ONE ARRIVAL (RNAV) procedure.
 - a. Connects to:
 - i. ILS or LOC RWY 26 approach procedure,
 - ii. RNAV (GPS) RWY 21 approach procedure, and
 - iii. RNAV (GPS) RWY 26 approach procedure.
 - b. Four transitions will direct aircraft:
 - i. BARBY: from the north-northwest,
 - ii. CHINE: from the west,
 - iii. NOMEA: from the north, and
 - iv. POHOU: from the west-northwest
 - c. Procedure will be limited to turboprop aircraft.
5. Implement the PPKEO ONE DEPARTURE (RNAV).
 - a. Departs from all runways.
 - b. Four transitions will direct aircraft:
 - i. BARBY: north-northeast,
 - ii. LAVAS: west and connects to the LAVAS ONE ARRIVAL (RNAV) procedure,
 - iii. PAIKO: west, and
 - iv. UPP VORTAC: east.

Kahului Airport:

1. Amend the ILS or LOC RWY 2 approach procedure.
2. Implement the Very High Frequency Omnidirectional Radio Range (VOR)/Distance Measuring Equipment (DME) RWY 2 approach procedure.

The FAA Guidance for Noise Screening of Air Traffic Actions (December 2012) was used to complete the analysis of potential effects due to the change in aircraft noise exposure level, as a result, of implementing the proposed action. The Traffic Test (TRAF Test) is used to determine if the number of operations on a particular route or procedure is high enough to generate noise levels that exceed noise screening thresholds. The TRAF Test considers aircraft types and the altitudes flown. The TRAF Test was used to evaluate the new procedures and amended procedures. Based on the results of the TRAF Test, potential noise impacts are not expected based on the number of operations on the new procedures; therefore, it is determined that further noise screening is not required.

Declaration of Exclusion:

FAA reviewed the above referenced proposed action, and the undersigned determined it to be categorically excluded from further environmental documentation according to FAA Order 1050.1F, "Environmental Impacts: Policies and Procedures." The implementation of this action will not result in any extraordinary circumstances in accordance with FAA Order 1050.1F.

Basis for this Determination:

The Aircraft Procedure Initial Environmental Review was completed and reviewed by the Western Service Center. This review was conducted in accordance with policies and procedures in Department of Transportation Order 5610.1C, "Procedures for Considering Environmental Impacts" and FAA Order 1050.1F.

The proposed procedure meets the following categorical exclusions contained in FAA Order 1050.1F:

5-6.5.i. Establishment of new or revised air traffic control procedures conducted at 3,000 feet or more above ground level (AGL); procedures conducted below 3,000 feet AGL that do not cause traffic to be routinely routed over noise sensitive areas; modifications to currently approved procedures conducted below 3,000 feet AGL that do not significantly increase noise over noise sensitive areas; and increases in minimum altitudes and landing minima.

Facility Manager Review/Concurrence

Signature: **DAVID A SAKASEGAWA**  Digitally signed by DAVID A SAKASEGAWA
Date: 2019.11.27 11:08:59 -10'00'

Name: David Sakasegawa
Acting Air Traffic Manager
Honolulu Control Facility (HCF)

Service Area Environmental Specialist Review/Concurrence

Signature: _____

Name: Ryan Weller
Environmental Protection Specialist, Operations Support Group,
Western Service Center, AJV-W25

Service Area Director Review/Concurrence, if necessary

Signature: _____

Name: Shawn M. Kozica
Manager, Operations Support Group
Western Service Center, AJV-W2

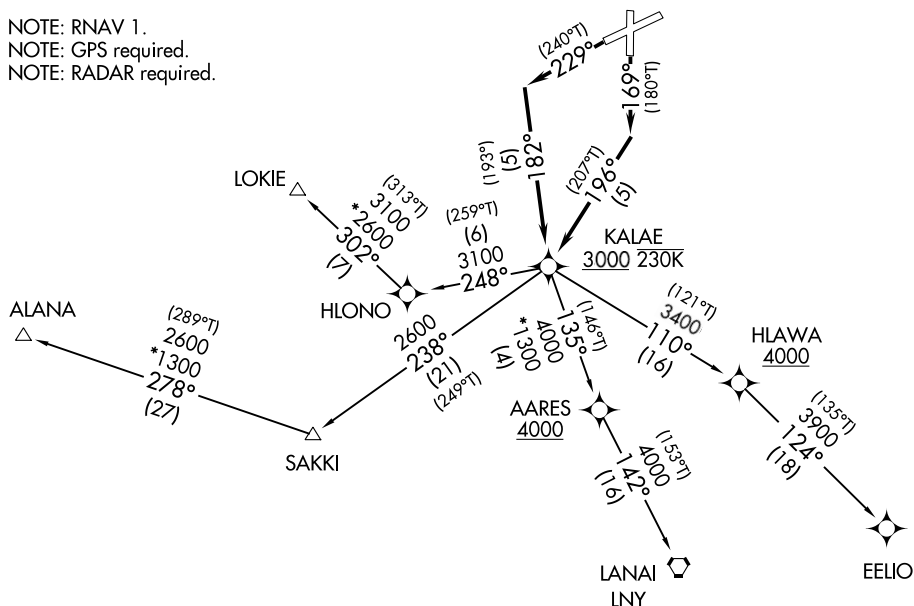
MOLOKAI (MKK) (PHMK)
KAUNAKAKAI, HAWAII

ATIS
128.2
GND CON
121.9
MOLOKAI TOWER★
125.7 306.2
HCF CENTER
124.1 317.5

TOP ALTITUDE:
5000

PROTOTYPE-NOT
FOR NAVIGATION

NOTE: RNAV 1.
NOTE: GPS required.
NOTE: RADAR required.



TAKEOFF MINIMUMS

Rwys 5, 35: N/A: Air Traffic.
Rwy 17: Standard with minimum climb of 500' per NM to 3000.
Rwy 23: Standard with minimum climb of 415' per NM to 1900.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 17: Climb on heading 169° to intercept course 196° to cross KALAE at or above 3000 and at or below 230K, thence

TAKEOFF RWY 23: Climb on heading 229° to intercept course 182° to cross KALAE at or above 3000 and at or below 230K, thence

... (transition) maintain 5000, expect filed altitude five minutes after departure.

ALANA TRANSITION (KALAE1.ALANA)

EELIO TRANSITION (KALAE1.EELIO)

LANAI TRANSITION (KALAE1.LNY)

LOKIE TRANSITION (KALAE1.LOKIE)

KALAE ONE DEPARTURE (RNAV)

(KALAE1.KALAE) FIG

KAUNAKAKAI, HAWAII
MOLOKAI (MKK) (PHMK)

