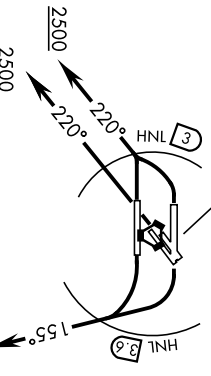




D-ATIS  
 127.9 251.115  
 CLNC DEL  
 121.4 281.4  
 GND.CON  
 121.9 348.6  
**HONOULUU TOWER**  
 118.1 257.8  
 HCF APP  
 118.3 317.6  
 N119.1 265.0  
 W118.3 269.0



Departure from Rwy 8L/R:  
 Right turn to heading 155° must be completed within 2 NM of departure end of rwy (HNL VORTAC 3.6 DME).  
 Departure from Rwy 24L/R:  
 Left turn to heading 220° must be completed within 2 NM of departure end of rwy (HNL VORTAC 3 DME).  
**CAUTION:** Large ships operating in channel waters surrounding HNL airport.

**TAKEOFF MINIMUMS**

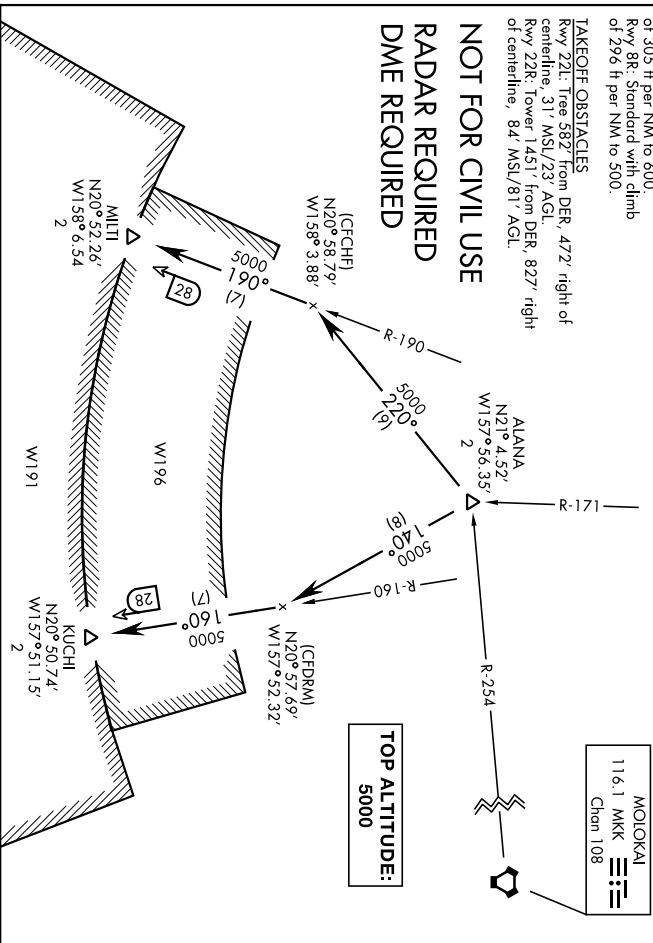
Rwy 4L/R: NA - Obstacles/Noise.  
 Rwy 22L/R, 26L/R: Standard.  
 Rwy 8L: Standard with minimum climb of 305 ft per NM to 600.  
 Rwy 8R: Standard with climb of 296 ft per NM to 500.

**TAKEOFF OBSTACLES**

Rwy 22L: Tree 582' from DER, 472' right of centerline, 31' MSL/23' AGL.  
 Rwy 22R: Tower 1451' from DER, 822' right of centerline, 84' MSL/81' AGL.

**NOT FOR CIVIL USE**

**RADAR REQUIRED  
 DME REQUIRED**



**DEPARTURE ROUTE DESCRIPTION**

**TAKE-OFF Rwy 8 L/R:** Climbing right turn heading 155° to 2500. Thence...  
**TAKE-OFF Rwy 22 L/R:** Climb heading 220° to 2500. Thence...  
**TAKE-OFF Rwy 26 L/R:** Climbing left turn heading 220° to 2500. Thence...  
 ... expect RADAR vectors to ALANA, then on assigned transition. Maintain 5000, expect clearance to enroute altitude at ALANA.

**KUCHI TRANSITION (ALANA2•KUCHI):** From over ALANA on heading 140° and HNL R-160 to KUCHI.  
**MULTI TRANSITION (ALANA2•MULTI):** From over ALANA on heading 220° and HNL R-190 to MULTI.

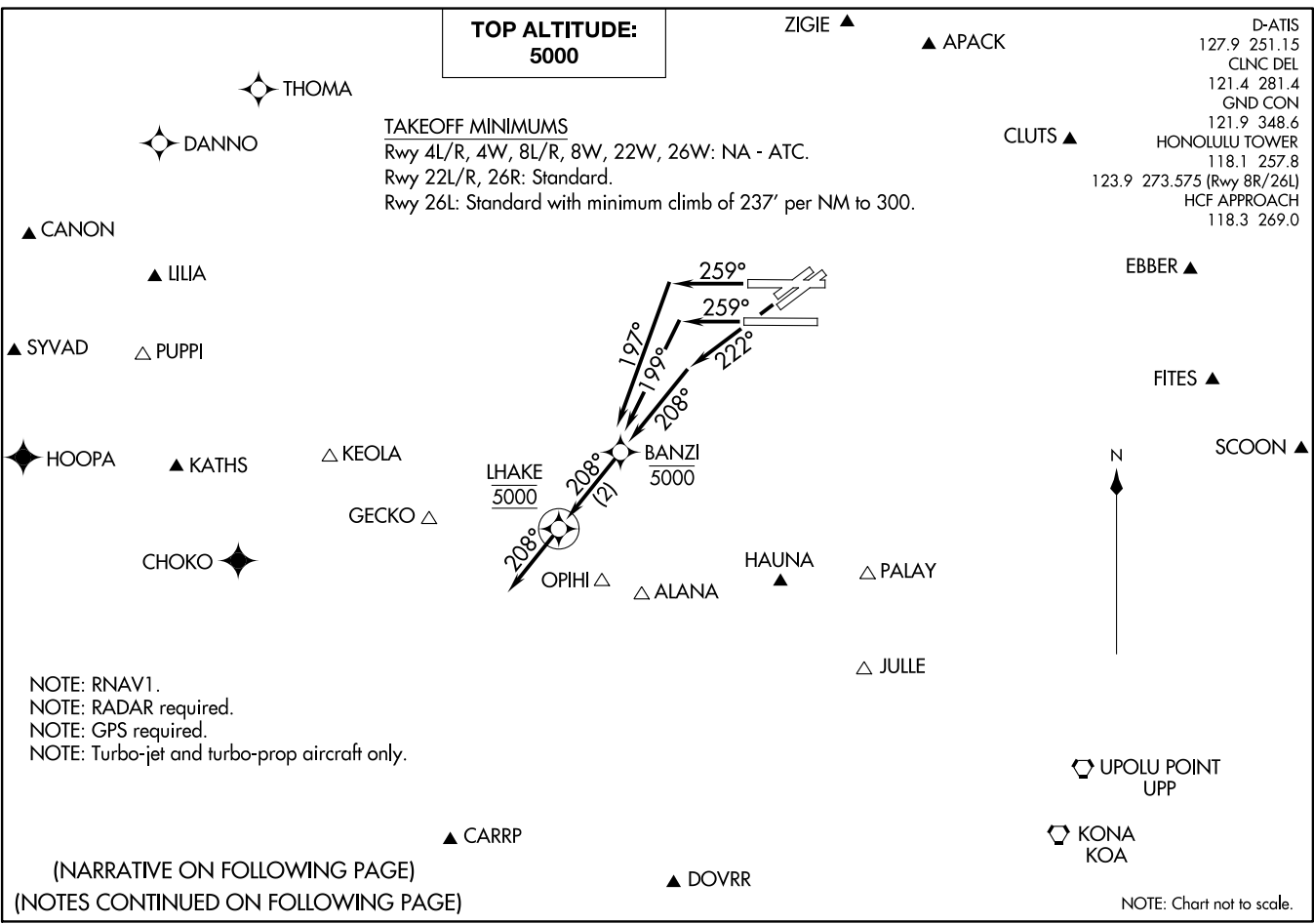
**TOP ALTITUDE:  
5000**

**TAKEOFF MINIMUMS**  
Rwy 4L/R, 4W, 8L/R, 8W, 22W, 26W: NA - ATC.  
Rwy 22L/R, 26R: Standard.  
Rwy 26L: Standard with minimum climb of 237' per NM to 300.

D-ATIS  
127.9 251.15  
CLNC DEL  
121.4 281.4  
GND CON  
121.9 348.6  
HONOLULU TOWER  
118.1 257.8  
123.9 273.575 (Rwy 8R/26L)  
HCF APPROACH  
118.3 269.0

BANZI ONE DEPARTURE (RNAV)  
(BANZI1, BANZI) 300ANZ0  
DANIEL K INOUYE INTL (HNL) (PHNL)  
HONOLULU, HAWAII

BANZI ONE DEPARTURE (RNAV)  
(BANZI1, BANZI) 20030  
AL-754 (FAA)  
DANIEL K INOUYE INTL (HNL) (PHNL)  
HONOLULU, HAWAII





DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 22L/R: Climb on heading 222° to intercept course 208° to cross BANZI at or below 5000, thence . . .

TAKEOFF RUNWAY 26L: Climb on heading 259° to intercept course 199° to cross BANZI at or below 5000, thence . . .

TAKEOFF RUNWAY 26R: Climb on heading 259° to intercept course 197° to cross BANZI at or below 5000, thence . . .

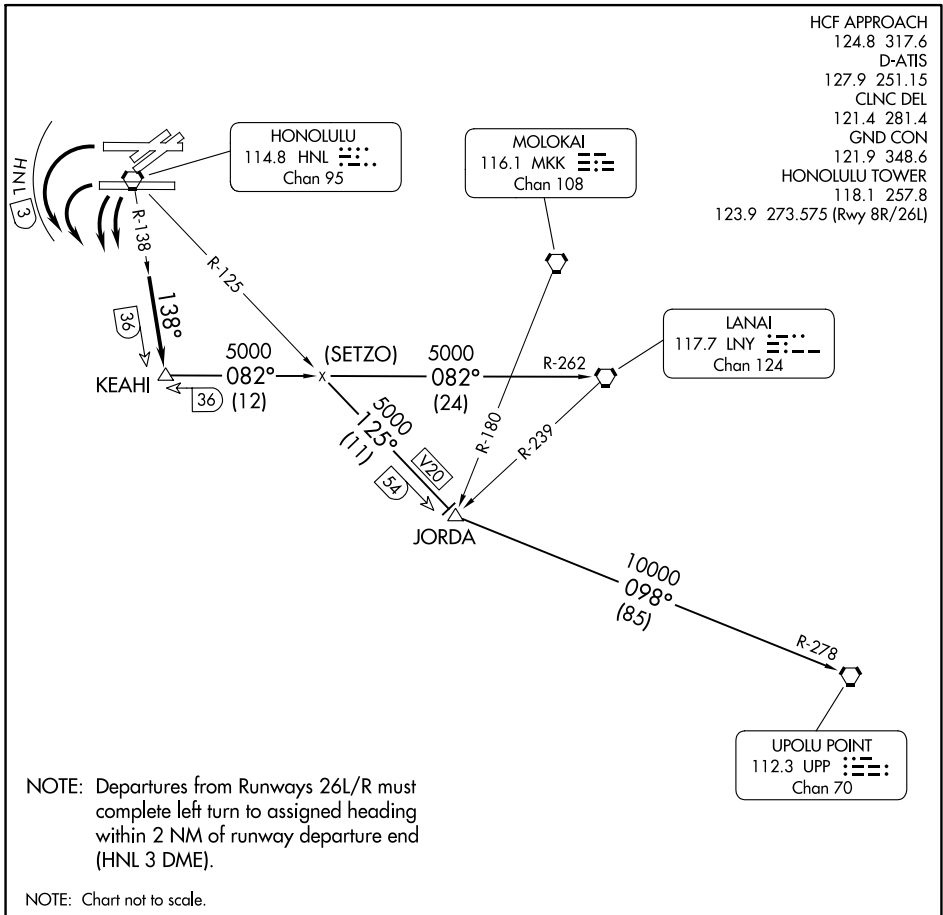
. . . on track 208° to LHAKE, then on track 208° for RADAR vectors to assigned route/fix, maintain 5000 or as assigned by ATC. Expect clearance to filed altitude/flight level within 10 minutes after departure.

- NOTE: ALANA departures expect direct/vectors to ALANA/V8/V16/V20/V21.
- NOTE: APACK departures expect direct/vectors to APACK/R463.
- NOTE: CANON departures expect direct/vectors to CANON/V15.
- NOTE: CARRP departures expect direct/vectors to CARRP/A579.
- NOTE: CHOKO departures expect direct/vectors to CHOKO/R584/B326.
- NOTE: CLUTS departures expect direct/vectors to CLUTS/R465.
- NOTE: DANNO departures expect direct/vectors to DANNO.
- NOTE: DOVRR departures expect direct/vectors to DOVRR/B596.
- NOTE: EBBER departures expect direct/vectors to EBBER/R577.
- NOTE: FITES departures expect direct/vectors to FITES/R578.
- NOTE: GECKO departures expect direct/vectors to GECKO/V4/V12/V16.
- NOTE: HAUNA departures expect direct/vectors to HAUNA/V8/V16/V20/V21/LNY.
- NOTE: HOOPA departures expect direct/vectors to HOOPA/A450.
- NOTE: JULLE departures expect direct/vectors to JULLE/V16/V20/V21.
- NOTE: KATHS departures expect direct/vectors to KATHS/A450.
- NOTE: KEOLA departures expect direct/vectors to KEOLA/V16.
- NOTE: KOA departures expect direct/vectors to KOA.
- NOTE: LILIA departures expect direct/vectors to LILIA/V15.
- NOTE: OPIHI departures expect direct/vectors to OPIHI/V8/V16/V20/V21.
- NOTE: PALAY departures expect direct/vectors to PALAY/V2/V8/LNY.
- NOTE: PUPPI departures expect direct/vectors to PUPPI/V16.
- NOTE: SCOON departures expect direct/vectors to SCOON.
- NOTE: SYVAD departures expect direct/vectors to SYVAD/V16.
- NOTE: THOMA departures expect direct/vectors to THOMA.
- NOTE: UPP departures expect direct/vectors to UPP.
- NOTE: ZIGIE departures expect direct/vectors to ZIGIE/A331.

PAC, 25 JAN 2024 to 21 MAR 2024

PAC, 25 JAN 2024 to 21 MAR 2024

# KEAHI THREE DEPARTURE



PAC, 25 JAN 2024 to 21 MAR 2024

PAC, 25 JAN 2024 to 21 MAR 2024

## DEPARTURE ROUTE DESCRIPTION

**TAKEOFF RUNWAYS 22/26 ONLY:** Turn left to heading assigned by tower, expect RADAR vectors to intercept HNL R-138; then via HNL R-138 to KEAHI INT, maintain 5000'; then via (transition). Expect clearance to enroute altitude/flight level at JORDA INT or LNY VORTAC.

**JORDA TRANSITION (KEAH13.JORDA):** From over KEAHI INT via LNY R-262 and HNL R-125 to JORDA INT.

**LANAI TRANSITION (KEAH13.LNY):** From over KEAHI INT via LNY R-262 to LNY VORTAC.

**UPOLU TRANSITION (KEAH13.UPP):** From over KEAHI INT via LNY R-262 and HNL R-125 to JORDA INT, thence via UPP R-278 to UPP VORTAC.

### DEPARTURE ROUTE DESCRIPTION

Turn right/left to heading assigned by the Tower, expect vectors to KEOLA, maintain 5000; then on transition. Expect clearance to enroute altitude/flight level at KEOLA.

**KATHS TRANSITION (KEOLA3.KATHS):** From over KEOLA on HNL R-258 and SOK R-234 to KATHS.

**LIHUE TRANSITION (KEOLA3.LIH):** From over KEOLA on SOK R-111 and LIH R-148 to LIH VORTAC.

**LIIIA TRANSITION (KEOLA3.LIIIA):** From over KEOLA on track 282° to LIIIA.

**NONNI TRANSITION (KEOLA3.NONNI):** From over KEOLA on HNL R-258 to NONNI.

**PUPPI TRANSITION (KEOLA3.PUPPI):** From over KEOLA on track 271° to PUPPI.

**SOUTH KAUAI TRANSITION (KEOLA3.SOK):** From over KEOLA on SOK R-111 to SOK VORTAC.

HCF APPROACH  
 118.3 269.0  
 D-ATIS  
 127.9 251.15  
 CLNC DEL  
 121.4 281.4  
 GND CON  
 121.9 348.6  
 HONOLULU TOWER  
 118.1 257.8  
 123.9 273.575 (Rwy 8R/26L)

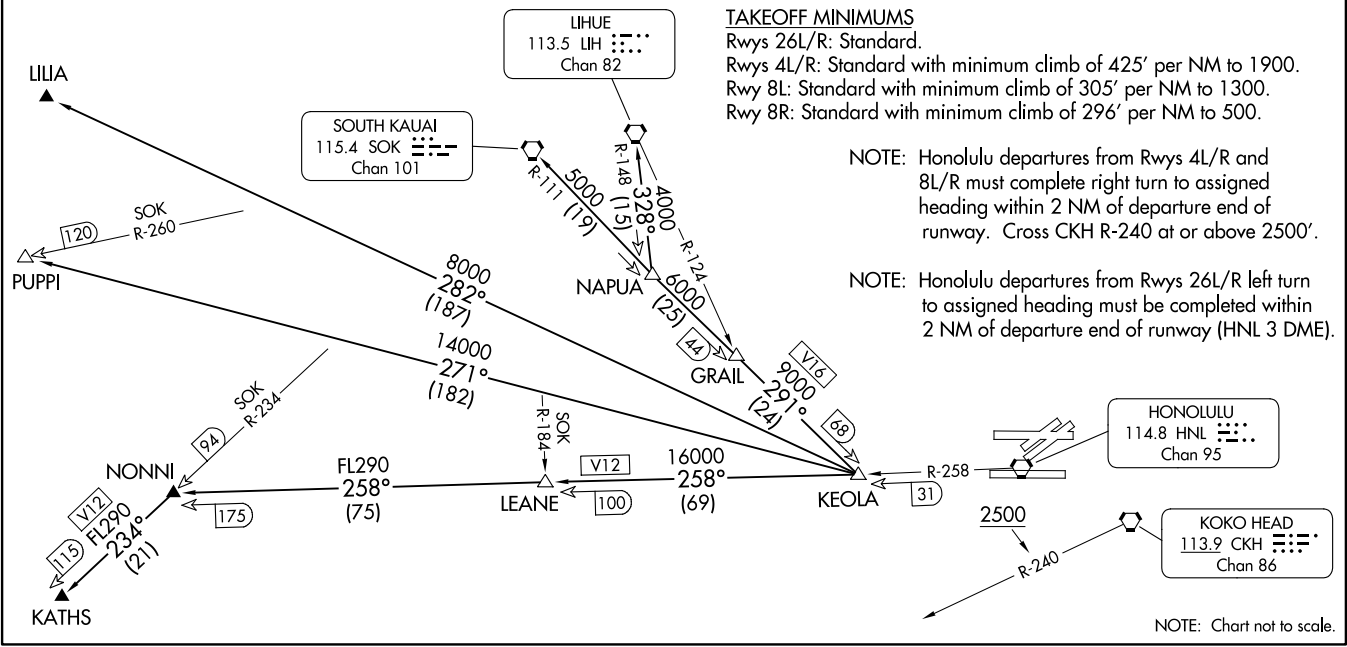


### TAKEOFF MINIMUMS

Rwys 26L/R: Standard.  
 Rwys 4L/R: Standard with minimum climb of 425' per NM to 1900.  
 Rwy 8L: Standard with minimum climb of 305' per NM to 1300.  
 Rwy 8R: Standard with minimum climb of 296' per NM to 500.

NOTE: Honolulu departures from Rwys 4L/R and 8L/R must complete right turn to assigned heading within 2 NM of departure end of runway. Cross CKH R-240 at or above 2500'.

NOTE: Honolulu departures from Rwys 26L/R left turn to assigned heading must be completed within 2 NM of departure end of runway (HNL 3 DME).



NOTE: Chart not to scale.

KEOLA THREE DEPARTURE  
(KEOLA3 KEOLA) 25FEB21

(KEOLA3 KEOLA) 23334  
KEOLA THREE DEPARTURE

HONOLULU, HAWAII  
DANIEL K INOUE INTL (HNL) (PHNL)

AL-754 (FAA)  
DANIEL K INOUE INTL (HNL) (PHNL)  
HONOLULU, HAWAII

# MOLOKAI FIVE DEPARTURE

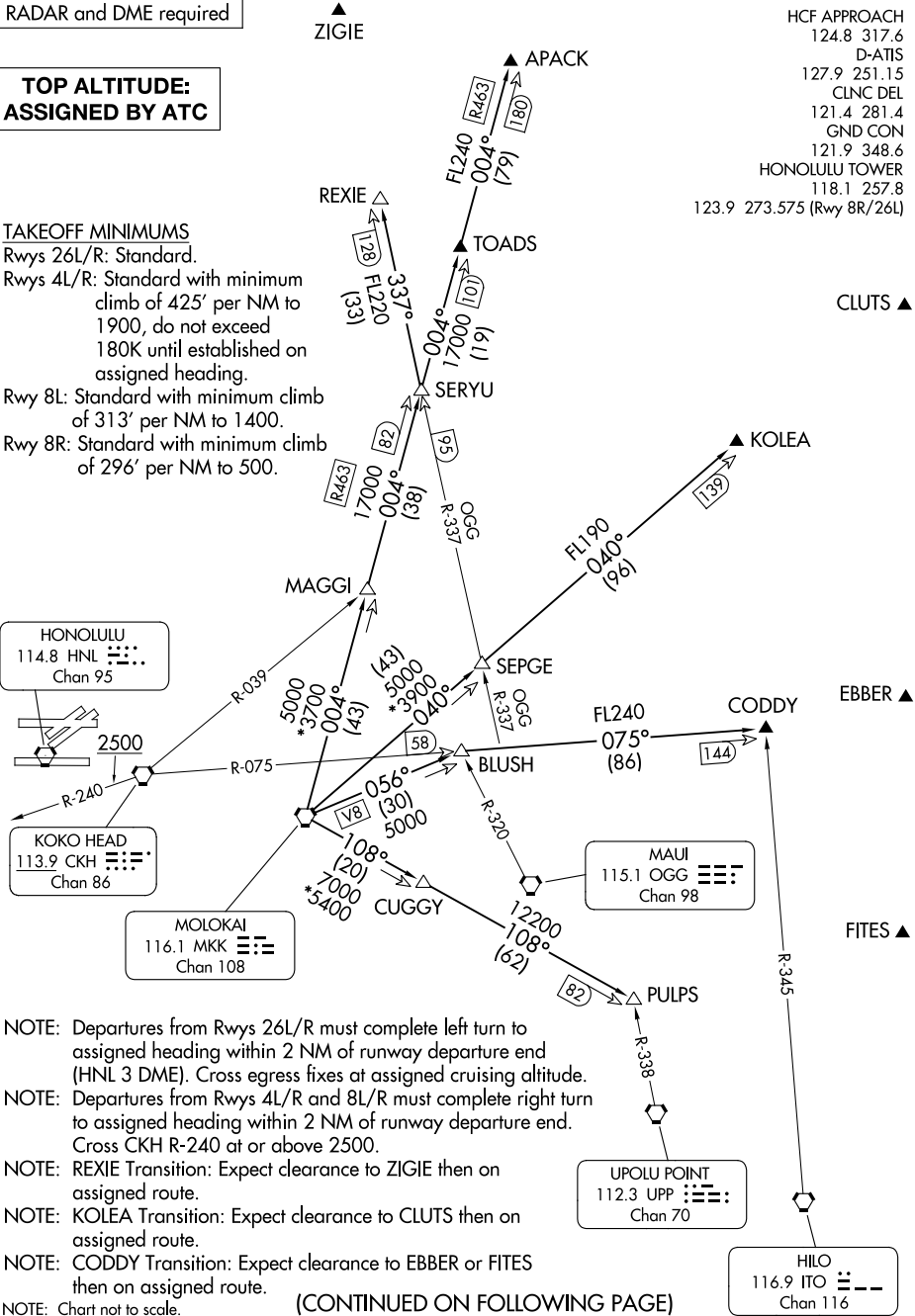
RADAR and DME required

**TOP ALTITUDE:  
ASSIGNED BY ATC**

### TAKEOFF MINIMUMS

Rwys 26L/R: Standard.  
 Rwys 4L/R: Standard with minimum climb of 425' per NM to 1900, do not exceed 180K until established on assigned heading.  
 Rwy 8L: Standard with minimum climb of 313' per NM to 1400.  
 Rwy 8R: Standard with minimum climb of 296' per NM to 500.

HCF APPROACH  
 124.8 317.6  
 D-ATIS  
 127.9 251.15  
 CLNC DEL  
 121.4 281.4  
 GND CON  
 121.9 348.6  
 HONOLULU TOWER  
 118.1 257.8  
 123.9 273.575 (Rwy 8R/26L)



- NOTE: Departures from Rwys 26L/R must complete left turn to assigned heading within 2 NM of runway departure end (HNL 3 DME). Cross egress fixes at assigned cruising altitude.
- NOTE: Departures from Rwys 4L/R and 8L/R must complete right turn to assigned heading within 2 NM of runway departure end. Cross CKH R-240 at or above 2500.
- NOTE: REXIE Transition: Expect clearance to ZIGIE then on assigned route.
- NOTE: KOLEA Transition: Expect clearance to CLUTS then on assigned route.
- NOTE: CODDY Transition: Expect clearance to EBBER or FITES then on assigned route.

(CONTINUED ON FOLLOWING PAGE)

PAC, 25 JAN 2024 to 21 MAR 2024

PAC, 25 JAN 2024 to 21 MAR 2024

# MOLOKAI FIVE DEPARTURE



DEPARTURE ROUTE DESCRIPTION

Turn right/left to heading as assigned by Tower, expect vectors to MKK VORTAC, maintain 5000; then on transition. Expect clearance to enroute altitude/flight level at MKK VORTAC. Cross egress fixes REXIE, APACK, KOLEA, and CODDY at assigned cruising altitude, unless otherwise advised by ATC.

APACK TRANSITION (MKK5.APACK): From over MKK VORTAC on MKK R-004 to APACK.

CODDY TRANSITION (MKK5.CODDY): From over MKK VORTAC on MKK R-056 and CKH R-075 to CODDY.

KOLEA TRANSITION (MKK5.KOLEA): From over MKK VORTAC on MKK R-040 to KOLEA.

PULPS TRANSITION (MKK5.PULPS): From over MKK VORTAC on MKK R-108 to PULPS.

REXIE TRANSITION (MKK5.REXIE): From over MKK VORTAC on MKK R-004 and OGG R-337 to REXIE.

PAC, 25 JAN 2024 to 21 MAR 2024

PAC, 25 JAN 2024 to 21 MAR 2024

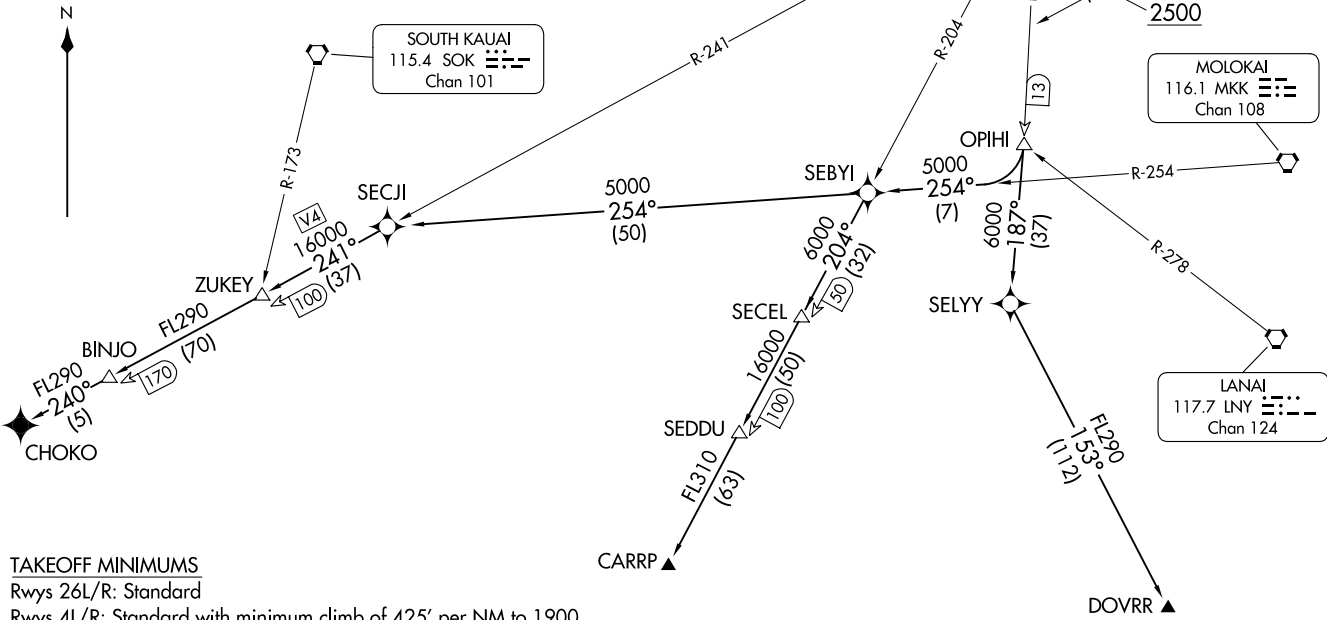


OPIHI THREE DEPARTURE  
(OPHI3.OPHI) 25FEB21

HCF APPROACH  
118.3 269.0  
D-ATIS  
127.9 251.15  
CLINC DEL  
121.4 281.4  
GND CON  
121.9 348.6  
HONOLULU TOWER  
118.1 257.8  
123.9 273.575 (Rwy 8R/26L)

NOTE: Honolulu departures from Rwys 4L/R and 8L/R must complete right turn to assigned heading within 2 NM of departure end of runway. Cross CKH R-240 at or above 2500.

NOTE: Honolulu departures Rwys 26L/R left turn to assign heading must be completed within 2 NM of departure end of runway (HNL 3 DME).



TAKEOFF MINIMUMS  
Rwys 26L/R: Standard  
Rwys 4L/R: Standard with minimum climb of 425' per NM to 1900.  
Rwy 8L: Standard with minimum climb of 305' per NM to 1300.  
Rwy 8R: Standard with minimum climb of 296' per NM to 500.

(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

(OPHI3.OPHI) 23334  
OPIHI THREE DEPARTURE

AL-754 (FAA)

DANIEL K INOUE INTL (HNL) (P(HNL))  
HONOLULU, HAWAII



DEPARTURE ROUTE DESCRIPTION

Turn right/left to heading assigned by Tower, expect vectors to OPIHI, maintain 5000; then on (transition). Expect clearance to enroute altitude/flight level at OPIHI.

CARRP TRANSITION (OPIHI3.CARRP): From over OPIHI right turn to intercept MKK R-254 to SEBYI, then on HNL R-204 to CARRP.

CHOKO TRANSITION (OPIHI3.CHOKO): From over OPIHI right turn to intercept MKK R-254 to SECJI, then on HNL R-241 to BINJO, then on track 240° to CHOKO.


DOVRR TRANSITION (OPIHI3.DOVRR): From over OPIHI on HNL R-187 to SELYY, then on track 153° to DOVRR.


PAC, 25 JAN 2024 to 21 MAR 2024


PAC, 25 JAN 2024 to 21 MAR 2024


NOTE: Departures from Runways 4L/R and 8L/R must complete right turn to assigned heading within 2 NM of runway departure end. Cross CKH R-240 at or above 2500.  
NOTE: Departures Runways 26L/R must complete left turn to assign heading within 2 NM of runway departure end (HNL 3 DME).

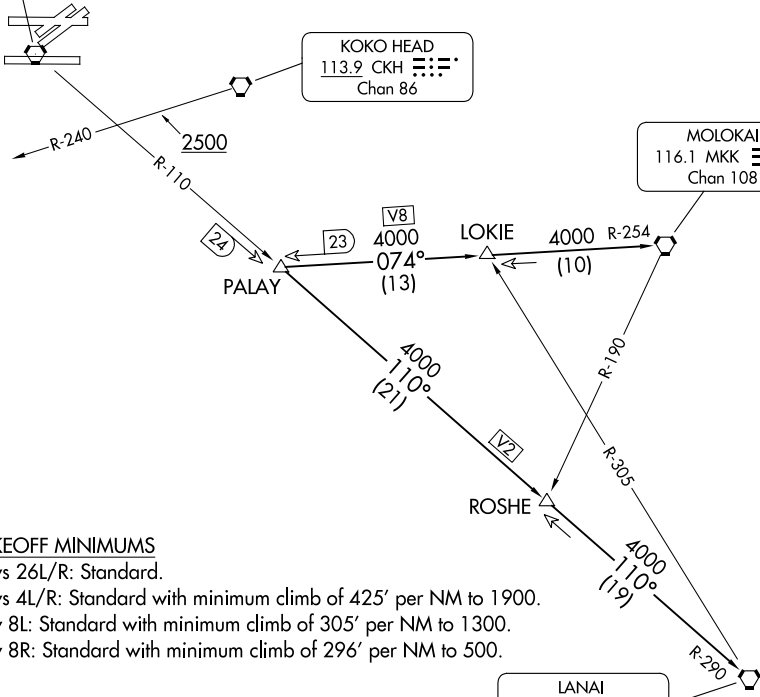
HCF APPROACH  
124.8 317.6  
D-ATIS  
127.9 251.15  
CLNC DEL  
121.4 281.4  
GND CON  
121.9 348.6  
HONOLULU TOWER  
118.1 257.8  
123.9 273.575 (Rwy 8R/26L)

HONOLULU  
114.8 HNL   
Chan 95

KOKO HEAD  
113.9 CKH   
Chan 86

MOLOKAI  
116.1 MKK   
Chan 108

LANAI  
117.7 LNY   
Chan 124



TAKEOFF MINIMUMS

Rwys 26L/R: Standard.  
Rwys 4L/R: Standard with minimum climb of 425' per NM to 1900.  
Rwy 8L: Standard with minimum climb of 305' per NM to 1300.  
Rwy 8R: Standard with minimum climb of 296' per NM to 500.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

Turn right/left to heading assigned by Tower, expect vectors to PALAY, maintain 5000; then on (transition). Expect clearance to enroute altitude/flight level at LNY VORTAC.

LANAI TRANSITION (PALAY3.LNY): From over PALAY INT on HNL R-110 and LNY R-290 to LNY VORTAC.

MOLOKAI TRANSITION (PALAY3.MKK): From over PALAY INT on MKK R-254 to MKK VORTAC.

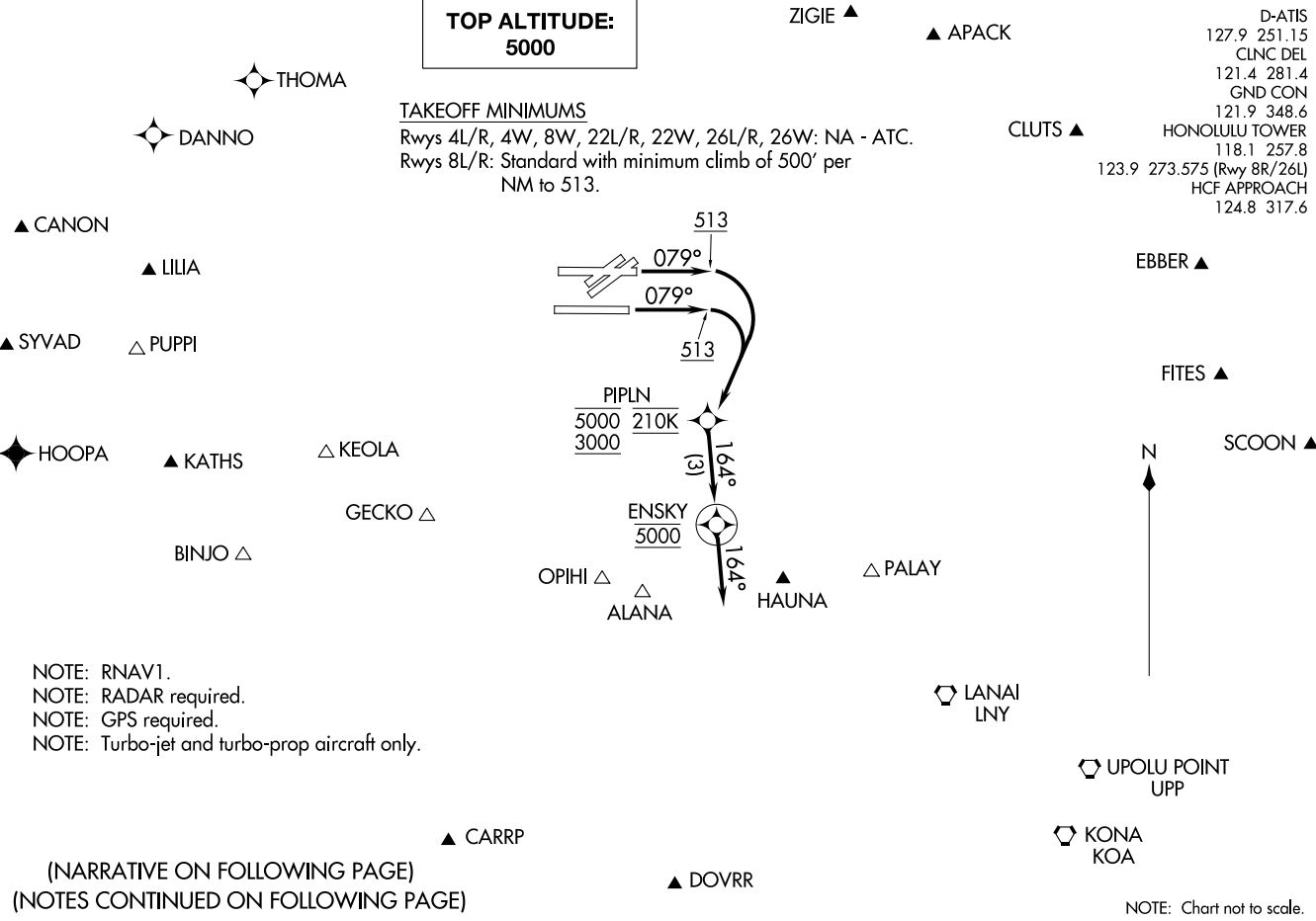
PIPLN ONE DEPARTURE (RNAV)  
(PPLN1, PPLN) 30ANZ0

DANIEL K INOUE INTL (HNL) (PHNL)  
HONOLULU, HAWAII

**TOP ALTITUDE:  
5000**

TAKEOFF MINIMUMS

Rwys 4L/R, 4W, 8W, 22L/R, 22W, 26L/R, 26W: NA - ATC.  
Rwys 8L/R: Standard with minimum climb of 500' per NM to 513.



- NOTE: RNAV1.
- NOTE: RADAR required.
- NOTE: GPS required.
- NOTE: Turbo-jet and turbo-prop aircraft only.

(NARRATIVE ON FOLLOWING PAGE)  
(NOTES CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

(PPLN1, PPLN) 20030  
PIPLN ONE DEPARTURE (RNAV)

AL-754 (FAA)  
DANIEL K INOUE INTL (HNL) (PHNL)  
HONOLULU, HAWAII



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 8L/R: Climb on heading 079° to 513, then right turn direct PIPLN between 3000 and 5000 at 210K, thence. . . .

. . . .on track 164° to ENSKY, then on track 164° for RADAR vectors to assigned route/fix, maintain 5000 or as assigned by ATC. Expect clearnace to filed altitude/flight level within 10 minutes after departure.

- NOTE: ALANA departures expect direct/vectors to ALANA/V8/V16/V20/V21.
- NOTE: APACK departures expect direct/vectors to APACK/R463.
- NOTE: BINJO departures expect direct/vectors to BINJO/R584/B326.
- NOTE: CANON departures expect direct/vectors to CANON/V15.
- NOTE: CARRP departures expect direct/vectors to CARRP/A579.
- NOTE: CLUTS departures expect direct/vectors to CLUTS/R465.
- NOTE: DANNO departures expect direct/vectors to DANNO.
- NOTE: DOVRR departures expect direct/vectors to DOVRR/B596.
- NOTE: EBBER departures expect direct/vectors to EBBER/R577.
- NOTE: FITES departures expect direct/vectors to FITES/R578.
- NOTE: GECKO departures expect direct/vectors to GECKO/V4/V12/V16.
- NOTE: HAUNA departures expect direct/vectors to HAUNA/V8/V16/V20/V21/LNY.
- NOTE: HOOPA departures expect direct/vectors to HOOPA/A450.
- NOTE: KATHS departures expect direct/vectors to KATHS/A450.
- NOTE: KEOLA departures expect direct/vectors to KEOLA/A16.
- NOTE: KOA departures expect direct/vectors to KOA.
- NOTE: LILIA departures expect direct/vectors to LILIA/V15.
- NOTE: LNY departures expect direct/vectors to LNY.
- NOTE: OPIHI departures expect direct/vectors to OPIHI/V8/V16/V20/V21.
- NOTE: PALAY departures expect direct/vectors to PALAY/V2/V8/LNY.
- NOTE: PUPPI departures expect direct/vectors to PUPPI/V16.
- NOTE: SCOON departures expect direct/vectors to SCOON.
- NOTE: SYVAD departures expect direct/vectors to SYVAD/V16.
- NOTE: THOMA departures expect direct/vectors to THOMA.
- NOTE: UPP departures expect direct/vectors to UPP.
- NOTE: ZIGIE departures expect direct/vectors to ZIGIE/A331.

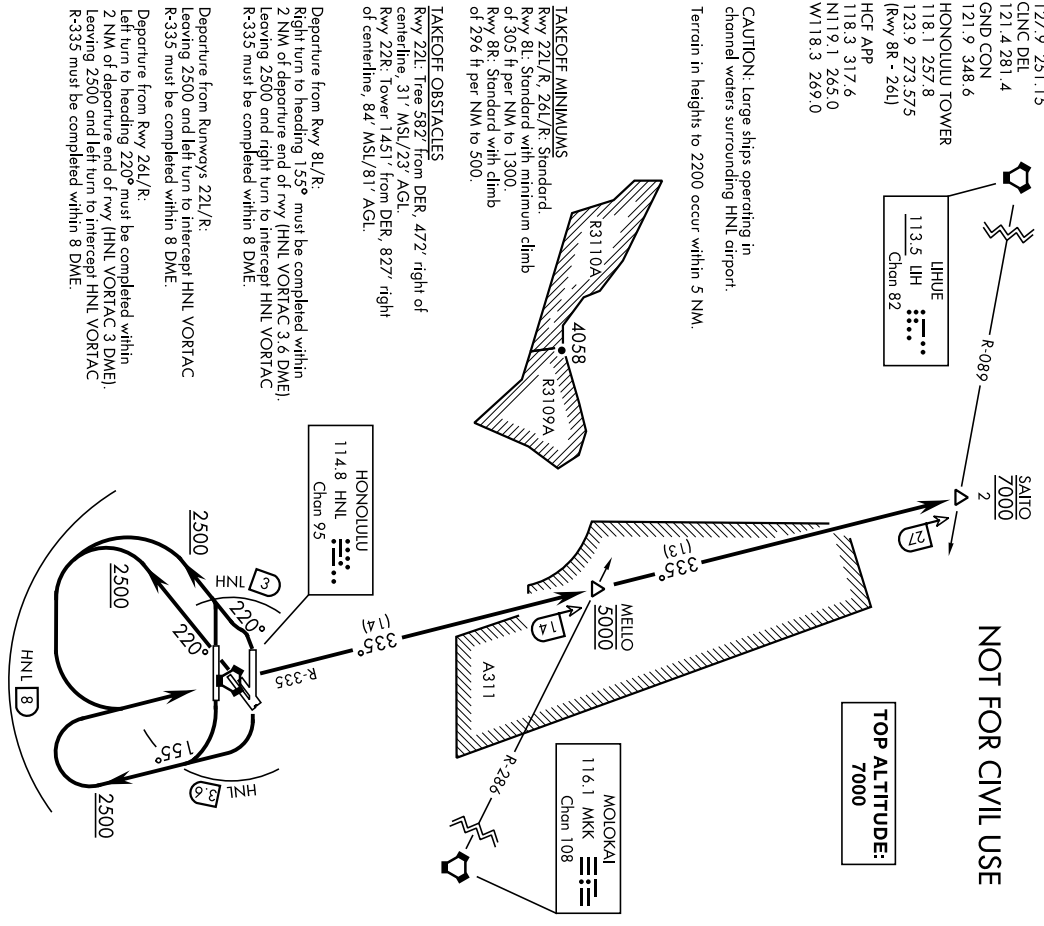
PAC, 25 JAN 2024 to 21 MAR 2024

PAC, 25 JAN 2024 to 21 MAR 2024

DME required

- D-ATIS 127.9 251.15
- CLNC DEL 121.4 281.4
- GND CON 121.9 348.6
- HONOULIU TOWER 118.1 257.8
- 123.9 273.575 (Rwy 8R - 26L)
- HCF APP 118.3 317.6
- N119.1 265.0
- W118.3 269.0

CAUTION: Large ships operating in channel waters surrounding HNL airport.  
Terrain in heights to 2200 occur within 5 NM.



**TAKEOFF MINIMUMS**

Rwy 22L/R, 26L/R: Standard Rwy 8L: Standard with minimum climb of 305 ft per NM to 1300.  
Rwy 8R: Standard with climb of 296 ft per NM to 500.

**TAKEOFF OBSTACLES**

Rwy 22L: Tree 582' from DER, 472' right of centerline, 31' MSL/23' AGL.  
Rwy 22R: Tower 1451' from DER, 827' right of centerline, 84' MSL/81' AGL.

**Departure from Rwy 8L/R:**

Right turn to heading 155° must be completed within 2 NM of departure end of rwy (HNL VORTAC 3.6 DME).  
Leaving 2500 and right turn to intercept HNL VORTAC R-335 must be completed within 8 DME.

**Departure from Runways 22L/R:**

Leaving 2500 and left turn to intercept HNL VORTAC R-335 must be completed within 8 DME.

**Departure from Rwy 26L/R:**

Left turn to heading 220° must be completed within 2 NM of departure end of rwy (HNL VORTAC 3.6 DME).  
Leaving 2500 and left turn to intercept HNL VORTAC R-335 must be completed within 8 DME.

**DEPARTURE ROUTE DESCRIPTION**

TAKEOFF RUNWAYS 8L/R: Climbing right turn heading 155° to 2500, then climbing right turn to HNL VORTAC and on HNL R-335 to cross MELLO at 5000. Thence....

TAKEOFF RUNWAYS 22L/R: Climb heading 220° to 2500, then climbing left turn to HNL VORTAC and on HNL R-335 to cross MELLO at 5000. Thence....

TAKEOFF RUNWAYS 26L/R: Climbing left turn heading 220° to 2500, then climbing left turn to HNL VORTAC and on HNL R-335 to cross MELLO at 5000. Thence....

... continue on HNL R-335 to cross SAITO at 7000, expect clearance to enroute altitude at SAITO.

HOT SPOTS

An "airport surface hot spot" is a location on an aerodrome movement area with a history or potential risk of collision or runway incursion, and where heightened attention by pilots/drivers is necessary.

A "hot spot" is a runway safety related problem area on an airport that presents increased risk during surface operations. Typically it is a complex or confusing taxiway/taxiway or taxiway/runway intersection. The area of increased risk has either a history of or potential for runway incursions or surface incidents, due to a variety of causes, such as but not limited to: airport layout, traffic flow, airport marking, signage and lighting, situational awareness, and training. Hot spots are depicted on airport diagrams as open circles or polygons designated as "HS 1", "HS 2", etc. and tabulated in the list below with a brief description of each hot spot. Hot spots will remain charted on airport diagrams until such time the increased risk has been reduced or eliminated.

CITY/AIRPORT	HOT SPOT	DESCRIPTION*
HONOLULU, HI DANIEL K INOUYE INTL (HNL) (PHNL)	HS 1	Aircraft Idg Rwy 04R and exiting left onto Twy K, sometimes fail to hold short of Rwy 04L-22R and Rwy 08L-26R. When holding short, ATC is aware the aircraft tail is encroaching the Idg rwy.
	HS 2	Aircraft proceeding north or south on Twy E and instructed to turn onto Twy B sometimes miss the turn onto Twy B and enter Rwy 08L-26R or 04L-22R without clearance.
	HS 3	Twy V, Twy T, Twy A and Twy J in close proximity to Rwy 08L.
	HS 4	Minimal distance between rwy hold short lines between Rwy 04L-22R/Rwy 04R-22L.
KAHULUI, HI KAHULUI (OGG) (PHOG)	HS 1	Rwy 05, Twy A, Twy F, and Twy G.
	HS 2	Rwy 02-20, Twy E and the ramp.
	HS 3	Twy A, Rwy 05-23
KAILUA/KONA, HI ELLISON ONIZUKA KONA INTL AT KEAHOLE (KOA) (PHKO)	HS 1	Extensive helicopter operations on Twy A abeam ramp K.
	HS 2	Extensive helicopter operations on Twy A south of Twy C.
KAUNAKAKAI, HI MOLOKAI (MKK)(PHMK)	HS 1	Area not visible from control tower.

\*See appropriate Chart Supplement HOT SPOT table for additional information.

25 JAN 2024 to 21 MAR 2024

25 JAN 2024 to 21 MAR 2024

LOC/DME I-HNL <b>111.7</b> Chan <b>54</b>	APP CRS <b>079°</b>	Rwy Idg <b>12312</b> TDZE <b>13</b> Apt Elev <b>13</b>
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# ILS RWY 8L

DANIEL K INOUEY INTL (HNL) (PHNL)

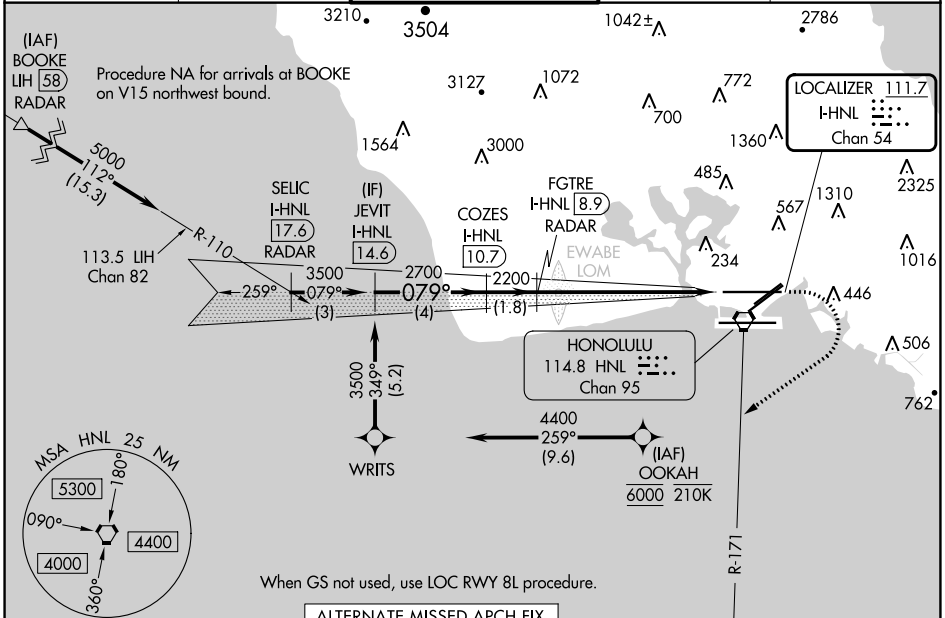
From OOKAH: RNAV 1-GPS required. DME or RADAR required.

MAISR

MISSED APPROACH: Climb to 500 then climbing right turn to 5000 on HNL VORTAC R-171 to ALANA INT/HNL 13.9 DME and hold, continue climb-in-hold to 5000.

For inop ALS, increase Cat E visibility to 3/4 SM. OOKAH transition NA for Cat E aircraft.

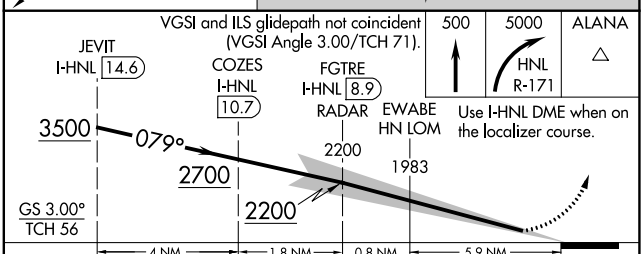
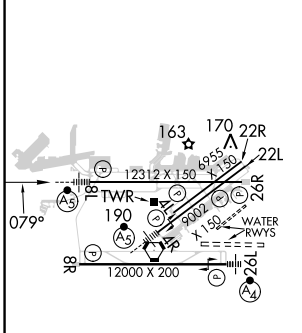
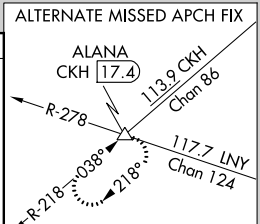
D-ATIS <b>127.9 251.15</b>	HCF APPROACH <b>118.3 269.0</b>	HONOLULU TOWER <b>118.1 257.8</b> <b>123.9 273.575</b> (Rwy 8R/26L)	GND CON <b>121.9 348.6</b>	CLNC DEL <b>121.4 281.4</b>
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PAC, 25 JAN 2024 to 21 MAR 2024

PAC, 25 JAN 2024 to 21 MAR 2024

ELEV 13	<b>D</b>	TDZE 13
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MIRL Rwy 4L-22R REIL Rwy 4L, 8R, 22L, 22R, and 26R HIRL Rwy 4R-22L, 8L-26R, and 8R-26L	CATEGORY	A	B	C	D	E
	S-ILS 8L	213-1/2 200 (200-1/2)				



LOC/DME I-HUM <b>110.5</b> Chan <b>42</b>	APP CRS <b>042°</b>	Rwy Idg <b>8950</b> TDZE <b>8</b> Apt Elev <b>13</b>
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# ILS Y RWY 4R

DANIEL K INOUEY INTL (HNL) (PHNL)

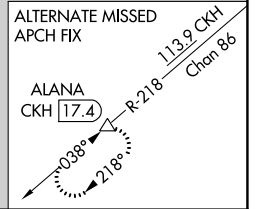
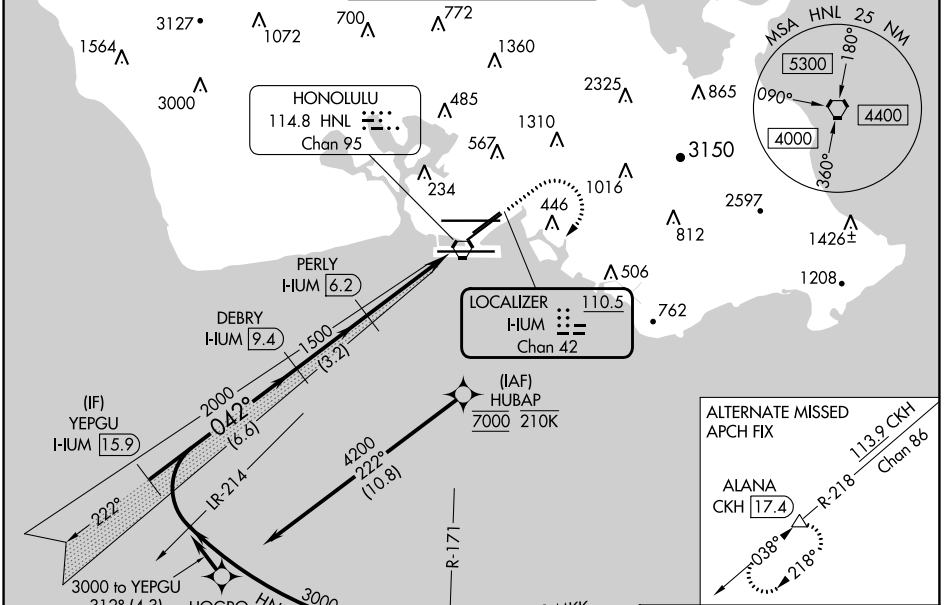
DME required. From HUBAP: RNAV 1-GPS required. DME or RADAR required for procedure entry.

For inop ALS, increase S-ILS 4R all Cats visibility to 7/8 SM.

MALSRS

MISSED APPROACH: Climb to 540 then climbing right turn to 3000 on heading 220° and on HNL VORTAC R-171 to ALANA INT/HNL 13.9 DME and hold. \*Missed approach requires minimum climb of 318 feet per NM to 1820. (If unable to meet climb gradient use S-ILS 4R minimums).

D-ATIS <b>127.9 251.15</b>	HCF APPROACH <b>118.3 269.0</b>	HONOLULU TOWER <b>118.1 257.8</b> <b>123.9 273.575</b> (Rwy 8R/26L)	GND CON <b>121.9 348.6</b>	CLNC DEL <b>121.4 281.4</b>
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Procedure NA for arrivals at ALANA on V16 eastbound.

(IF) YEPGU I-HUM [15.9]

DEBRY I-HUM [9.4]

PERLY I-HUM [6.2]

HONOLULU HNL [13.9] Arc

(IAF) ALANA HNL [13.9]

ALANA CKH [17.4]

116.1 MKK R-254 Chan 108

3000 to YEPGU 312° (4.3)

HOGRO

3127° 3000' 1072' 700' 772' 1360' 2325' 865' 3150' 2597' 812' 1426± 1208' 762'

5300' 4400' 4000'

MSA HNL 25 NM

090° 180° 360°

LOCALIZER I-HUM [110.5] Chan 42

PERLY HUM [6.2]

DEBRY I-HUM [9.4]

2000' 1500' 4200' 222° (16.8) (8.2) (10.8)

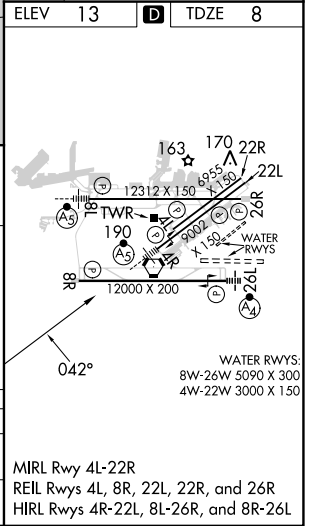
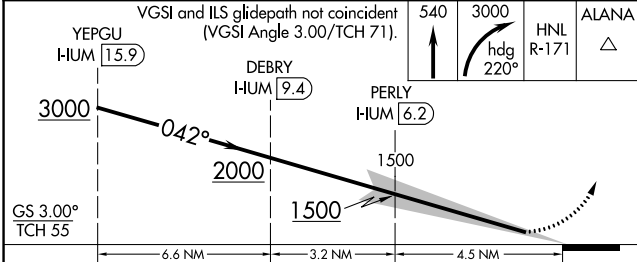
IR-21.4

222°

351° 171°

R-171

ELEV 13 TDZE 8



CATEGORY	A	B	C	D
S-ILS 4R*		258-1/2	250 (300-1/2)	
S-ILS 4R		308-1/2	299 (300-1/2)	

PAC, 25 JAN 2024 to 21 MAR 2024

PAC, 25 JAN 2024 to 21 MAR 2024

LOC/DME I-HUM <b>110.5</b> Chan <b>42</b>	APP CRS <b>042°</b>	Rwy Idg <b>8950</b> TDZE <b>8</b> Apt Elev <b>13</b>
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## ILS Z RWY 4R

DANIEL K INOUEY INTL (HNL) (PHNL)

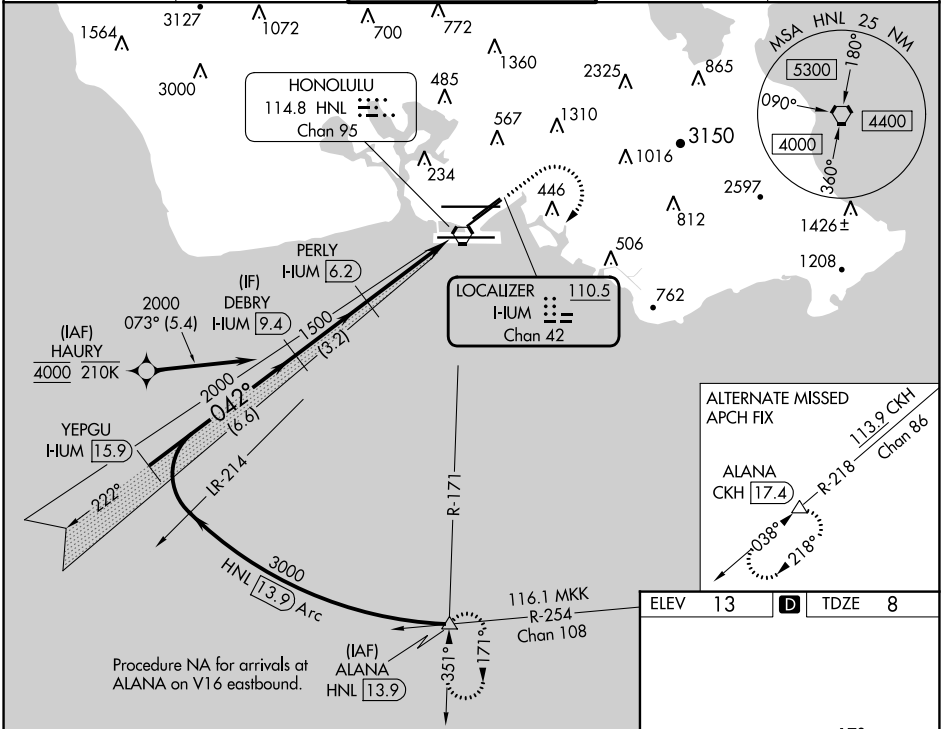
From HAURY: RNAV 1-GPS required. DME or RADAR required. DME or RADAR required for procedure entry.



**MISSED APPROACH:** Climb to 540, Cat E climb to 780 then climbing right turn to 3000 on heading 220° and on HNL VORTAC R-171 to ALANA INT/HNL VORTAC 13.9 DME and hold. \* Missed approach requires minimum climb of 318 feet per NM to 1820, (if unable to meet climb gradient use S-ILS 4R minimums).

HAURY transition NA for Cat E aircraft. For inop ALS, increase S-ILS 4R Cats A-D visibility to 3/4 SM, increase S-ILS 4R Cat E visibility to 1 1/2 SM.

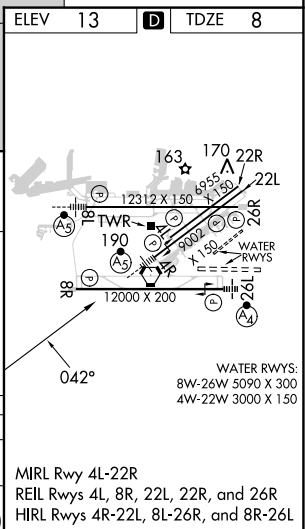
D-ATIS <b>127.9 251.15</b>		HCF APPROACH <b>118.3 269.0</b>		HONOLULU TOWER <b>118.1 257.8</b> <b>123.9 273.575</b> (Rwy 8R/26L)	GND CON <b>121.9 348.6</b>	CLNC DEL <b>121.4 281.4</b>
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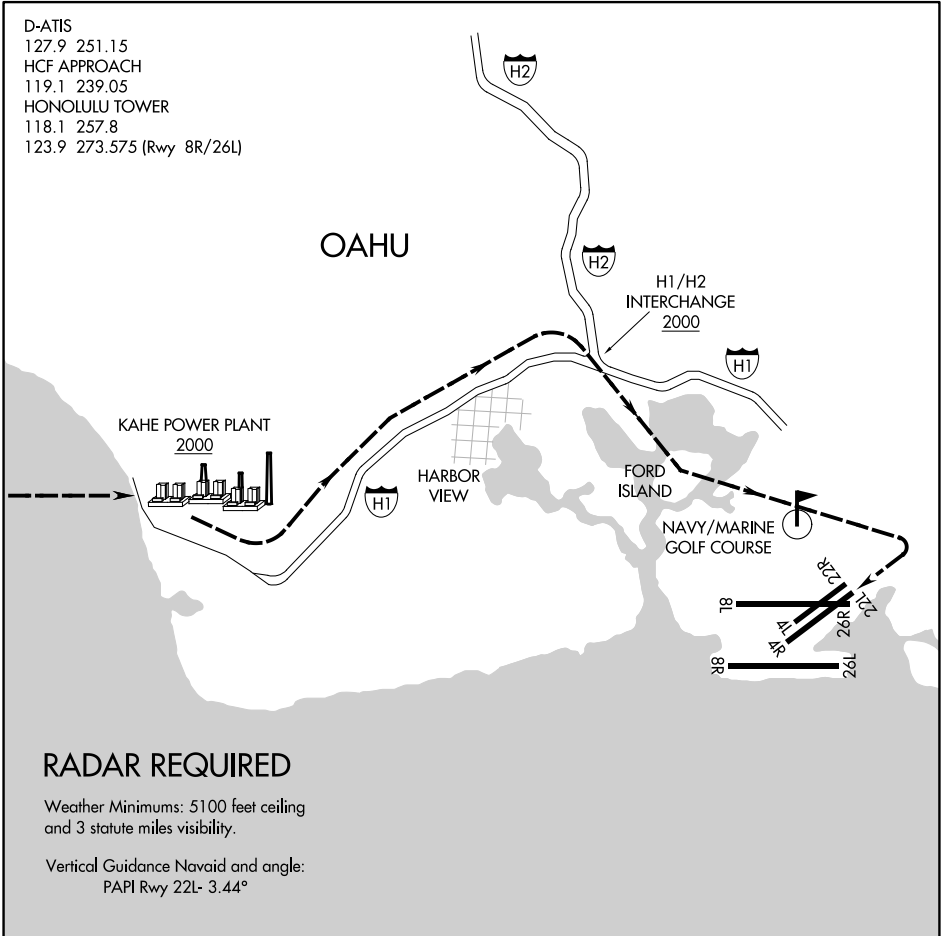
PAC, 25 JAN 2024 to 21 MAR 2024

PAC, 25 JAN 2024 to 21 MAR 2024

VGS and ILS glidepath not coincident (VGS Angle 3.00/TCH 71).					
YEPGU I-HUM 15.9	DEBRY I-HUM 9.4		PERLY I-HUM 6.2		HNL ALANA R-171
3000	2000	1500			
GS 3.00° TCH 55					
6.6 NM		3.2 NM		4.5 NM	
CATEGORY	A	B	C	D	E
S-ILS 4R*		258-1/2	250 (300-1/2)		NA
S-ILS 4R		308-1/2	299 (300-1/2)		566-1 1/8 557 (600-1 1/8)



D-ATIS  
 127.9 251.15  
 HCF APPROACH  
 119.1 239.05  
 HONOLULU TOWER  
 118.1 257.8  
 123.9 273.575 (Rwy 8R/26L)



PAC, 25 JAN 2024 to 21 MAR 2024

PAC, 25 JAN 2024 to 21 MAR 2024

**RADAR REQUIRED**

Weather Minimums: 5100 feet ceiling and 3 statute miles visibility.

Vertical Guidance MSL and angle:  
 PAPI Rwy 22L- 3.44°

1 NM	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
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KAHE POWER PLANT VISUAL APPROACH RWY 22L

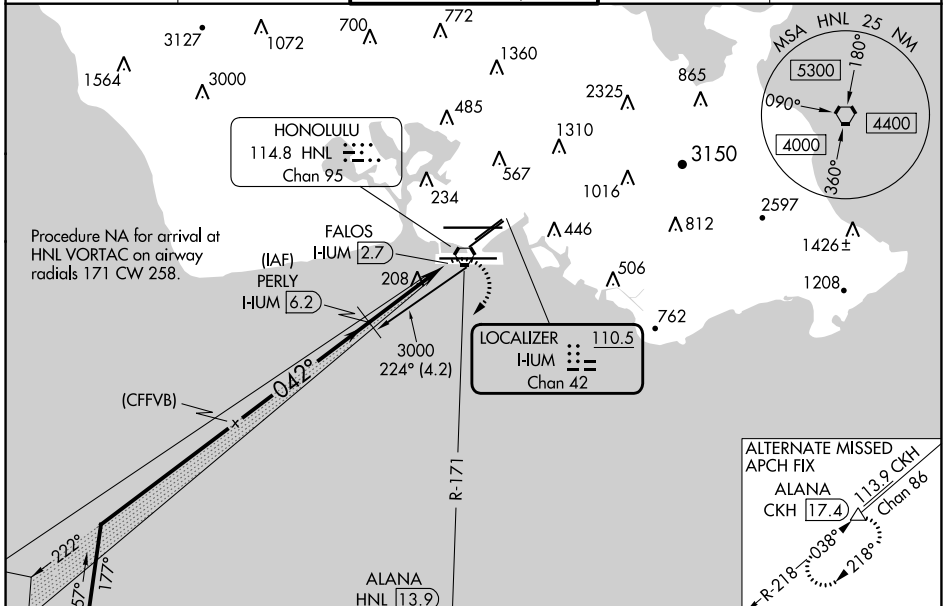
PROCEDURE NOT AUTHORIZED AT NIGHT  
 RESTRICTED TO CAT I AND CAT II AIRCRAFT ONLY  
 Pilots may expect landing Runway 22R.

LOC/DME I-HUM <b>110.5</b> Chan <b>42</b>	APP CRS <b>042°</b>	Rwy Idg TDZE Apt Elev <b>8950</b> <b>8</b> <b>13</b>
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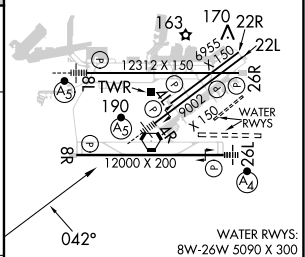
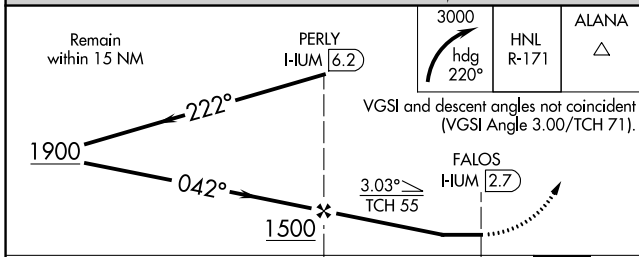
# LOC RWY 4R

DANIEL K INOUE INTL (HNL) (PHNL)

DME required.		MALSR MALS	MISSED APPROACH: Climbing right turn to 3000 on heading 220° and HNL VORTAC R-171 to ALANA INT/ HNL 13.9 DME and hold.	
Circling Rwy 22R NA at night. For inop ALS, increase Cat E visibility to 1 3/8 SM. Circling NA for Cats A and B northwest of Rwys 8L and 22R. Circling NA for Cats C and D north of Rwy 8L-26R. Circling NA to sea lanes 4W, 8W, 22W, and 26W.	HONOLULU TOWER <b>118.1 257.8</b> <b>123.9 273.575</b> (Rwy 8R/26L)		GND CON <b>121.9 348.6</b>	CLNC DEL <b>121.4 281.4</b>
D-ATIS <b>127.9 251.15</b>	HCF APPROACH <b>118.3 269.0</b>			



ELEV 13	<b>D</b> TDZE 8
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CATEGORY	A	B	C	D	E
S-4R	460-3/4	452 (500-3/4)	460-7/8	452 (500-7/8)	
<b>C</b> CIRCLING	680-1 1/4 667 (700-1 1/4)	760-1 1/4 747 (800-1 1/4)	820-2 1/4 807 (900-2 1/4)	1400-3 1387 (1400-3)	NA

MIRL Rwy 4L-22R  
 REIL Rwys 4L, 8R, 22L, 22R, and 26R  
 HIRL Rwys 4R-22L, 8L-26R, and 8R-26L


PAC, 25 JAN 2024 to 21 MAR 2024

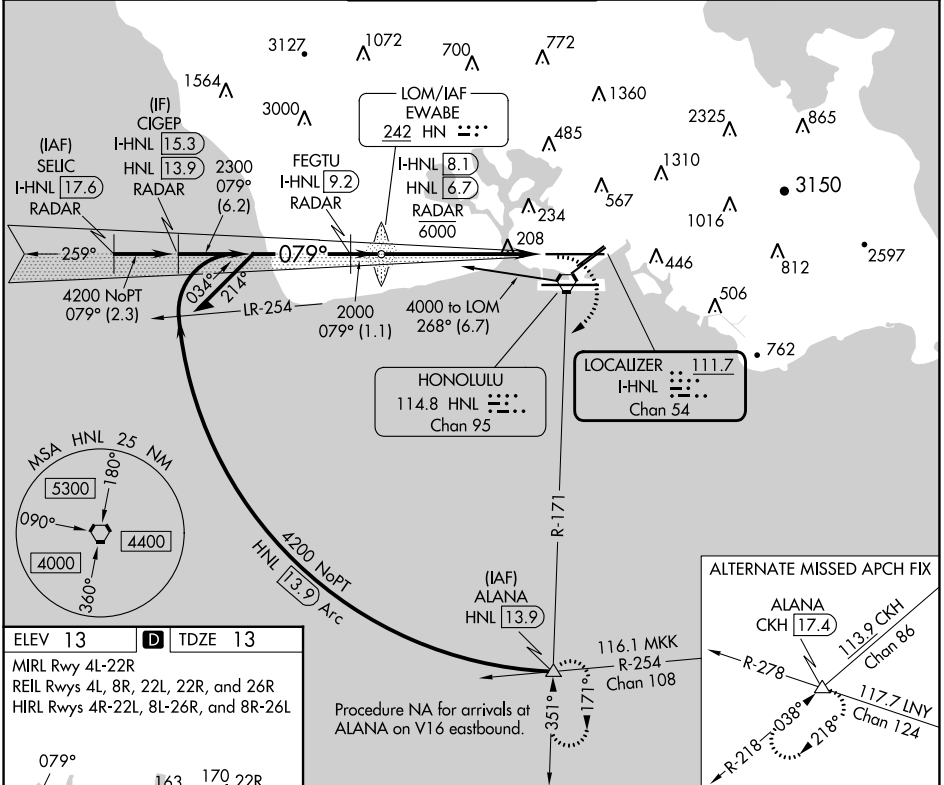
PAC, 25 JAN 2024 to 21 MAR 2024

LOC/DME I-HNL <b>111.7</b> Chan 54	APP CRS <b>079°</b>	Rwy Idg <b>12312</b> TDZE <b>13</b> Apt Elev <b>13</b>
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# LOC RWY 8L

## DANIEL K INOUYE INTL (HNL) (PHNL)

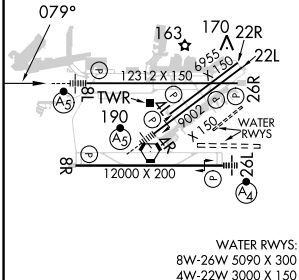
DME or RADAR required.			MALSRL 	MISSED APPROACH: Climbing right turn to 5000 on heading 200° and HNL VORTAC R-171 to ALANA INT/HNL 13.9 DME and hold, continue climb-in-hold to 5000.
⚠ Circling Rwy 22R NA at night. Circling NA for Cats A and B northwest of Rwys 8L and 22R. Circling NA for Cats C and D north of Rwy 8L-26R. Circling NA to sea lanes 4W, 8W, 22W, and 26W.				
D-ATIS <b>127.9 251.15</b>	HCF APPROACH <b>118.3 269.0</b>	HONOLULU TOWER <b>118.1 257.8</b> <b>123.9 273.575</b> (Rwy 8R/26L)	GND CON <b>121.9 348.6</b>	CLNC DEL <b>121.4 281.4</b>



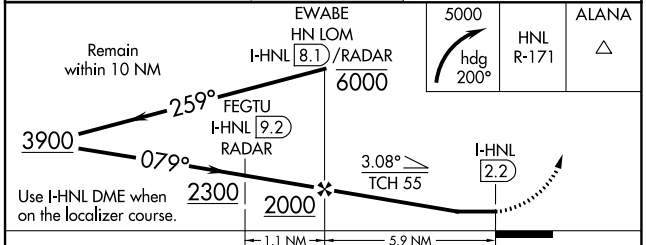
PAC, 25 JAN 2024 to 21 MAR 2024

PAC, 25 JAN 2024 to 21 MAR 2024

ELEV 13	<b>D</b>	TDZE 13
MIRL Rwy 4L-22R REIL Rws 4L, 8R, 22L, 22R, and 26R HIRL Rws 4R-22L, 8L-26R, and 8R-26L		



FAF to MAP 5.9 NM					
Knots	60	90	120	150	180
Min:Sec	5:54	3:56	2:57	2:22	1:58



CATEGORY	A	B	C	D
S-8L	460-1/2	447 (500-1/2)	460-7/8	447 (500-7/8)
<b>C</b> CIRCLING	680-1 667 (700-1)	760-1 747 (800-1)	820-2 1/4 807 (900-2 1/4)	1400-3 1387 (1400-3)

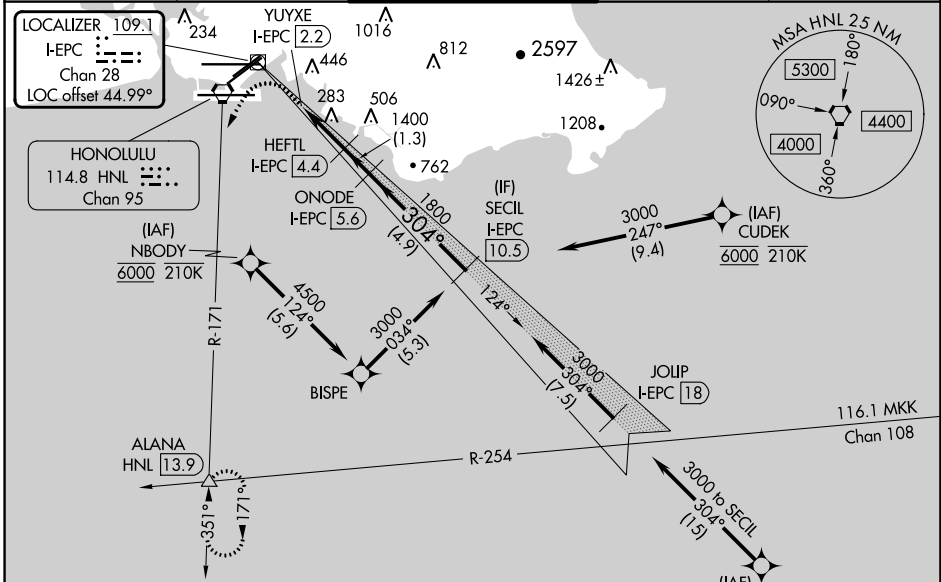
LOC/DME I-EPC <b>109.1</b> Chan 28	APP CRS <b>304°</b>	Rwy Idg <b>12000</b> TDZE <b>10</b> Apt Elev <b>13</b>
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# LDA RWY 26L

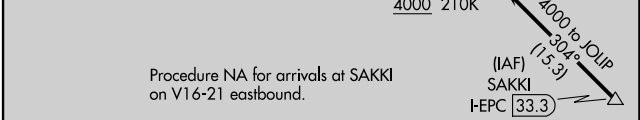
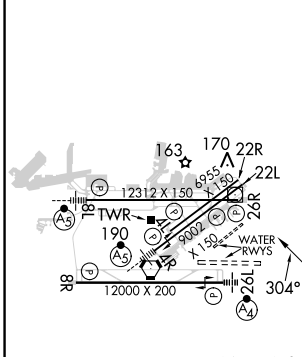
DANIEL K INOUE INTL (HNL) (PHNL)

DME required. From CUDEK, NBODY, SHLAE, SHLAE: RNAV 1-GPS required.		MALSF A4	MISSED APPROACH: Climb to 600 then climbing left turn to 3000 on HNL VORTAC R-171 to ALANA INT/ HNL 13.9 DME and hold.
<p><b>NA</b> Circling Rwy 22R NA at night. Circling NA to sea lanes 4W, 8W, 22W and 26W. NBODY transition, CUDEK transition, SHLAE transition NA for Cat E aircraft. Follow flasher lights to Rwy 26L. Procedure NA when ALS or SFL inop. Circling Cat E NA. Circling NA for Cats A and B northwest of Rwy 8L-22R. Circling NA for Cats C and D north of Rwy 8L-26R.</p>			

D-ATIS <b>127.9 251.15</b>	HCF APPROACH <b>118.3 269.0</b>	HONOLULU TOWER <b>118.1 257.8</b> <b>123.9 273.575</b> (Rwy 8R/26L)	GND CON <b>121.9 348.6</b>	CLNC DEL <b>121.4 281.4</b>
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ELEV 13	<b>D</b>	TDZE 10
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600	3000	ALANA	VGSi and descent angles not coincident (VGSi Angle 3.00/TCH 75).		
HNL R-171			HEFTL I-EPC 4.4	ONODE I-EPC 5.6	SECIL I-EPC 10.5
Use I-EPC DME when on the localizer course.					
YUYXE I-EPC 2.2	3.10° TCH 60		304°	1800	3000

CATEGORY	A	B	C	D	E
S-LDA 26L	600-2 590 (600-2)				
<b>C</b> CIRCLING	680-2¼ 667 (700-2¼)	760-2¼ 747 (800-2¼)	820-2¼ 807 (900-2¼)	1400-3 1387 (1400-3)	NA

PAC, 25 JAN 2024 to 21 MAR 2024

PAC, 25 JAN 2024 to 21 MAR 2024

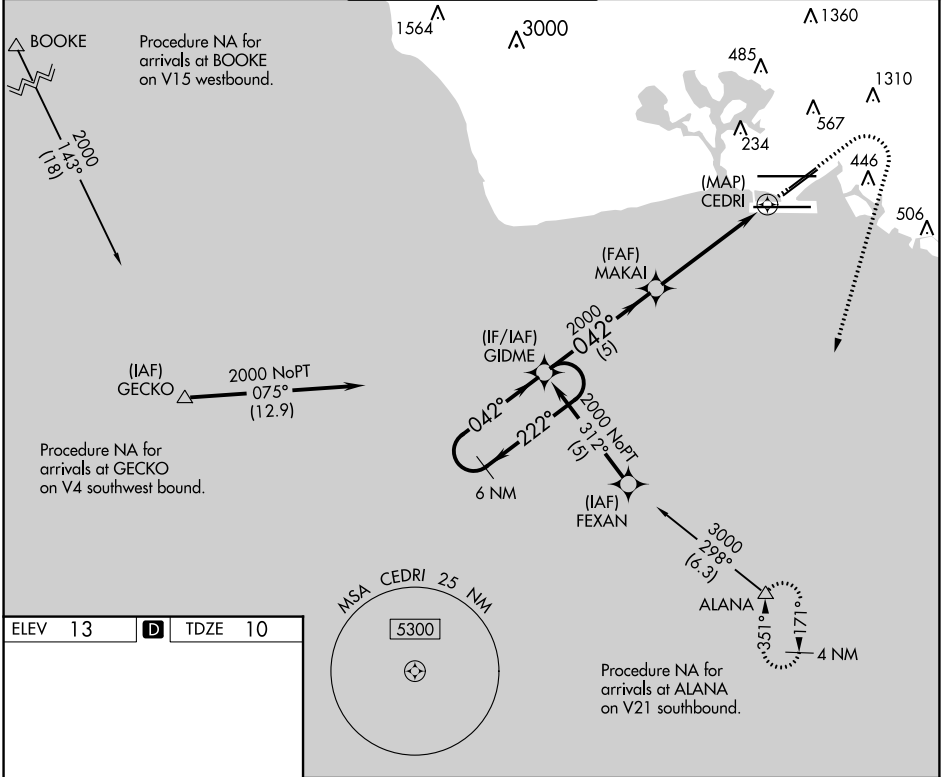
APP CRS	Rwy Idg	<b>6952</b>
<b>042°</b>	TDZE	<b>10</b>
	Apt Elev	<b>13</b>

# RNAV (GPS) RWY 4L

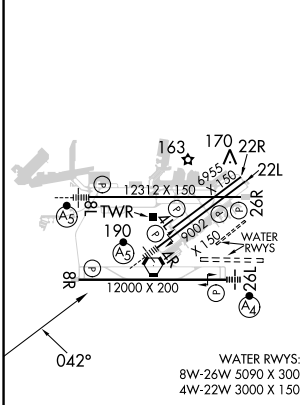
DANIEL K INOUEY INTL (HNL) (PHNL)

RNP APCH		<p><b>▼</b> Circling Rwy 22R NA at night. Circling NA for Cats A and B northwest of Rwys 8L and 22R. Circling NA for Cats C, D, and E north of Rwy 8L-26R. Circling NA to Sea Lanes 4W, 8W, 22W, and 26W. Rwy 4L helicopter visibility reduction below 3/4 SM NA.</p>		<p>MISSED APPROACH: Climb to 500 then climbing right turn to 3000 direct ALANA and hold.</p>	
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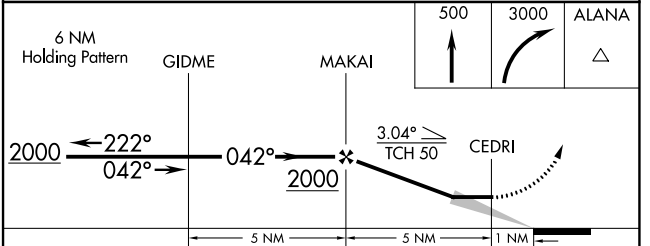
D-ATIS	HCF APPROACH	HONOLULU TOWER	GND CON	CLNC DEL
<b>127.9 251.15</b>	<b>118.3 269.0</b>	<b>118.1 257.8</b> <b>123.9 273.575</b> (Rwy 8R/26L)	<b>121.9 348.6</b>	<b>121.4 281.4</b>



ELEV 13	<b>D</b>	TDZE 10
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MIRL Rwy 4L-22R  
REIL Rwys 4L, 8R, 22L, 22R, and 26R  
HIRL Rwys 4R-22L, 8L-26R, and 8R-26L



CATEGORY	A	B	C	D	E
LNNAV MDA	460-1 1/4	450 (500-1 1/4)	460-1 3/8 450 (500-1 3/8)	460-1 1/2 450 (500-1 1/2)	980-3 970 (1000-3)
<b>C</b> CIRCLING	680-1 1/4	667 (700-1 1/4)	820-2 1/4 807 (900-2 1/4)	1400-3 1387 (1400-3)	1940-3 1927 (2000-3)

PAC, 25 JAN 2024 to 21 MAR 2024

PAC, 25 JAN 2024 to 21 MAR 2024

APP CRS	Rwy Idg	<b>12000</b>
<b>079°</b>	TDZE	<b>10</b>
	Apt Elev	<b>13</b>

# RNAV (GPS) RWY 8R

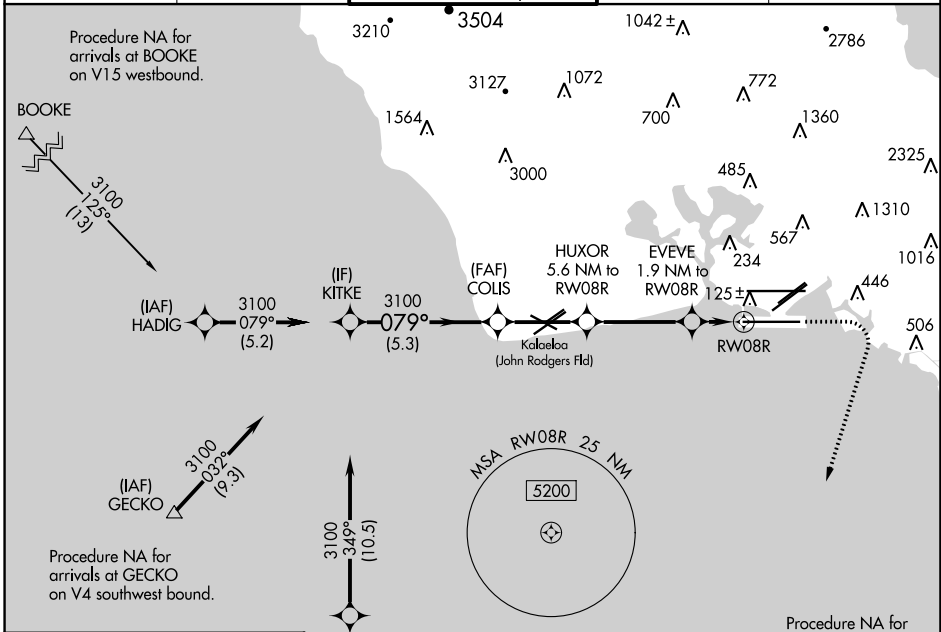
DANIEL K INOUEY INTL (HNL) (PHNL)

RNP APCH.

**▼** Circling Rwy 22R NA at night. Circling NA for Cats A and B northwest of Rws 8L and 22R. Circling NA for Cats C, D, and E north of Rwy 8L-26R. Circling NA to Sea Lanes 4W, 8W, 22W, and 26W. Cat E restricted to USAF/USN Aircraft.

**MISSED APPROACH:** Climb to 500 then climbing right turn to 3100 direct ALANA and hold, continue climb-in-hold to 3100.

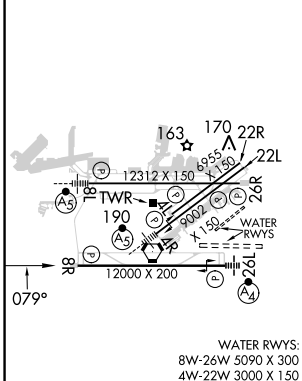
D-ATIS	HCF APPROACH	HONOLULU TOWER	GND CON	CLNC DEL
<b>127.9 251.15</b>	<b>118.3 269.0</b>	<b>118.1 257.8</b> <b>123.9 273.575 (Rwy 8R/26L)</b>	<b>121.9 348.6</b>	<b>121.4 281.4</b>



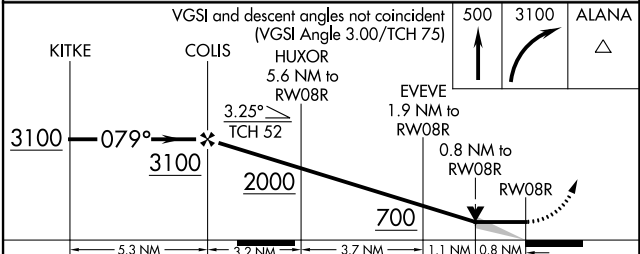
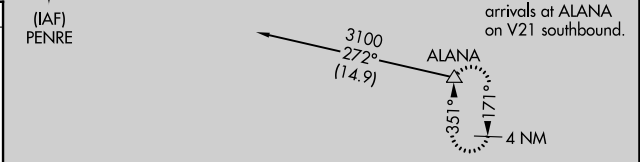
PAC, 25 JAN 2024 to 21 MAR 2024

PAC, 25 JAN 2024 to 21 MAR 2024

ELEV 13	<b>D</b>	TDZE 10
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MIRL Rwy 4L-22R	REIL Rws 4L, 8R, 22L, 22R, and 26R	HIRL Rws 4R-22L, 8L-26R, and 8R-26L
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CATEGORY	A	B	C	D	E
LNAV MDA	360-1 350 (400-1)				
<b>C</b> CIRCLING	680-1 667 (700-1)	760-1 747 (800-1)	820-2¼ 807 (900-2¼)	1340-3 1327 (1400-3)	2020-3 2007 (2100-3)



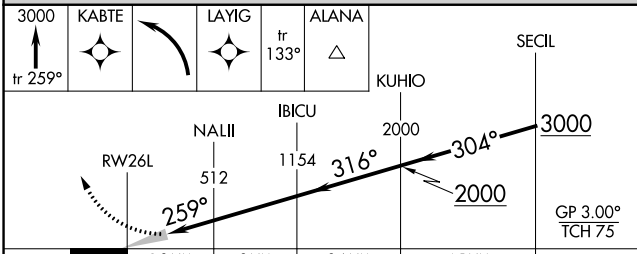
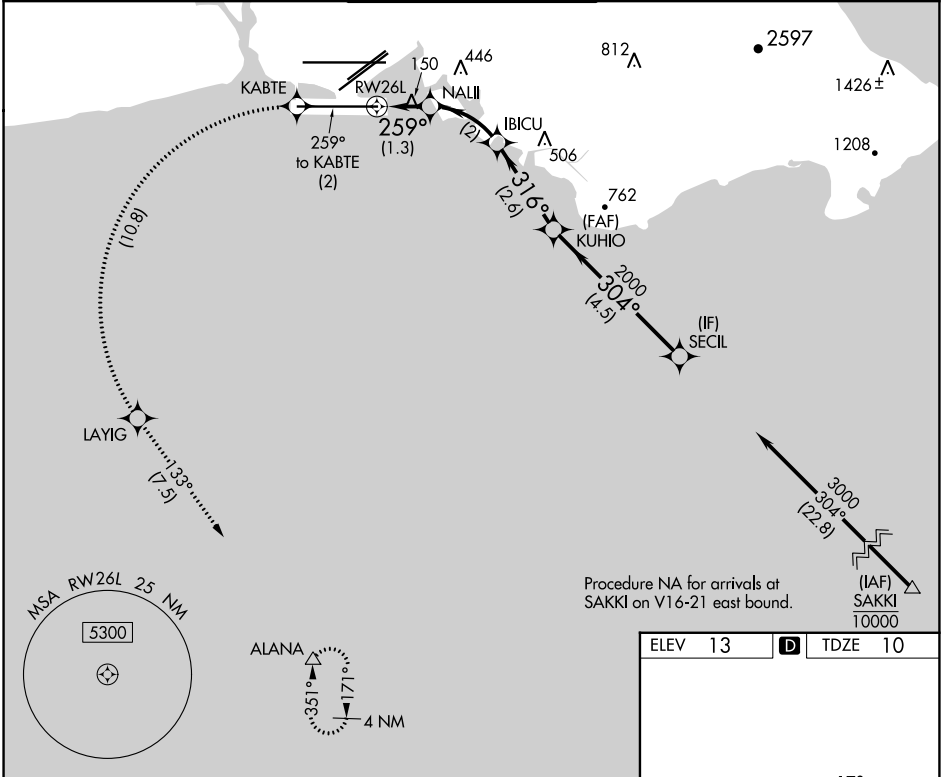
APP CRS	Rwy Idg	<b>12000</b>
<b>259°</b>	TDZE	<b>10</b>
	Apt Elev	<b>13</b>

# RNAV (RNP) RWY 26L

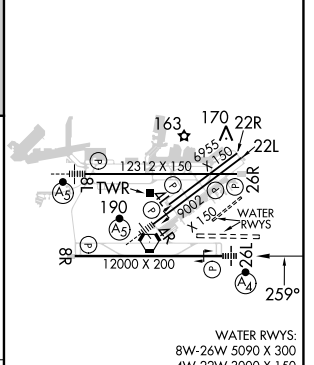
DANIEL K INOUYE INTL (HNL) (PHNL)

RNP AR APCH, RF required.		MALSF	MISSED APPROACH: Climb to 3000 on track 259° to KABTE, left turn to LAYIG, then track 133° to ALANA and hold. Missed approach requires minimum climb of 234 feet per NM to 300.
<p>▼ For uncompensated Baro-VNAV systems, procedure NA below 15°C (58°F) or above 53°C (128°F).</p> <p>▲ NA</p>			

D-ATIS	HCF APPROACH	HONOLULU TOWER	GND CON	CLNC DEL
<b>127.9 251.15</b>	<b>118.3 269.0</b>	<b>118.1 257.8</b> <b>123.9 273.575</b> (Rwy 8R/26L)	<b>121.9 348.6</b>	<b>121.4 281.4</b>



ELEV	13	D	TDZE	10
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CATEGORY	A	B	C	D
RNP 0.15 DA	260-3/4		250 (300-3/4)	

## AUTHORIZATION REQUIRED

MIRL Rwy 4L-22R  
REIL Rwy 4L, 8R, 22L, 22R, and 26R  
HIRL Rwy 4R-22L, 8L-26R, and 8R-26L

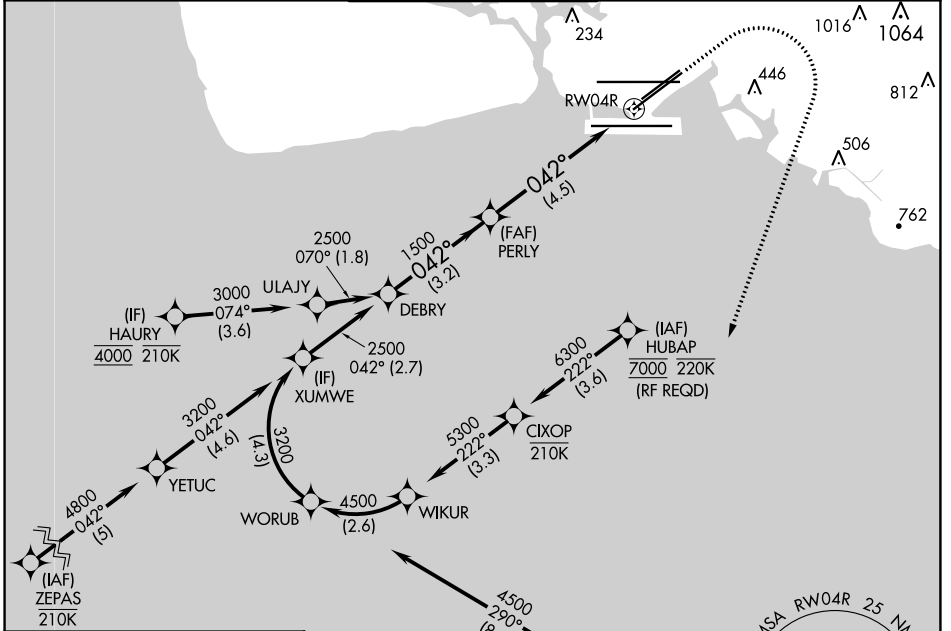
WATER RWYS:  
8W-26W 5090 X 300  
4W-22W 3000 X 150

APP CRS	Rwy Idg	<b>8950</b>
<b>042°</b>	TDZE	<b>9</b>
	Apt Elev	<b>13</b>

# RNAV (RNP) Z RWY 4R

DANIEL K INOUEY INTL (HNL) (PHNL)

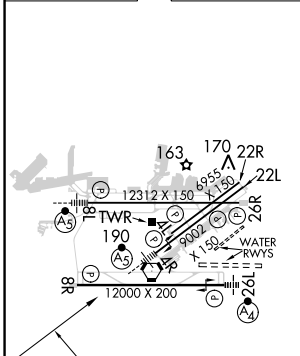
RNP AR APCH.		MALSR	MISSED APPROACH: Climb to 580 then climbing right turn to 3000 direct ALANA and hold.	
▼ For uncompensated Baro-VNAV systems, procedure NA below 17°C or above 54°C. For inop ALS, increase RNP 0.30 Cat A visibility to ¾ SM and Cat B to ½ SM.		AS		
D-ATIS	HCF APPROACH	HONOLULU TOWER	GND CON	CLNC DEL
<b>127.9 251.15</b>	<b>118.3 269.0</b>	<b>118.1 257.8</b> <b>123.9 273.575</b> (Rwy 8R/26L)	<b>121.9 348.6</b>	<b>121.4 281.4</b>



PAC, 25 JAN 2024 to 21 MAR 2024

PAC, 25 JAN 2024 to 21 MAR 2024

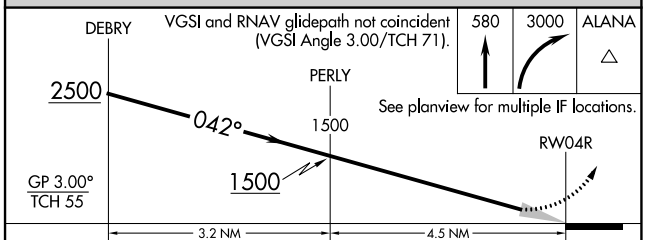
ELEV	<b>13</b>	<b>D</b>	TDZE	<b>9</b>
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WATER RWYS:  
8W-26W 5090 X 300  
4W-22W 3000 X 150

MIRL Rwy 4L-22R  
REIL Rwys 4L, 8R, 22L, 22R, and 26R  
HIRL Rwys 4R-22L, 8L-26R, and 8R-26L

Procedure NA for arrivals at ALANA on V8-21 southbound and on V16 southeast bound.



CATEGORY	A	B	C	D
RNP 0.30 DA	259-½ 250 (300-½)	277-½ 268 (300-½)	432-¾	423 (500-¾)

**AUTHORIZATION REQUIRED**

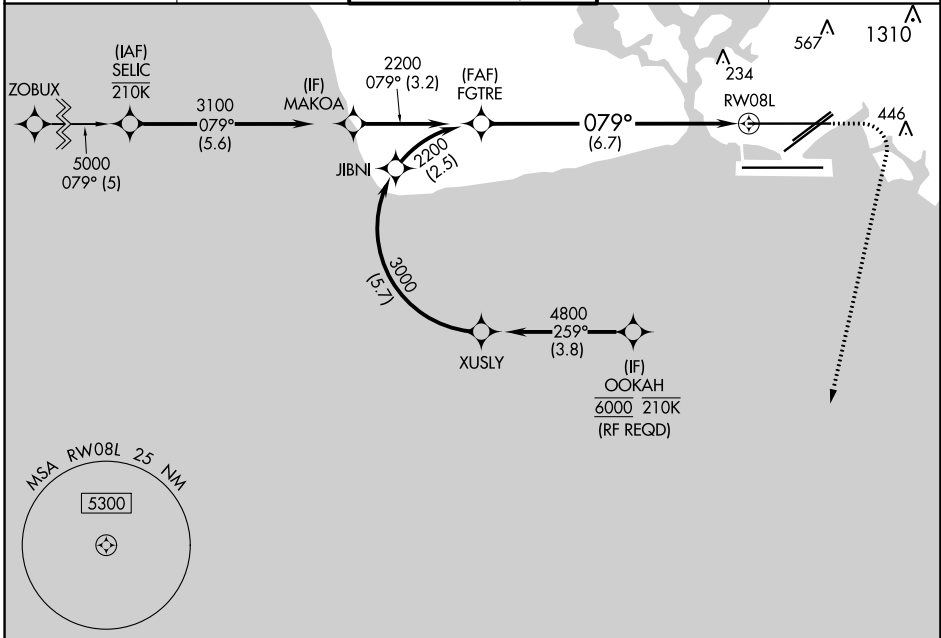
APP CRS	Rwy Idg	<b>12312</b>
<b>079°</b>	TDZE	<b>13</b>
	Apt Elev	<b>13</b>

# RNAV (RNP) Z RWY 8L

DANIEL K INOUEY INTL (HNL) (PHNL)

RNP AR APCH.	MALSR	MISSED APPROACH: Climb to 420 then climbing right turn to 3000 direct ALANA and hold.
▼ For uncompensated Baro-VNAV systems, procedure NA below 17°C or above 54°C.		

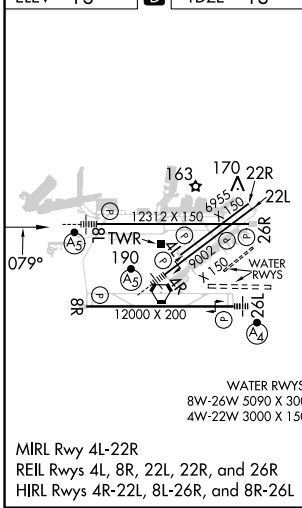
D-ATIS	HCF APPROACH	HONOLULU TOWER	GND CON	CLNC DEL
<b>127.9 251.15</b>	<b>118.3 269.0</b>	<b>118.1 257.8</b> <b>123.9 273.575 (Rwy 8R/26L)</b>	<b>121.9 348.6</b>	<b>121.4 281.4</b>



PAC, 25 JAN 2024 to 21 MAR 2024

PAC, 25 JAN 2024 to 21 MAR 2024

ELEV 13	<b>D</b>	TDZE 13
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<p>ALANA</p>			
MAKOA	VGSi and RNAV glidepath not coincident (VGSi Angle 3.00/TCH 71).		
3100	FGTR	2200	ALANA
See planview for multiple IF locations.			
GP 3.00°	3.2 NM	6.7 NM	RWY 8L
TCH 56			
CATEGORY	A	B	C
RNP 0.30 DA	343-½ 330 (400-½)		
<b>AUTHORIZATION REQUIRED</b>			

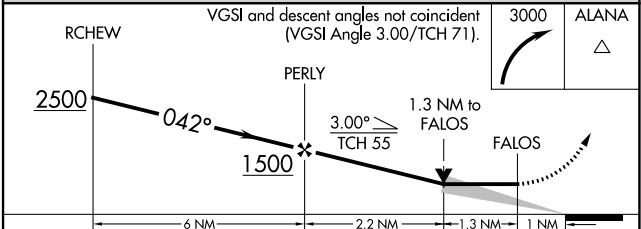
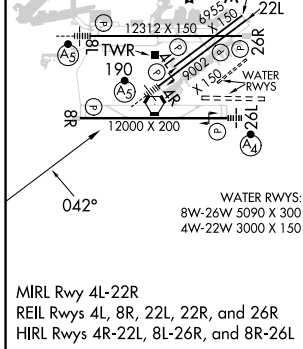
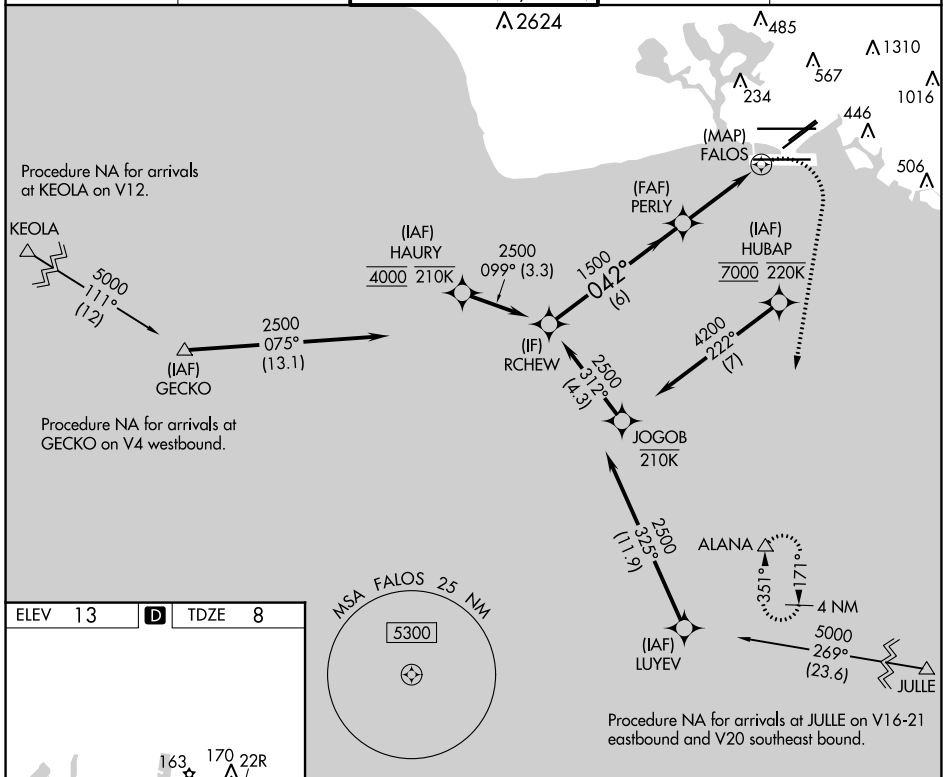
APP CRS	Rwy Idg	<b>8950</b>
<b>042°</b>	TDZE	<b>8</b>
	Apt Elev	<b>13</b>

# RNAV (GPS) Y RWY 4R

DANIEL K INOUEY INTL (HNL) (PHNL)

RNP APCH.	MALSR	MISSED APPROACH: Climbing right turn to 3000 direct ALANA and hold.
<p><b>▼</b> Circling Rwy 22R NA at night. Circling NA for Cats A and B northwest of Rwy 8L and 22R. Circling NA for Cats C and D north of Rwy 8L-26R. For inop ALS, increase LNAV Cat E visibility to 2 SM. Circling NA to sea lanes 4W, 8W, 22W, and 26W. HUBAP transition NA for Cat E aircraft. HAURY transition NA for Cat E aircraft.</p>		

D-ATIS	HCF APPROACH	HONOLULU TOWER	GND CON	CLNC DEL
<b>127.9 251.15</b>	<b>118.3 269.0</b>	<b>118.1 257.8</b> <b>123.9 273.575</b> (Rwy 8R/26L)	<b>121.9 348.6</b>	<b>121.4 281.4</b>



CATEGORY	A	B	C	D	E
LNAV MDA	460- <sup>3</sup> / <sub>4</sub>	452 (500- <sup>3</sup> / <sub>4</sub> )	460- <sup>7</sup> / <sub>8</sub>	452 (500- <sup>7</sup> / <sub>8</sub> )	460- <sup>1</sup> / <sub>4</sub> 452 (500- <sup>1</sup> / <sub>4</sub> )
<b>C</b> CIRCLING	680-1 <sup>1</sup> / <sub>4</sub> 667 (700-1 <sup>1</sup> / <sub>4</sub> )	760-1 <sup>1</sup> / <sub>4</sub> 747 (800-1 <sup>1</sup> / <sub>4</sub> )	820-2 <sup>1</sup> / <sub>4</sub> 807 (900-2 <sup>1</sup> / <sub>4</sub> )	1400-3 1387 (1400-3)	NA

PAC, 25 JAN 2024 to 21 MAR 2024

PAC, 25 JAN 2024 to 21 MAR 2024

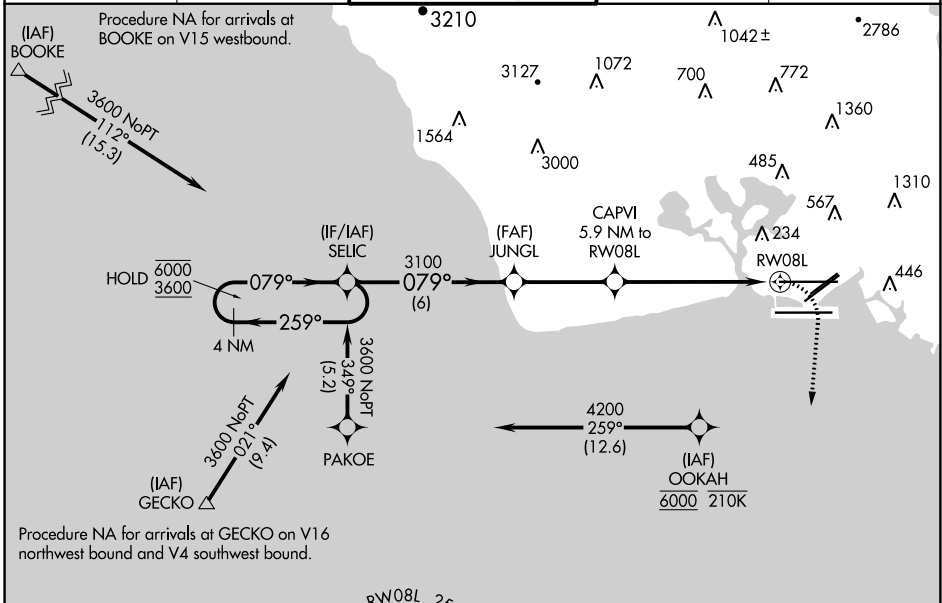
APP CRS	Rwy Idg <b>12312</b>
<b>079°</b>	TDZE <b>13</b>
	Apt Elev <b>13</b>

# RNAV (GPS) Y RWY 8L

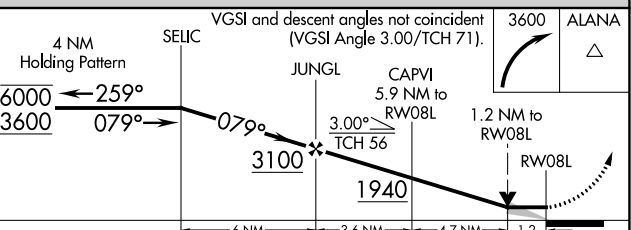
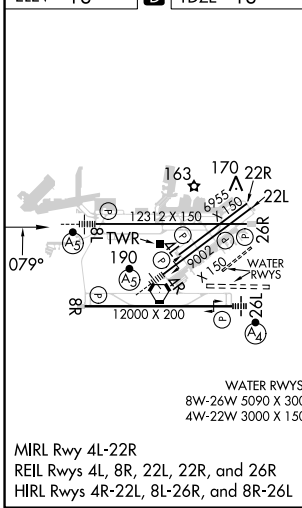
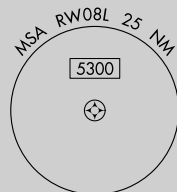
DANIEL K INOUEY INTL (HNL) (PHNL)

RNP APCH.	MALSR	MISSED APPROACH: Climbing right turn to 3600 direct ALANA and hold, continue climb-in-hold to 3600.
<p><b>▼</b> Circling Rwy 22R NA at night. For inop ALS, increase Cats C, D, and E visibility to 1 3/8 SM. Circling NA to sea lanes 4W, 8W, 22W, and 26W. Circling NA for Cats A and B northwest of Rwy 8L-22R. Circling NA for Cats C and D north of Rwy 8L-26R. OOKAH transition NA for Cat E aircraft.</p>		

D-ATIS	HCF APPROACH	HONOLULU TOWER	GND CON	CLNC DEL
<b>127.9 251.15</b>	<b>118.3 269.0</b>	<b>118.1 257.8</b> <b>123.9 273.575</b> (Rwy 8R/26L)	<b>121.9 348.6</b>	<b>121.4 281.4</b>



ELEV 13	<b>D</b>	TDZE 13
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CATEGORY	A	B	C	D	E
LNAV MDA	480-1/2	467 (500-1/2)	480-1	467 (500-1)	
<b>C</b> CIRCLING	680-1	667 (700-1)	820-2 1/4 807 (900-2 1/4)	1260-3 1247 (1300-3)	NA

PAC, 25 JAN 2024 to 21 MAR 2024

PAC, 25 JAN 2024 to 21 MAR 2024

VORTAC HNL <b>114.8</b> Chan <b>95</b>	APP CRS <b>018°</b>	Rwy Idg <b>8950</b> TDZE <b>8</b> Apt Elev <b>13</b>
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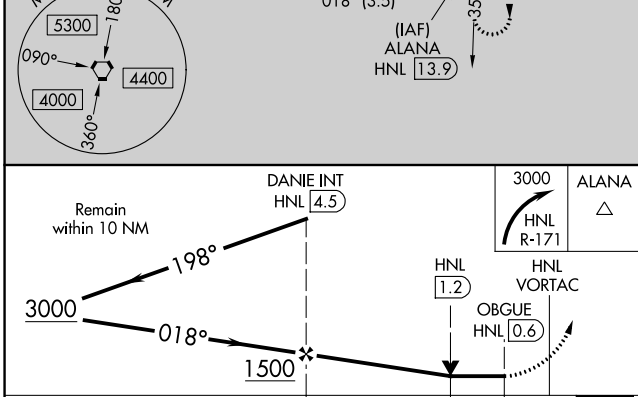
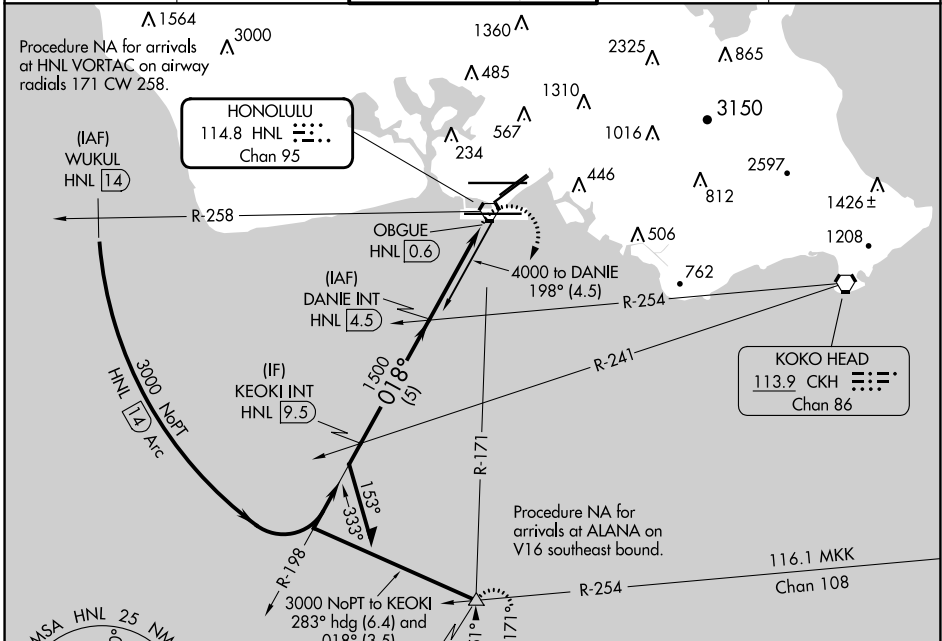
# VOR or TACAN RWY 4R

DANIEL K INOUYE INTL (HNL) (PHNL)

**▼** Circling Rwy 22R NA at night. Inop table does not apply. Circling NA for Cats A and B northwest of Rwy 8L and 22R. Circling NA for Cats C and D north of Rwy 8L-26R. Circling NA to sea lanes 4W, 8W, 22W, and 26W.

**⚠** MISSED APPROACH: Climbing right turn to 3000 on HNL VORTAC R-171 to ALANA INT/HNL 13.9 DME and hold.

D-ATIS <b>127.9 251.15</b>	HCF APPROACH <b>118.3 269.0</b>	HONOLULU TOWER <b>118.1 257.8</b> <b>123.9 273.575</b> (Rwy 8R/26L)	GND CON <b>121.9 348.6</b>	CLNC DEL <b>121.4 281.4</b>
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ELEV 13	TDZE 8
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MIRL Rwy 4L-22R  
REIL Rwy 4L, 8R, 22L, 22R, and 26R  
HIRL Rwy 4R-22L, 8L-26R, and 8R-26L

WATER RWYS: 8W-26W 5090 X 300, 4W-22W 3000 X 150

FAF to MAP 3.9 NM

Knots	60	90	120	150	180
Min:Sec	3:54	2:36	1:57	1:34	1:18

CATEGORY	A	B	C	D
S-4R	460-1	452 (500-1)	460-1½ 452 (500-1½)	460-1½ 452 (500-1½)
<b>C</b> CIRCLING	680-1¼ 667 (700-1¼)	760-1¼ 747 (800-1¼)	820-2¼ 807 (900-2¼)	1400-3 1387 (1400-3)

PAC, 25 JAN 2024 to 21 MAR 2024

PAC, 25 JAN 2024 to 21 MAR 2024

VORTAC HNL <b>114.8</b> Chan <b>95</b>	APP CRS <b>305°</b>	Rwy Idg TDZE Apt Elev	<b>N/A</b> <b>N/A</b> <b>13</b>
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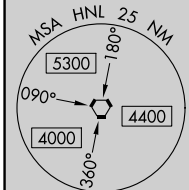
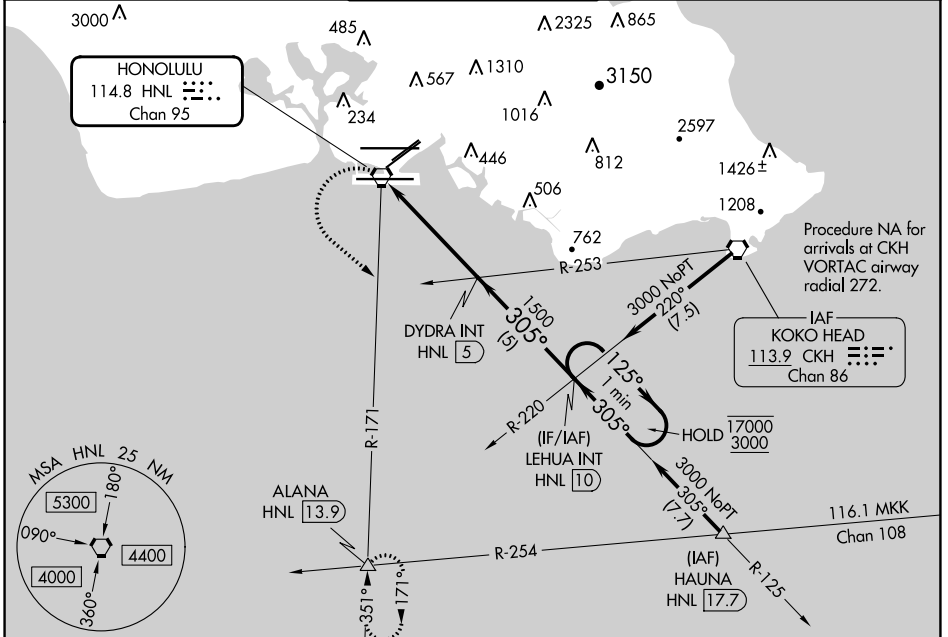
# VOR or TACAN-A

DANIEL K INOUEY INTL (HNL) (PHNL)

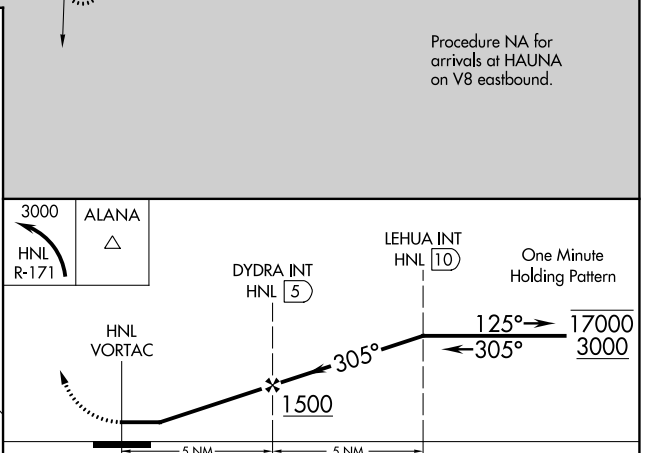
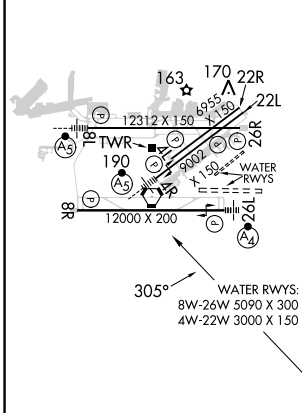
**▼** Circling Rwy 22R NA at night. Circling NA for Cats A and B northwest of Rwys 8L and 22R. Circling NA for Cats C and D north of Rwy 8L-26R. Circling NA to sea lanes 4W, 8W, 22W, and 26W.

**▲** MISSED APPROACH: Climbing left turn to 3000 on HNL R-171 to ALANA INT/HNL 13.9 DME and hold.

D-ATIS <b>127.9 251.15</b>	HCF APPROACH <b>118.3 269.0</b>	HONOLULU TOWER <b>118.1 257.8</b> <b>123.9 273.575</b> (Rwy 8R/26L)	GND CON <b>121.9 348.6</b>	CLNC DEL <b>121.4 281.4</b>
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ELEV 13	<b>D</b>
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MIRL Rwy 4L-22R  
REIL Rwys 4L, 8R, 22L, 22R, and 26R  
HIRL Rwys 4R-22L, 8L-26R, and 8R-26L

CATEGORY	A	B	C	D
<b>C</b> CIRCLING	680-1 667 (700-1)	760-1 747 (800-1)	820-2¼ 807 (900-2¼)	1400-3 1387 (1400-3)

PAC, 25 JAN 2024 to 21 MAR 2024

PAC, 25 JAN 2024 to 21 MAR 2024

VORTAC HNL <b>114.8</b> Chan <b>95</b>	APP CRS <b>037°</b>	Rwy Idg TDZE Apt Elev	<b>N/A</b> <b>N/A</b> <b>13</b>
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# VOR or TACAN-B

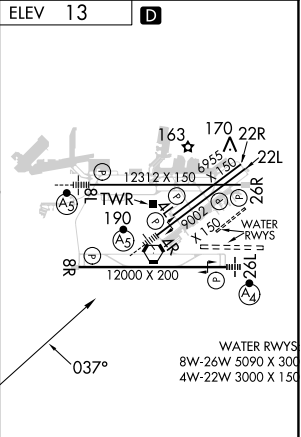
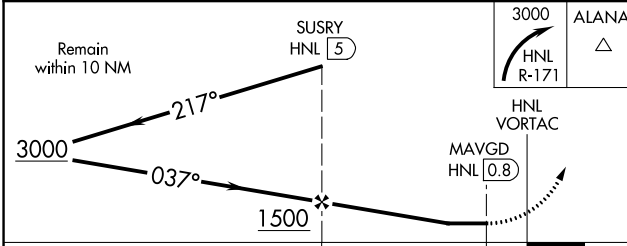
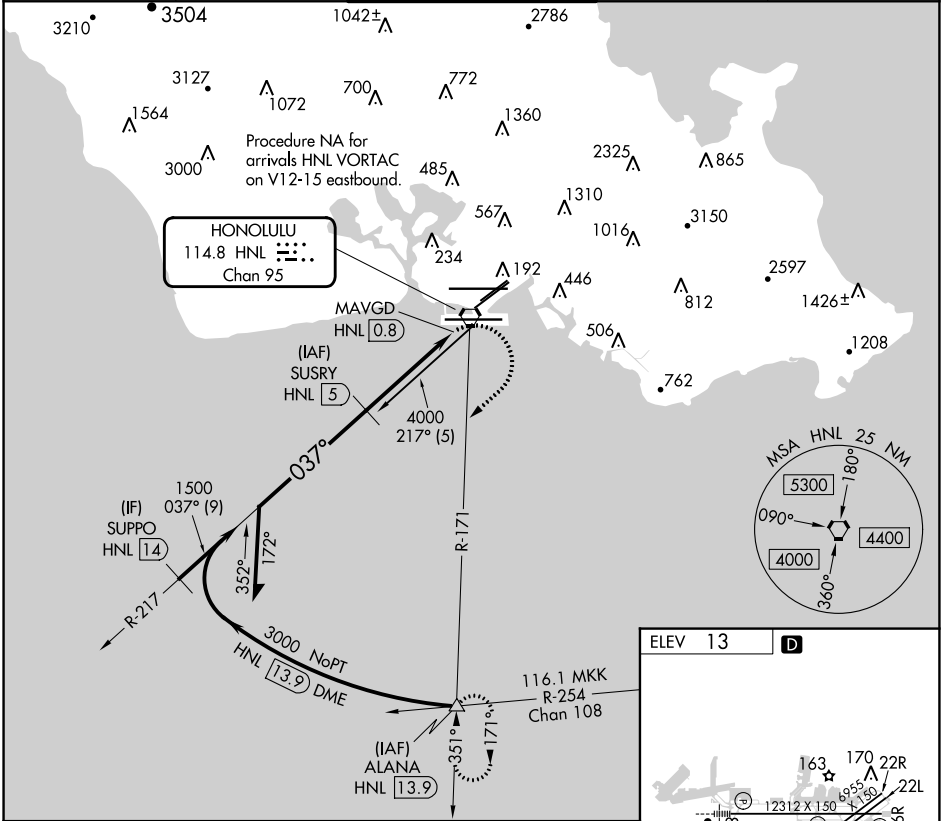
DANIEL K INOUEY INTL (HNL) (PHNL)

DME required.

**▼** Circling Rwy 22R NA at night. Circling NA for Cats A and B northwest of Rwys 8L and 22R. Circling NA for Cats C and D north of Rwy 8L-26R. Circling NA to sea lanes 4W, 8W, 22W, and 26W.

MISSED APPROACH: Climbing right turn to 3000 on HNL R-171 to ALANA INT/HNL 13.9 DME and hold.

D-ATIS <b>127.9 251.15</b>	HCF APPROACH <b>118.3 269.0</b>	HONOLULU TOWER <b>118.1 257.8</b> <b>123.9 273.575</b> (Rwy 8R/26L)	GND CON <b>121.9 348.6</b>	CLNC DEL <b>121.4 281.4</b>
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CATEGORY	A	B	C	D
<b>C</b> CIRCLING	680-1 667 (700-1)	760-1 747 (800-1)	820-2¼ 807 (900-2¼)	1400-3 1387 (1400-3)

MIRL Rwy 4L-22R  
REIL Rwys 4L, 8R, 22L, 22R, and 26R  
HIRL Rwys 4R-22L, 8L-26R, and 8R-26L

PAC, 25 JAN 2024 to 21 MAR 2024

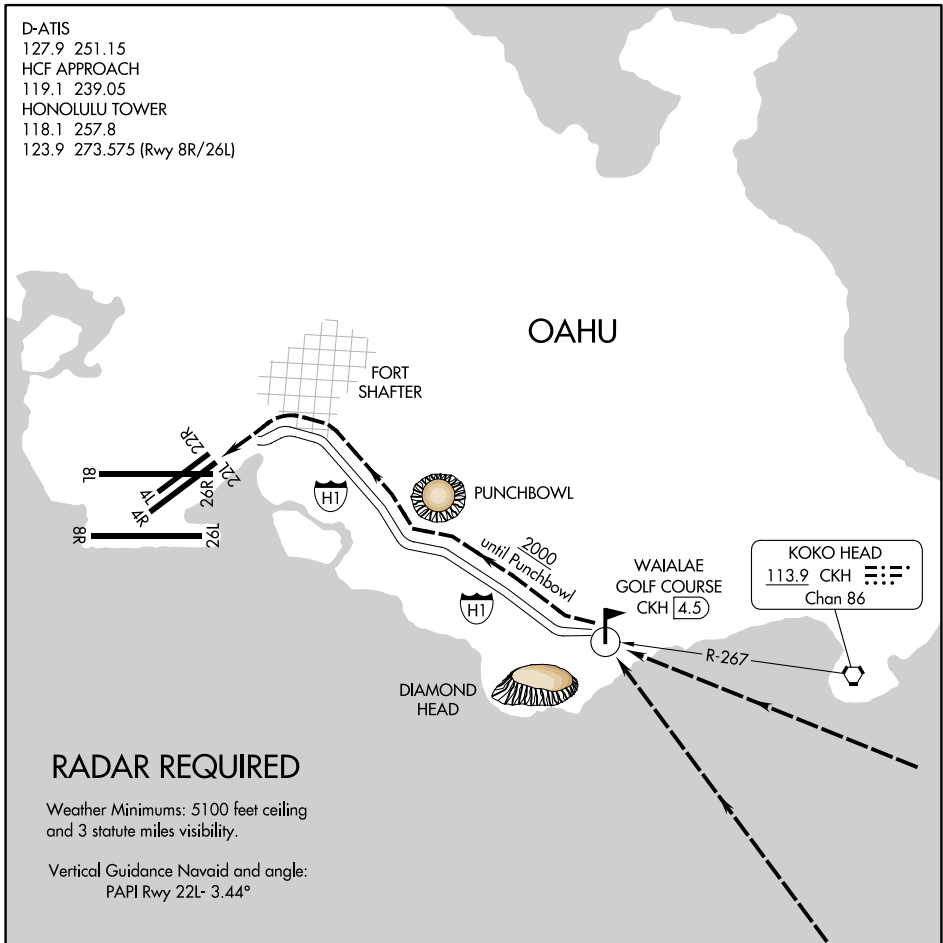
PAC, 25 JAN 2024 to 21 MAR 2024



# WAIALAE GOLF COURSE VISUAL RWY 22L

HONOLULU, HAWAII

D-ATIS  
 127.9 251.15  
 HCF APPROACH  
 119.1 239.05  
 HONOLULU TOWER  
 118.1 257.8  
 123.9 273.575 (Rwy 8R/26L)



PAC: 25 JAN 2024 to 21 MAR 2024

PAC: 25 JAN 2024 to 21 MAR 2024

## WAIALAE GOLF COURSE VISUAL APPROACH RWY 22L

PROCEDURE NOT AUTHORIZED AT NIGHT  
 RESTRICTED TO CAT I AND CAT II AIRCRAFT ONLY  
 Pilots may expect landing Runway 22R.

# WAIALAE GOLF COURSE VISUAL RWY 22L

HONOLULU, HAWAII

LAND AND HOLD-SHORT OPERATIONS (LAHSO)

LAHSO is an acronym for "Land and Hold-Short Operations." These operations include landing and holding short of an intersection runway, an intersecting taxiway, or other predetermined points on the runway other than a runway or taxiway. Measured distance represents the available landing distance on the landing runway, in feet.

Specific questions regarding these distances should be referred to the air traffic manager of the facility concerned. The Aeronautical Information Manual contains specific details on hold-short operations and markings.

CITY/AIRPORT	LDG RWY	HOLD-SHORT POINT	AVBL LDG DIST
HONOLULU, HI			
DANIEL K INOUE INTL (HNL) (PHNL)	04L	08L-26R	3,700 feet
	04R	08L-26R	6,250 feet
	08L	04L-22R	9,300 feet

INSTRUMENT APPROACH PROCEDURE CHARTS

**IFR ALTERNATE AIRPORT MINIMUMS**

Pilots must review the IFR Alternate Minimums Notes to determine alternate airport suitability.

**▲**NA designation on the approach chart means that pilots may not use that approach as an alternate due to unmonitored facility, absence of weather reporting service, or lack of adequate navigation coverage. Approaches with the **▲**NA designation are not listed in this section. **▲** designation on the approach chart indicates that the approach procedure has non-standard minimums (for aircraft other than helicopters) or restrictions (for all users) for its use as an alternate.

**Alternate Minima (ref: 14 CFR 91.169)**

	Precision Approach	Non-Precision Approach
Standard	<b>600-2</b>	<b>800-2</b>
<b>▲</b> Non-Standard or restrictions	As indicated below	As indicated below
Helicopters	For the selected approach: Ceiling: 200' above published ceiling Visibility: the greater of 1 SM visibility or the published visibility	
US Military (USA/USN/USAF)	See Service Regulations	

**Note:** For alternate airport flight planning purposes, precision approach operations include: ILS, PAR, and GLS, and Non-Precision approach operations include: NDB, VOR, LOC, TACAN, LDA, SDF, ASR, RNAV (GPS) and RNAV (RNP).

**NAME ALTERNATE MINIMUMS**

**BABELTHUAP ISLAND, PW**

PALAU INTL (ROR) (PTOR).....**NDB Rwy 9<sup>1</sup>**  
**RNAV (GPS) Rwy 9**  
**RNAV (GPS) Rwy 27**

NA except standard for operators with approved weather reporting service.

<sup>1</sup>Categories A, B, 900-2; Category C, 900-2½; Category D, 900-2¼.

**GUAM, GU**

GUAM  
 INTL (GUM) (PGUM).....**ILS or LOC Rwy 6L<sup>1</sup>**  
**ILS or LOC Rwy 6R<sup>1</sup>**  
**RNAV (GPS) Y Rwy 24L<sup>2</sup>**  
**RNAV (GPS) Y Rwy 24R<sup>3</sup>**  
**RNAV (RNP) Z Rwy 24L<sup>4</sup>**  
**RNAV (RNP) Z Rwy 24R<sup>5</sup>**  
**VOR or TACAN Rwy 24R<sup>6</sup>**

<sup>1</sup>LOC, Categories A, B, 1200-2; Categories C, D, 1200-3.

<sup>2</sup>Categories A, B, 900-2; Category C, 900-2¼.

<sup>3</sup>Categories A, B, 900-2; Category C, 900-2½.

<sup>4</sup>Categories A, B, C, D, 900-3.

<sup>5</sup>Categories A, B, C, D, 800-2½.

<sup>6</sup>Categories A, B, 900-2; Categories C, D 900-2¼.

**HANA, HI**

HANA (HNM) (PHHN).....**RNAV (GPS) Rwy 26**  
 Category A, 900-2; Category B, 1100-2.

**NAME ALTERNATE MINIMUMS**

**HILO, HI**

HILO INTL (ITO) (PHTO).....**ILS or LOC Rwy 26<sup>12</sup>**  
**RNAV (GPS) Rwy 21<sup>3</sup>**  
**RNAV (GPS) Rwy 26<sup>3</sup>**  
**VOR-B<sup>3</sup>**  
**VOR/DME or TACAN Rwy 26<sup>3</sup>**  
**VOR/DME or TACAN-A<sup>3</sup>**

<sup>1</sup>NA when control tower closed.

<sup>2</sup>LOC, Category C, 900-2¼; Category D, 1300-3.

<sup>3</sup>Category C, 900-2¼; Category D, 1300-3.

**HONOLULU, HI**

DANIEL K INOUYE  
 INTL (HNL) (PHNL).....**LOC Rwy 4R<sup>1</sup>**  
**LOC Rwy 8L<sup>1</sup>**  
**RNAV (GPS) Rwy 4L<sup>2</sup>**  
**RNAV (GPS) Rwy 8R<sup>3</sup>**  
**RNAV (GPS) Y Rwy 4R<sup>4</sup>**  
**RNAV (GPS) Y Rwy 8L<sup>5</sup>**  
**VOR or TACAN Rwy 4R<sup>6</sup>**  
**VOR or TACAN-A<sup>1</sup>**  
**VOR or TACAN-B<sup>1</sup>**

<sup>1</sup>Category C, 800-2¼; Category D, 1400-3.

<sup>2</sup>Category C, 900-2¼; Category D, 1400-3; Category E, 2000-3.

<sup>3</sup>Category C, 900-2¼; Category D, 1400-3; Category E, 2100-3.

<sup>4</sup>Category D, 1300-3.

<sup>5</sup>Category C, 900-2¼; Category D, 1300-3.

<sup>6</sup>Category C, 900-2¼; Category D, 1400-3.

NAME ALTERNATE MINIMUMS

**KAHULUI, HI**

KAHULUI (OGG)  
(PHOG).....**ILS Y or LOC Y Rwy 2<sup>12</sup>**  
**ILS Z or LOC Z Rwy 2<sup>12</sup>**  
**RNAV (GPS) Rwy 20<sup>3</sup>**  
**RNAV (GPS) Rwy 23<sup>4</sup>**  
**RNAV (GPS) Y Rwy 2<sup>35</sup>**  
**VOR Z or TACAN Rwy 20<sup>3</sup>**

- <sup>1</sup>NA when control tower closed.
- <sup>2</sup>LOC, Category D, 1100-3; Category E, 1700-3.
- <sup>3</sup>Category D, 1100-3.
- <sup>4</sup>Category D, 1200-3.
- <sup>5</sup>NA when local weather not available.

**KAILUA/KONA, HI**

ELLISON ONIZUKA KONA INTL AT  
KEAHOLE (KOA) (PHKO).....**ILS or LOC Rwy 17<sup>1</sup>**  
**LOC BC Rwy 35<sup>2</sup>**  
**RNAV (GPS) Rwy 35<sup>2</sup>**  
**RNAV (GPS) Y Rwy 17<sup>2</sup>**  
**VOR or TACAN Rwy 17<sup>2</sup>**  
**VOR or TACAN Rwy 35<sup>2</sup>**

- <sup>1</sup>NA when control tower closed.
- <sup>2</sup>NA when local weather not available.

**KAPOLEI, OAHU ISLAND, HI**

KALAELOA (JOHN RODGERS)  
FLD (JRF) (PHJR).....**NDB Rwy 4R<sup>1</sup>**  
**RNAV (GPS) Rwy 4R<sup>2</sup>**

- <sup>1</sup>Category C, 800-2¼; Category D, 800-2½.
- <sup>2</sup>NA when local weather not available.

**KAUNAKAKAI, HI**

MOLOKAI (MCK) (PHMK).....**RNAV (GPS)-B<sup>12</sup>**  
**VOR or TACAN-A<sup>3</sup>**

- <sup>1</sup>NA when local weather not available.
- <sup>2</sup>Category C, 1200-3; Category D, 1500-3.
- <sup>3</sup>Categories A, B, 1500-2; Categories C, D, 1500-3.

**KOSRAE, FM**

KOSRAE (TTK) (PTSA).....**RNAV (GPS) Rwy 5<sup>1</sup>**  
**RNAV (GPS) Rwy 23<sup>2</sup>**

- <sup>1</sup>NA except standard for operators with approved weather reporting service.
- <sup>2</sup>NA except categories A,B, standard, Category C, 800-2¼, Category D 800-2½, for operators with approved weather reporting service.

**LANAI CITY, HI**

LANAI (LNY) (PHNY).....**RNAV (GPS) Rwy 3<sup>12</sup>**  
**VOR or TACAN or GPS-A<sup>3</sup>**

- <sup>1</sup>NA when local weather not available.
- <sup>2</sup>Category C, 900-2½.
- <sup>3</sup>NA when local weather not received except for operators with approved weather reporting service.

NAME ALTERNATE MINIMUMS

**LIHUE, HI**

LIHUE (LIH) (PHLI).....**ILS or LOC Rwy 35<sup>1</sup>**  
**RNAV (GPS) Rwy 17<sup>23</sup>**  
**RNAV (GPS) Y Rwy 21<sup>23</sup>**  
**RNAV (GPS) Y Rwy 35<sup>4</sup>**  
**RNAV (RNP) Z Rwy 21<sup>5</sup>**  
**VOR or TACAN Rwy 21<sup>2</sup>**

- <sup>1</sup>NA when control tower closed.
- <sup>2</sup>NA when local weather not available.
- <sup>3</sup>Categories C, D, 800-2½.
- <sup>4</sup>Category C, 800-2¼; Category D, 800-2½.
- <sup>5</sup>RNP 0.30, Categories A, B, C, D, 1000-4.
- <sup>6</sup>Category B, 900-2; Category C, 1000-2¾; Category D, 1000-3.

**MIDWAY ATOLL, QM**

HENDERSON  
FLD (MDY) (PMDY).....**NDB Rwy 6**  
**NDB Rwy 24**  
**RNAV (GPS) Rwy 6**  
**RNAV (GPS) Rwy 24**

NA except standard for operators with approved weather reporting service.

**PAGO PAGO, AS**

PAGO PAGO  
INTL (PPG) (NSTU).....**ILS or LOC Rwy 5<sup>1</sup>**  
**RNAV (GPS) Rwy 5<sup>2</sup>**  
**RNAV (GPS) Rwy 23<sup>2</sup>**  
**VOR or TACAN-B<sup>2</sup>**

- <sup>1</sup>ILS, Categories A, B, C, D, 900-2; LOC, Category C, 800-2¼; Category D, 900-2¾.
- <sup>2</sup>Category C, 800-2¼; Category D, 900-2¾.

**POHNPEI ISLAND, FM**

POHNPEI INTL (PNI) (PTPN).....**NDB-A<sup>1</sup>**  
**RNAV (GPS) Rwy 27<sup>2</sup>**  
**RNAV (GPS) X Rwy 9<sup>1</sup>**  
**RNAV (RNP) Y Rwy 9<sup>3</sup>**

- <sup>1</sup>Categories A, B, 1000-2; Categories C, D, 1000-3.
- <sup>2</sup>Category D, 800-2¼.
- <sup>3</sup>Categories A, B, C, D, 1000-4.

**ROTA ISLAND, CQ**

BENJAMIN TAISACAN MANGLONA  
INTL (GRO) (PGRO).....**RNAV (GPS) Rwy 9**  
**RNAV (GPS) Rwy 27**  
**NDB Rwy 9<sup>1</sup>**  
**NDB Rwy 27**

NA except standard for operators with approved weather reporting service.

- <sup>1</sup>Categories A, B, 1200-2; Categories C, D, 1200-3.

**SAIPAN ISLAND, CQ**

FRANCISCO C ADA/  
SAIPAN INTL (GSN) (PGSN).....**NDB Y Rwy 7**  
Category D, 800-2¼.

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NAME ALTERNATE MINIMUMS

NAME ALTERNATE MINIMUMS

**TINIAN ISLAND, CQ**

FRANCISCO MANGLONA BORJA  
TINIAN INTL (TNI) (PGWT).....**RNAV (GPS) Rwy 8**  
**RNAV (GPS) Rwy 26**

NA when local weather not available.  
Category D, 800-2½.

**WENO ISLAND, FM**

CHUUK INTL (TKK) (PTKK).....**NDB Rwy 4<sup>1</sup>**  
**NDB Rwy 22<sup>23</sup>**  
**RNAV (GPS) Rwy 4<sup>24</sup>**  
**RNAV (GPS) Rwy 22<sup>25</sup>**

- <sup>1</sup>NA except for operators with approved weather reporting service. Categories A, B, C, D, 800-2½.
- <sup>2</sup>NA except standard for operators with approved weather reporting service.
- <sup>3</sup>Categories C, D, 800-2½.
- <sup>4</sup>Categories A, B, C, D, 800-3.
- <sup>5</sup>Categories A, B, 900-2; Category C, 900-2½; Category D, 900-2½.

**YAP ISLAND, FM**

YAP INTL (T11) (PTYA).....**NDB Rwy 7<sup>1</sup>**  
**NDB Rwy 25<sup>2</sup>**  
**NDB/DME Rwy 25<sup>2</sup>**

- <sup>1</sup>Category D, 800-2¼;
- <sup>2</sup>Categories A, B, 1000-2; Categories C, D, 1000-3.

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M3

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

24025

INSTRUMENT APPROACH PROCEDURE CHARTS

## IFR TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

### Civil Airports and Selected Military Airports

ALL USERS: Airports that have Departure Procedures (DPs) designed specifically to assist pilots in avoiding obstacles during the climb to the minimum enroute altitude, and/or airports that have civil IFR takeoff minimums other than standard, are listed below. Takeoff Minimums and Departure Procedures apply to all runways unless otherwise specified. An entry may also be listed that contains only Takeoff Obstacle Notes. Altitudes, unless otherwise indicated, are minimum altitudes in MSL.

DPs specifically designed for obstacle avoidance are referred to as Obstacle Departure Procedures (ODPs) and are textually described below, or published separately as a graphic procedure. If the ODP is published as a graphic procedure, its name will be listed below, and it can be found in either this volume (civil), or the applicable military volume, as appropriate. Users will recognize graphic obstacle DPs by the term "(OBSTACLE)" included in the procedure title; e.g., TETON TWO (OBSTACLE). If not specifically assigned an ODP, SID, or RADAR vector as part of an IFR clearance, an ODP may be required to be flown for obstacle clearance, even though not specifically stated in the IFR clearance. When doing so in this manner, ATC should be informed when the ODP being used contains a specified route to be flown, restrictions before turning, and/or altitude restrictions.

Some ODPs, which are established solely for obstacle avoidance, require a climb in visual conditions to cross the airport, a fix, or a NAVAID in a specified direction, at or above a specified altitude. These procedures are called Visual Climb Over Airport (VCOA). To ensure safe and efficient operations, the pilot must verbally request approval from ATC to fly the VCOA when requesting their IFR clearance.

At some locations where an ODP has been established, a diverse vector area (DVA) may be created to allow RADAR vectors to be used in lieu of an ODP. DVA information will state that headings will be as assigned by ATC and climb gradients, when applicable, will be published immediately following the specified departure procedure.

Graphic DPs designed by ATC to standardize traffic flows, ensure aircraft separation and enhance capacity are referred to as "Standard Instrument Departures (SIDs)". SIDs also provide obstacle clearance and are published under the appropriate airport section. ATC clearance must be received prior to flying a SID.

CIVIL USERS NOTE: Title 14 Code of Federal Regulations Part 91 prescribes standard takeoff rules and establishes takeoff minimums for certain operators as follows: (1) For aircraft, other than helicopters, having two engines or less – one statute mile visibility. (2) For aircraft having more than two engines – one-half statute mile visibility. (3) For helicopters – one-half statute mile visibility. These standard minima apply in the absence of any different minima listed below.

MILITARY USERS NOTE: Civil (nonstandard) takeoff minima are published below. For military takeoff minima, refer to appropriate service directives.

### ANDERSEN AFB (UAM) (PGUA)

YIGO, GU

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

(23110) (USAF)

##### TAKEOFF OBSTACLE NOTES:

**Rwy 6L**, terrain at DER, 222' right of centerline, 618' MSL.

Terrain 3' from DER, 501' left of centerline, 620' MSL.

Terrain 41' from DER, 500' left of centerline, 619' MSL.

Terrain 46' from DER, 512' left of centerline, 619' MSL.

### BABELTHUAP ISLAND, PW

PALAU INTL (ROR) (PTRO)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 31DEC09 (23222) (FAA)

##### TAKEOFF MINIMUMS:

**Rwy 27**, 300-1½ or std w/min climb of 320' per NM to 500.

##### DEPARTURE PROCEDURE:

**Rwy 27**, climb on heading 271° to 600 before turning right.

##### TAKEOFF OBSTACLE NOTES:

**Rwy 9**, trees beginning 19' from DER, 317' right of centerline, up to 26' AGL/188' MSL.

Tree 89' from DER, 271' left of centerline, 178' MSL.

Vegetation, trees beginning 107' from DER, 131' left of centerline, up to 187' MSL.

Tree 390' from DER, 320' right of centerline, 34' AGL/191' MSL.

**Rwy 27**, trees beginning 23' from DER, 296' right of centerline, up to 17' AGL/180' MSL.

Tree 238' from DER, 382' right of centerline, 184' MSL.

Trees beginning 439' from DER, 372' right of centerline, up to 46' AGL/206' MSL.

Tree 824' from DER, 465' left of centerline, 47' AGL/205' MSL.

Tree 1757' from DER, 258' right of centerline, 232' MSL.

Trees beginning 4512' from DER, 486' right of centerline, up to 356' MSL.

Tree 5708' from DER, 652' right of centerline, 43' AGL/371' MSL.

Tree 5736' from DER, 670' right of centerline, 363' MSL.

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## BARKING SANDS PMRF (BKH) (PHBK)

KEKAHA, HI

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 14JUL22 (22195) (USN)

DEPARTURE PROCEDURE:

Diverse departure NA.

## BRADSHAW AAF (BSF) (PHSF)

CAMP POHAKULOA, HI

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 07SEP23 (23250) (USA)

TAKEOFF MINIMUMS:

**Rwy 9**, 8200-5 for VCOA.

DEPARTURE PROCEDURE:

**Rwy 9**, obtain ATC approval for VOCA when requesting IFR clearance. Climb in visual conditions to cross Bradshaw AAF at or above 14,200 before proceeding on course.**Rwy 27**, climb hdg 271° to join UPP VORTAC R-154 to UPP, climb and maintain at or above 8000 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

**Rwy 9**, pylon 2667' from DER, 705' right of centerline, 55' AGL/6339' MSL.

Pylon 2578' from DER, 764' right of centerline, 55' AGL/6332' MSL.

Pylon 2382' from DER, 804' right of centerline, 55' AGL/6326' MSL.

Pylon 2193' from DER, 841' right of centerline, 55' AGL/6320' MSL.

Pylon 2005' from DER, 879' right of centerline, 55' AGL/6304' MSL.

Pylon 1785' from DER, 925' right of centerline, 55' AGL/6287' MSL.

Terrain 2000' from DER, 51' left of centerline, 6258' MSL.

## BUCHOLZ AAF (KWA) (PKWA)

KWAJALEIN USAKA, MI

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 02DEC21 (21336) (USA)

TAKEOFF OBSTACLE NOTES:

**Rwy 6**, RADAR antenna 10' from DER, 244' left of centerline, 13' AGL/28' MSL.

Terrain 201' from DER, 546' left of centerline, 30' MSL.

## GUAM, GU

GUAM INTL (GUM) (PGUM)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 25JAN24 (24025) (FAA)

TAKEOFF MINIMUMS:

**Rwy 6L**, 400-1¼ or std w/min climb of 450'/NM to 800.**Rwy 6R**, 400-1¼ or std w/min climb of 522'/NM to 900.**Rwy 24L**, std w/min climb of 280'/NM to 1700.**Rwy 24R**, std w/min climb of 286'/NM to 1700.

DEPARTURE PROCEDURE:

**Rwys 6L/R**, climb on heading 063° to 1000 before turning southeast.

TAKEOFF OBSTACLE NOTES:

**Rwy 6L**, terrain 11' from DER, 300' left of centerline, 306' MSL.

Vegetation, terrain beginning 159' from DER, 316' left of centerline, up to 312' MSL.

Terrain beginning 196' from DER, 316' right of centerline, up to 315' MSL.

Terrain 321' from DER, 452' left of centerline, 315' MSL.

Terrain 328' from DER, 563' right of centerline, 322' MSL.

Terrain 378' from DER, 333' left of centerline, 317' MSL.

Terrain beginning 426' from DER, 374' right of centerline, up to 326' MSL.

Trees, terrain beginning 432' from DER, 336' left of centerline, up to 352' MSL.

Terrain beginning 528' from DER, 443' right of centerline, up to 332' MSL.

Trees beginning 599' from DER, 387' left of centerline, up to 361' MSL.

Terrain beginning 611' from DER, 430' right of centerline, up to 337' MSL.

Terrain 700' from DER, 586' right of centerline, 341' MSL.

Trees, terrain beginning 711' from DER, 348' left of centerline, up to 371' MSL.

Terrain 768' from DER, 644' right of centerline, 344' MSL.

Terrain beginning 774' from DER, 465' right of centerline, up to 345' MSL.

Trees, terrain beginning 802' from DER, 358' left of centerline, up to 376' MSL.

Terrain 853' from DER, 688' right of centerline, 348' MSL.

Fences, terrain beginning 885' from DER, 447' right of centerline, up to 9' AGL/358' MSL.

Tree, terrain, fences, pole, sign beginning 993' from DER, 409' right of centerline, up to 371' MSL.

Trees, pole, terrain beginning 1050' from DER, 375' left of centerline, up to 380' MSL.

Trees, traverse ways, sign, poles, terrain, fences beginning 1194' from DER, 359' right of centerline, up to 385' MSL.

Trees, terrain beginning 1215' from DER, 341' left of centerline, up to 392' MSL.

Trees, terrain, poles, fences, traverse ways beginning 1328' from DER, 339' right of centerline, up to 390' MSL.

Trees, terrain beginning 1482' from DER, 318' left of centerline, up to 407' MSL.

Trees, terrain, fences, poles, traverse ways beginning 1524' from DER, 329' right of centerline, up to 395' MSL.

CON'T

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

24025

## GUAM, GU (CON'T)

### GUAM INTL (GUM) (PGUM) (CON'T)

**Rwy 6L (CON'T)**, trees, terrain, vegetation beginning 1649' from DER, 79' left of centerline, up to 411' MSL.

Trees, terrain, fences, buildings, poles, traverse way beginning 1701' from DER, 71' right of centerline, up to 399' MSL.  
Tree 1861' from DER, 618' left of centerline, 415' MSL.

Trees, terrain beginning 1861' from DER, 3' left of centerline, up to 417' MSL.

Tree, fences beginning 1914' from DER, 733' right of centerline, up to 404' MSL.

Trees, terrain, building, fences beginning 1933' from DER, 110' right of centerline, up to 406' MSL.

Trees, terrain, traverse way, building, fences, pole beginning 1986' from DER, 68' right of centerline, up to 413' MSL.

Trees, buildings, terrain, fences, poles, traverse way beginning 2056' from DER, 78' right of centerline, up to 423' MSL.

Trees, building, fence, pole beginning 2271' from DER, 463' right of centerline, up to 427' MSL.

Trees, terrain, fences, buildings, traverse ways, poles, vertical structure beginning 2301' from DER, 301' right of centerline, up to 435' MSL.

Trees, terrain beginning 2418' from DER, 294' left of centerline, up to 419' MSL.

Trees, terrain beginning 2611' from DER, 297' left of centerline, up to 423' MSL.

Trees, terrain beginning 2761' from DER, 302' left of centerline, up to 426' MSL.

Trees beginning 2908' from DER, 504' left of centerline, up to 427' MSL.

Trees, building beginning 2918' from DER, 497' right of centerline, up to 437' MSL.

Trees, terrain, vegetation, transmission lines, poles beginning 2924' from DER, 15' left of centerline, up to 434' MSL.

Transmission lines, trees, fences, terrain, buildings, poles, traverse ways, signs, tanks, walls, vegetation beginning 2933' from DER, 2' right of centerline, up to 67' AGL/469' MSL.

Poles, trees, transmission line beginning 3770' from DER, 7' left of centerline, up to 86' AGL/436' MSL.

Trees, buildings, vegetation, traverse way, pole, rig, terrain beginning 4058' from DER, 45' right of centerline, up to 473' MSL.

Trees, poles, fences, buildings beginning 4683' from DER, 578' right of centerline, up to 474' MSL.

Trees, poles beginning 5048' from DER, 254' right of centerline, up to 480' MSL.

Pole, trees, building beginning 5205' from DER, 266' right of centerline, up to 34' AGL/516' MSL.

Trees, pole beginning 5486' from DER, 378' right of centerline, up to 536' MSL.

Trees, buildings beginning 5635' from DER, 492' right of centerline, up to 556' MSL.

Trees, poles, buildings beginning 5767' from DER, 640' right of centerline, up to 576' MSL.

Trees, poles beginning 1.1 NM from DER, 697' right of centerline, up to 622' MSL.

**Rwy 6R**, terrain beginning 0' from DER, 110' left of centerline, up to 302' MSL.

Light poles 9' from DER, 159' left of centerline, 1' AGL/303' MSL.

Signs beginning 58' from DER, 280' left of centerline, up to 4' AGL/304' MSL.

Trees beginning 139' from DER, 442' right of centerline, up to 378' MSL.

Trees, terrain beginning 163' from DER, 408' right of centerline, up to 390' MSL.

Trees, terrain beginning 616' from DER, 408' right of centerline, up to 405' MSL.

Trees, pole, terrain beginning 939' from DER, 276' right of centerline, up to 407' MSL.

Trees, terrain beginning 1110' from DER, 449' right of centerline, up to 414' MSL.

Trees beginning 1231' from DER, 572' right of centerline, up to 417' MSL.

Trees, terrain beginning 1291' from DER, 406' right of centerline, up to 424' MSL.

Trees, terrain, fences, buildings, poles, traverse ways, wall beginning 1648' from DER, on and right of centerline, up to 432' MSL.

Terrain 1853' from DER, 10' left of centerline, 348' MSL.

Fences beginning 1884' from DER, 27' left of centerline, up to 9' AGL/358' MSL.

Pole, fences, sign beginning 2073' from DER, 20' left of centerline, up to 14' AGL/362' MSL.

Trees, sign, pole, fences beginning 2194' from DER, 12' left of centerline, up to 385' MSL.

Trees, pole, fences beginning 2328' from DER, on and left of centerline, up to 390' MSL.

Trees, fences beginning 2524' from DER, 24' left of centerline, up to 395' MSL.

Tree 2903' from DER, 20' left of centerline, 397' MSL.

Tree, fence beginning 2932' from DER, 12' left of centerline, up to 406' MSL.

Trees, fences beginning 3033' from DER, on and left of centerline, up to 409' MSL.

Buildings, trees, fences, poles beginning 3208' from DER, 6' right of centerline, up to 29' AGL/435' MSL.

Trees, fences, buildings beginning 3298' from DER, 16' right of centerline, up to 444' MSL.

Transmission line, buildings, traverse way, trees, fences, poles, vertical structure beginning 3359' from DER, 5' right of centerline, up to 76' AGL/482' MSL.

Tree 3363' from DER, 1081' left of centerline, 414' MSL.

Trees beginning 3430' from DER, 220' left of centerline, up to 415' MSL.

Trees beginning 3524' from DER, 60' left of centerline, up to 417' MSL.

Transmission lines, trees, buildings, fences, traverse ways, poles, signs, terrain beginning 3571' from DER, 20' right of centerline, up to 81' AGL/486' MSL.

Tree 3590' from DER, 1430' left of centerline, 419' MSL.

Tree 3609' from DER, 338' left of centerline, 421' MSL.

Trees beginning 3616' from DER, 57' left of centerline, up to 425' MSL.

Tree 3920' from DER, 1257' left of centerline, 427' MSL.

Trees beginning 3924' from DER, 37' left of centerline, up to 434' MSL.

Trees, poles, buildings, tanks, transmission line, traverse ways beginning 4375' from DER, 56' right of centerline, up to 516' MSL.

Trees, transmission lines, pole beginning 4427' from DER, 42' left of centerline, up to 446' MSL.

Trees, buildings, pole, traverse way beginning 4681' from DER, 179' right of centerline, up to 522' MSL.

Trees, buildings, poles beginning 4792' from DER, 29' right of centerline, up to 554' MSL.

Trees, poles beginning 4814' from DER, 23' left of centerline, up to 456' MSL.

Trees, poles, traverse ways, buildings beginning 5014' from DER, 590' right of centerline, up to 568' MSL.

Trees, vegetation beginning 5058' from DER, 9' left of centerline, up to 473' MSL.

Trees, buildings, pole beginning 5218' from DER, 16' right of centerline, up to 585' MSL.

CON'T

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

24025



# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

24025

## GUAM, GU (CON'T)

### GUAM INTL (GUM) (PGUM) (CON'T)

**Rwy 6R (CON'T)**, trees, buildings, pole beginning 5418' from DER, 19' right of centerline, up to 597' MSL.

Trees, pole beginning 5684' from DER, 54' right of centerline, up to 615' MSL.

Tree 5814' from DER, 2036' right of centerline, 636' MSL.

Poles, trees beginning 5850' from DER, 113' right of centerline, up to 41' AGL/654' MSL.

Trees, pole beginning 5965' from DER, 529' right of centerline, up to 660' MSL.

Buildings, trees, poles, terrain beginning 1 NM from DER, 26' right of centerline, up to 90' AGL/702' MSL.

Tree 1.1 NM from DER, 150' left of centerline, 479' MSL.

**Rwy 24L**, light poles, terrain beginning 10' from DER, 85' right of centerline, up to 2' AGL/233' MSL.

Light poles 11' from DER, 4' left of centerline, 1' AGL/232' MSL.

Signs beginning 59' from DER, 282' right of centerline, up to 3' AGL/239' MSL.

Tree 1416' from DER, 365' left of centerline, 269' MSL.

Tree 1511' from DER, 405' left of centerline, 270' MSL.

Tree 1578' from DER, 333' left of centerline, 273' MSL.

**Rwy 24R**, light poles, sign beginning 12' from DER, 2' right of centerline, up to 2' AGL/235' MSL.

## HANA, HI

### HANA (HNM) (PHHN)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 01SEP05 (05244) (FAA)

DEPARTURE PROCEDURE:

Use LINDBERG DEPARTURE.

## HILO, HI

### HILO INTL (ITO) (PHTO)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 6 22DEC05 (05356) (FAA)

DEPARTURE PROCEDURE:

Use PARIS DEPARTURE.

#### DIVERSE VECTOR AREA (RADAR VECTORS)

AMDT 1 26MAY16 (16147) (FAA)

**Rwys 3, 8**, heading as assigned by ATC.

**Rwy 21**, heading as assigned by ATC; requires minimum climb of 300' per NM to 1300.

**Rwy 26**, heading as assigned by ATC; requires minimum climb of 420' per NM to 2800.

## HONOLULU, HI

### DANIEL K INOUYE INTL (HNL) (PHNL)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 8B 08NOV18 (18312) (FAA)

DEPARTURE PROCEDURE:

Use HONOLULU DEPARTURE.

TAKEOFF OBSTACLE NOTES:

**Rwy 4L**, multiple lights beginning 630' from DER, 236' left of centerline, 102' right of centerline, up to 84' AGL/ 92' MSL.

Light on building 669' from DER, 394' left of centerline, 29' AGL/37' MSL.

Stack on building 2488' from DER, 219' right of centerline 72' AGL/80' MSL.

Multiple trees beginning 1253' from DER, 209' left of centerline, 935' right of centerline, up to 64' AGL/72' MSL.

Bush 450' from DER, 234' left of centerline, 14' AGL/ 22' MSL.

**Rwy 4R**, stack on building, 2442' from DER, 283' left of centerline, 72' AGL/80' MSL.

Multiple trees beginning 1206' from DER, 711' left of centerline, 433' right of centerline, up to 64' AGL/72' MSL.

Multiple lights beginning 1072' from DER, 399' left of centerline, 504' right of centerline, up to 36' AGL/44' MSL.

Pole 2110' from DER, 951' left of centerline, 59' AGL/67' MSL.

**Rwy 22L**, multiple bushes beginning 265' from DER, 396' right of centerline, up to 17' AGL/31' MSL.

Tree 1065' from DER, 499' right of centerline, 30' AGL/38' MSL.

**Rwy 22R**, rod on OL ASR 1451' from DER, 827' right of centerline, 76' AGL/84' MSL.

Tree 853' from DER, 308' right of centerline, 43' AGL/51' MSL.

**Rwy 26L**, ship 1.1 NM from DER, on centerline, 208' AGL/208' MSL.

**Rwy 26R**, multiple light poles beginning 2120' from DER, 813' right of centerline, up to 105' AGL/111' MSL.

#### DIVERSE VECTOR AREA (RADAR VECTORS)

AMDT 2 25FEB21 (21056) (FAA)

**Rwys 4L/R**, heading as assigned by ATC; requires min. climb of 490' per NM to 2100, do not exceed 180K until established on assigned heading.

**Rwy 8L**, heading as assigned by ATC; requires min. climb of 360' per NM to 1700.

**Rwy 8R**, heading as assigned by ATC; requires min. climb of 305' per NM to 500.

**Rwys 22L/R**, heading as assigned by ATC; requires min. climb of 320' per NM to 3700.

**Rwy 26L**, heading as assigned by ATC; requires min. climb of 360' per NM to 3700.

**Rwy 26R**, heading as assigned by ATC; requires min. climb of 430' per NM to 4400.

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## KAHULUI, HI

KAHULUI (OGG) (PHOG)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 7 29MAY14 (14149) (FAA)

TAKEOFF MINIMUMS:

**Rwy 23**, NA-ATC.

DEPARTURE PROCEDURE:

**Rwy 2**, climb on a heading 316° CW 052° from DER to 10600 before proceeding on course.**Rwy 5**, climb on a heading 312° CW 040° from DER to 10700 before proceeding on course.**Rwy 20**, climb on heading 185° from DER to 11000 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

**Rwy 2**, bush and trees beginning 190' from DER, 363' left of centerline, up to 60' AGL/79' MSL.

Bushes and obstruction light on building beginning 339' from DER, 289' right of centerline, up to 20' AGL/25' MSL.

**Rwy 5**, tree 2359' from DER, 512' left of centerline, 56' AGL/75' MSL.

Fence 20' from DER, 304' right of centerline, 11' AGL/31' MSL.

Bushes, trees and fence beginning 228' from DER, 300' right of centerline, up to 76' AGL/95' MSL.

## DIVERSE VECTOR AREA (RADAR VECTORS)

AMDT 2 05OCT23 (23278) (FAA)

**Rwys 2, 5**, heading as assigned by ATC.**Rwy 20**, heading as assigned by ATC; requires min climb of 490'/NM to 5000.

## KAILUA-KONA, HI

ELLISON ONIZUKA KONA INTL AT KEAHOLE (KOA) (PHKO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 5A 29MAR18 (18088) (FAA)

DEPARTURE PROCEDURE:

**Rwy 17**, climb on heading 174° to 500 then climbing right turn heading 357° and KOA R-327 to MYNAH INT for assigned route.**Rwy 35**, eastbound climb on heading 354° to intercept MUE R-246 for assigned route; northwest bound climb heading 354° to 500 then climbing left turn to assigned route.

TAKEOFF OBSTACLE NOTES:

**Rwy 17**, obstruction light on AMOM at DER, 350' right of centerline, 25' AGL/62' MSL.**Rwy 35**, tree 1606' from DER, 7211' right of centerline, 15' AGL/94' MSL.

## DIVERSE VECTOR AREA (RADAR VECTORS)

AMDT 1 15OCT15 (15288) (FAA)

**Rwys 17, 35**, heading as assigned by ATC.

## KALAUPAPA, HI

KALAUPAPA (LUP) (PHLU)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 10MAR11 (11069) (FAA)

DEPARTURE PROCEDURE:

Use KALAUPAPA ONE DEPARTURE.

## KAMUELA, HI

WAIMEA-KOHALA (MUE) (PHMU)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 17MAR05 (05076) (FAA)

TAKEOFF MINIMUMS:

**Rwy 4**, 400-2 or std. with a min. climb of 240' per NM to 3100.

DEPARTURE PROCEDURE:

**Rwy 4**, climb via heading 041° to 3100 then climbing right turn via heading 080° and MUE VOR/DME R-057 to 6000 to VELLA INT, then as assigned.**Rwy 22**, climb via heading 233° and MUE VOR/DME R-234 to 5000 to JASON INT, then as assigned.

TAKEOFF OBSTACLE NOTES:

**Rwy 4**, windsock 158' from DER, 299' right of centerline, 25' AGL/2702' MSL.

Fence 2754' from DER, 323' right of centerline, 12' AGL/2741' MSL.

Tree 5200' from DER, 179' right of centerline, 50' AGL/2817' MSL.

Tree 5331' from DER, 110' left of centerline, 50' AGL/2829' MSL.

Tree 1.3 NM from DER, 739' right of centerline, 50' AGL/2864' MSL.

Tree 1.3 NM from DER, 1741' left of centerline, 50' AGL/2889' MSL.

Antenna 1.8 NM from DER, 1094' left of centerline 152' AGL/2992' MSL.

Rising terrain beginning 1.5 NM from DER, 3.9 NM left of centerline, up to 13796' MSL.

**Rwy 22**, cactus at DER, 191' left of centerline, 10' AGL/2668' MSL.

Tree at DER, 353' right of centerline, 50' AGL/2687' MSL.

Bush 673' from DER, 186' left of centerline, 30' AGL/2673' MSL.

Pole 1058' from DER, 124' left of centerline, 20' AGL/2683' MSL.

Rapidly rising terrain beginning 1.5 NM from DER, 4209' left of centerline, up to 5513' MSL.

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

24025

## KANEOHE BAY MCAS (NGF) (PHNG)

MOKAPU POINT, HI

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 12AUG21 (21224) (USN)

TAKEOFF MINIMUMS:

**Rwy 4**, diverse departures authorized 335° clockwise 020°.**Rwy 22**, diverse departure NA. Std w/min climb of 975'/NM to 3900 or 1300-3 for VCOA.

VCOA:

Obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross NGF TACAN at or above 1200, intercept NGF TACAN R-340 or R-360 as assigned by ATC. Do not exceed 250Kt until passing NGF.

TAKEOFF OBSTACLE NOTES:

**Rwy 4**, terrain 0' from DER, 484' right of centerline, 26' MSL.

Terrain 28' from DER, 479' right of centerline, 26' MSL.

## KAPOLEI, OAHU ISLAND, HI

KALAELOA (JOHN RODGERS FLD) (JRF) (PHJR)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 22OCT09 (21112) (FAA)

DEPARTURE PROCEDURE:

DME required.

**Rwys 4L, 4R, 11**, climb heading 200° to intercept HNL VORTAC R-241 to GECKO/HNL 22.4 DME before proceeding on course.**Rwys 22L, 22R**, climb heading 224° to intercept HNL VORTAC R-241 to GECKO/HNL 22.4 DME before proceeding on course.**Rwy 29**, climb heading 210° to intercept HNL VORTAC R-241 to GECKO/HNL 22.4 DME before proceeding on course.

TAKEOFF OBSTACLE NOTES:

**Rwy 11**, tree 1533' from DER, 831' left of centerline, 60' AGL/70' MSL.**Rwy 22L**, vehicles on road 305' from DER, 195' left of centerline, 15' AGL/26' MSL.**Rwy 29**, tree 1794' from DER, 573' left of centerline, 60' AGL/99' MSL.

## KAUNAKAKAI, HI

MOLOKAI (MKK) (PHMK)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 6 19MAY14 (14149) (FAA)

DEPARTURE PROCEDURE:

Use KAUNAKAKAI DEPARTURE.

DIVERSE VECTOR AREA (RADAR VECTORS)

AMDT 1 15OCT15 (15288) (FAA)

**Rwy 17**, heading as assigned by ATC.**Rwy 23**, heading as assigned by ATC; requires minimum climb of 460' per NM to 2000.

## KOSRAE, FM

KOSRAE (TTK) (PTSA)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 12MAR09 (09071) (FAA)

CAUTION: Ships with masts to 200' traverse harbor entrance located on west side of runway.

DEPARTURE PROCEDURE:

**Rwy 5**, left turn.**Rwy 23**, right turn, climb to 2000 or above before turning east.

## LANAI CITY, HI

LANAI (LNY) (PHNY)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 5 27AUG09 (09239) (FAA)

TAKEOFF MINIMUMS:

**Rwy 3**, 400-1 or std. w/ min. climb of 370' per NM to 2700 or 2500-3 for climb in visual conditions.

DEPARTURE PROCEDURE:

**Rwy 3**, climb heading 033° to 1720 before turning left. Climb heading 300° or 180° to intercept route or airway, then continue as cleared. Maintain maximum 210 kts until turn is completed or for climb in visual conditions cross LNY VORTAC eastbound at or above 3700.**Rwy 21**, climb heading 213° to assigned altitude. Eastbound - climb westbound to cross LNY VORTAC eastbound at or above 2700 and climb as cleared. Westbound - climb direct LNY VORTAC then via assigned route.

TAKEOFF OBSTACLE NOTES:

**Rwy 3**, multiple poles, trees, and terrain beginning 2108' from DER, 1011' left of centerline, up to 200' AGL/2202' MSL.**Rwy 21**, lighted windsock 8' from DER, 191' right of centerline, 30' AGL/1323' MSL.

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## LIHUE, HI

### LIHUE (LIH) (PHLI)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 9 15JUN23 (23166) (FAA)

DEPARTURE PROCEDURE:

Use KAUAI DEPARTURE.

#### TAKEOFF OBSTACLE NOTES:

**Rwy 3**, NAVAID 85' from DER, 418' left of centerline, 8' AGL/85' MSL.

Trees beginning 221' from DER, 188' right of centerline, up to 35' AGL/88' MSL.

Trees beginning 240' from DER, 19' right of centerline, up to 43' AGL/95' MSL.

Trees beginning 250' from DER, 7' left of centerline, up to 34' AGL/93' MSL.

Trees beginning 395' from DER, 38' left of centerline, up to 34' AGL/94' MSL.

Trees beginning 415' from DER, 39' left of centerline, up to 39' AGL/95' MSL.

Trees beginning 431' from DER, 38' left of centerline, up to 34' AGL/103' MSL.

Trees beginning 473' from DER, 14' left of centerline, up to 50' AGL/107' MSL.

Tree 541' from DER, 4' right of centerline, 54' AGL/103' MSL.

Trees beginning 548' from DER, 8' right of centerline, up to 56' AGL/104' MSL.

Tree 972' from DER, 676' left of centerline, 68' AGL/115' MSL.

Tree 1563' from DER, 538' left of centerline, 90' AGL/127' MSL.

Tree 1750' from DER, 783' left of centerline, 120' AGL/165' MSL.

**Rwy 17**, light poles 4' from DER, 6' left of centerline, 2' AGL/94' MSL.

Tree 135' from DER, 272' right of centerline, 10' AGL/95' MSL.

Trees beginning 857' from DER, 565' right of centerline, up to 45' AGL/131' MSL.

Tree 1289' from DER, 734' right of centerline, 57' AGL/132' MSL.

**Rwy 21**, light poles 9' from DER, 54' left of centerline, 3' AGL/154' MSL.

Light poles 9' from DER, 55' right of centerline, 3' AGL/155' MSL.

Terrain 33' from DER, 457' right of centerline, 156' MSL.

Pole 192' from DER, 546' left of centerline, 44' AGL/183' MSL.

Pole 366' from DER, 550' left of centerline, 46' AGL/184' MSL.

Tree, pole beginning 497' from DER, 563' left of centerline, up to 70' AGL/206' MSL.

Trees beginning 1148' from DER, 231' right of centerline, up to 42' AGL/203' MSL.

Tree 1457' from DER, 185' right of centerline, 67' AGL/212' MSL.

Trees beginning 1466' from DER, 53' right of centerline, up to 77' AGL/230' MSL.

Trees beginning 1510' from DER, 62' right of centerline, up to 87' AGL/241' MSL.

Tree 1536' from DER, 3' left of centerline, 70' AGL/208' MSL.

Tree, pole beginning 1660' from DER, 9' right of centerline, up to 96' AGL/248' MSL.

Trees beginning 1903' from DER, 267' left of centerline, up to 68' AGL/217' MSL.

Tree 2017' from DER, 280' left of centerline, 70' AGL/218' MSL.

Trees beginning 2029' from DER, 296' left of centerline, up to 73' AGL/221' MSL.

Trees beginning 2212' from DER, 337' left of centerline, up to 82' AGL/227' MSL.

Tree 3102' from DER, 442' left of centerline, 107' AGL/231' MSL.

Trees beginning 2.1 NM from DER, 2126' left of centerline, up to 3' AGL/896' MSL.

Tree 2.2 NM from DER, 2973' left of centerline, 25' AGL/947' MSL.

Trees beginning 2.2 NM from DER, 2747' left of centerline, up to 212' AGL/1329' MSL.

Tree 2.3 NM from DER, 3671' left of centerline, 2' AGL/1474' MSL.

Tree 2.4 NM from DER, 4032' left of centerline, 100' AGL/1488' MSL.

Trees beginning 2.4 NM from DER, 2595' left of centerline, up to 100' AGL/1488' MSL.

Trees beginning 2.5 NM from DER, 3483' left of centerline, up to 23' AGL/1294' MSL.

**Rwy 35**, fence 40' from DER, 308' right of centerline, 13' AGL/94' MSL.

Tree 106' from DER, 435' right of centerline, 19' AGL/100' MSL.

Trees beginning 203' from DER, 379' right of centerline, up to 51' AGL/131' MSL.

#### DIVERSE VECTOR AREA (RADAR VECTORS)

AMDT 1 15OCT15 (15288) (FAA)

**Rwys 3, 17**, heading as assigned by ATC.

**Rwy 21**, heading as assigned by ATC; requires min. climb of 400' per NM to 4500.

**Rwy 35**, heading as assigned by ATC; requires min. climb of 230' per NM to 700.

## MAJURO ATOLL, MH

### AMATA KABUA INTL (MAJ) (PKMJ)

#### TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 08APR10 (21224) (FAA)

#### TAKEOFF OBSTACLE NOTES:

**Rwy 7**, antenna on building 215' from DER, 446' left of centerline, 48' AGL/54' MSL.

Obstruction light on AMOM 44' from DER, 269' left of centerline, 33' AGL/39' MSL.

Obstruction light on WSK 10' from DER, 245' right of centerline, 23' AGL/29' MSL.

Tree 934' from DER, 243' left of centerline, 39' AGL/45' MSL.

Bush 555' from DER, 187' right of centerline, 17' AGL/23' MSL.

**Rwy 25**, obstruction light on WSK 11' from DER, 246' left of centerline, 23' AGL/29' MSL.

Post 51' from DER, 252' right of centerline, 8' AGL/14' MSL.

Tree 996' from DER, 39' left of centerline, 31' AGL/37' MSL.

Tree 563' from DER, 5' right of centerline, 20' AGL/26' MSL.

Bushes beginning 207' from DER, from 124' left to 207' right of centerline, up to 14' AGL/20' MSL.

Vehicle on roadway 130' from DER, 241' right of centerline, 15' AGL/20' MSL.

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## PAGO PAGO, AS

PAGO PAGO INTL (PPG) (NSTU)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 12MAR09 (09071) (FAA)

TAKEOFF MINIMUMS:

**Rwy 23**, std. w/ min. climb of 320' per NM to 800, or 2700-3 for climb in visual conditions.**Rwy 26**, NA-obstacles.

DEPARTURE PROCEDURE:

**Rwys 5, 8**, climbing right turn southbound between TUT R-090 clockwise to R-180 to 2800, then proceed on course.**Rwy 23**, climbing left turn heading 150° southbound between TUT R-090 clockwise to R-180 to 2800, then proceed on course. For climb in visual conditions: cross Pago Pago Intl airport at or above 2600 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

**Rwy 5**, bush 1' from DER, 237' right of centerline, 3' AGL/12' MSL.

Bush 379' from DER, 362' left of centerline, 14' AGL/23' MSL.

Ship 998' from DER, 57' right of centerline, 150' AGL/150' MSL.

**Rwy 8**, bush 689' from DER, 360' left of centerline, 15' AGL/23' MSL.

Ship 1435' from DER, 304' left of centerline, 150' AGL/150' MSL.

**Rwy 23**, multiple trees beginning 352' from DER, 173' left of centerline, up to 20' AGL/132' MSL.

Multiple trees beginning 881' from DER, 296' right of centerline, up to 20' AGL/172' MSL.

Multiple trees and poles beginning 1.6 NM from DER, 38' right of centerline, up to 367' AGL/554' MSL.

Tree 2.3 NM from DER, 2126' left of centerline, 20' AGL/387' MSL.

## POHNPEI ISLAND, FM

POHNPEI INTL (PNI) (PTPN)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMD T 3 27APR17 (17117) (FAA)

TAKEOFF MINIMUMS:

**Rwy 27**, 300-1½ or std. w/min. climb of 215' per NM to 300, or alternatively, with standard takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1400' prior to DER.

DEPARTURE PROCEDURE:

**Rwy 9**, Climb on a heading between 264° CW 083° from DER to 2600 before proceeding on course.**Rwy 27**, Climb on a heading between 264° CW 083° from DER to 2600 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

**Rwy 27**, fence 92' from DER, left to right of centerline, up to 9' AGL/15' MSL.

Tree 1.2 NM from DER, 1175' left of centerline, 62' AGL/203' MSL.

CAUTION: **Rwy 27**, ships with maximum height of 150' MSL may traverse Pohnpei channel 400' off DER, closing airport at times.

## ROTA ISLAND, CQ

BENJAMIN TAISACAN MANGLONA INTL (GRO) (PGRO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMD T 2 06FEB14 (14037) (FAA)

DEPARTURE PROCEDURE:

**Rwy 9**, climb heading 090° to 1400 before turning.**Rwy 27**, climb heading 270° to 2200 before turning southbound.

TAKEOFF OBSTACLE NOTES:

**Rwy 9**, tree 514' from DER, 418' left of centerline, up to 30' AGL/638' MSL.**Rwy 27**, tree 1203' from DER, 581' left of centerline, up to 30' AGL/618' MSL.

## SAIPAN ISLAND, CQ

FRANCISCO C ADA/SAIPAN INTL (GSN) (PGSN)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 12MAR09 (09071) (FAA)

DEPARTURE PROCEDURE:

**Rwys 7, 25**, climb on runway heading to 1600 before climbing on course.

## TINIAN ISLAND, CQ

FRANCISCO MANGLONA BORJA/TINIAN INTL (TNI) (PGWT)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMD T 1 27AUG09 (23222) (FAA)

TAKEOFF OBSTACLE NOTES:

**Rwy 8**, trees beginning 694' from DER, 507' left of centerline, up to 100' AGL/363' MSL.

Multiple trees beginning 569' from DER, 471' right of centerline, up to 100' AGL/389' MSL.

**Rwy 26**, multiple trees beginning 743' from DER, 508' right of centerline, up to 100' AGL/363' MSL.

25 JAN 2024 to 21 MAR 2024

25 JAN 2024 to 21 MAR 2024

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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## WAKE ISLAND AFLD (AWK) (PWAK)

WAKE ISLAND, QW

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 (19227)

TAKEOFF OBSTACLE NOTES:

**Rwy 10**, terrain 0' from DER, 500' left of centerline, 23' MSL.

Terrain 48' from DER, 110' left of centerline, 23' MSL.

Bunker 819' from DER, 370' right of centerline, 12' AGL/40' MSL.

Bunker 377' from DER, 497' left of centerline, 15' AGL/41' MSL.

Bush 383' from DER, 483' left of centerline, 7' AGL/45' MSL.

Bush 813' from DER, 367' right of centerline, 6' AGL/40' MSL.

**Rwy 28**, terrain 0' inward of DER, 484' right of centerline, 25' MSL.

Terrain 75' from DER, 510' right of centerline, 26' MSL.

## WENO ISLAND, FM

CHUUK INTL (TKK) (PTKK)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 11FEB10 (10042) (FAA)

DEPARTURE PROCEDURE:

**Rwy 4**, climb heading 041° to 1100 before proceeding on course.**Rwy 22**, climb heading 221° to 1500 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

**Rwy 4**, bush 205' from DER, 203' right of centerline, 7' AGL/17' MSL.**Rwy 22**, bush 5' from DER, 241' right of centerline, 14' AGL/24' MSL.

Bush 221' from DER, 85' right of centerline, 7' AGL/17' MSL.

CAUTION: Ships with superstructure to 150' traverse channels west of runway 4/22.

## WHEELER AAF (HHI) (PHHI)

WAHIAWA, HI

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 7 07SEP23 (23250) (USA)

TAKEOFF MINIMUMS:

**Rwy 6**, 300-1 w/min climb of 357'/NM to 3600 or std w/min climb of 473'/NM to 2900.**Rwy 24**, NA-Obstacles.

DEPARTURE PROCEDURE:

**Rwy 6**, climbing right turn to hdg 150° to intercept CKH VORTAC R-294 to CKH VORTAC.

TAKEOFF OBSTACLE NOTES:

**Rwy 6**, pylon 5417' from DER, 33' right of centerline, 90' AGL/979' MSL.

Pylon 3192' from DER, 858' left of centerline, 100' AGL/972' MSL.

Pylon 3182' from DER, 845' left of centerline, 100' AGL/972' MSL.

Pylon 4800' from DER, 113' left of centerline, 90' AGL/966' MSL.

Pylon 3954' from DER, 644' left of centerline, 100' AGL/962' MSL.

Pylon 3612' from DER, 357' left of centerline, 90' AGL/959' MSL.

Pylon 2802' from DER, 512' left of centerline, 90' AGL/956' MSL.

## YAP ISLAND, FM

YAP INTL (T11) (PTYA)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 08DEC94 (94342) (FAA)

DEPARTURE PROCEDURE:

**Rwy 7**, climbing right turn to 1500 via 090° bearing from YP NDB/DME, then climb on course.**Rwy 25**, climb to 500, then climb on course.

25 JAN 2024 to 21 MAR 2024

25 JAN 2024 to 21 MAR 2024

# TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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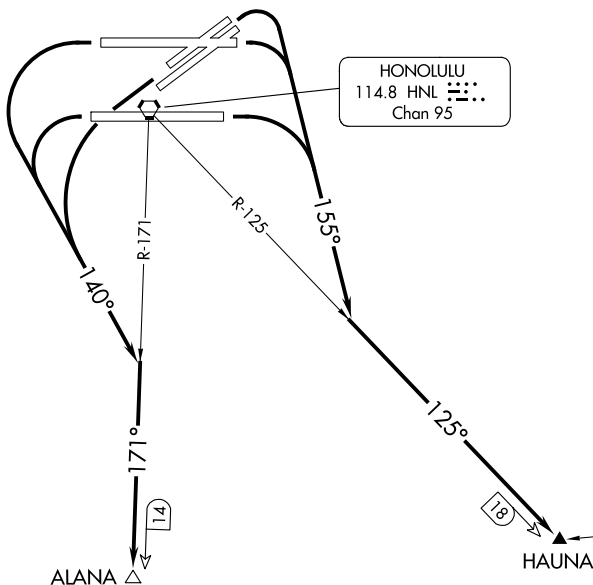
PAC

(HNL2.HNL) 23334

# HONOLULU TWO DEPARTURE (OBSTACLE)

DANIEL K INOUYE INTL (HNL) (PHNL)  
AL-754 (FAA) HONOLULU, HAWAII

HCF APPROACH  
 EAST 124.8 317.6  
 WEST 118.3 269.0  
 D-ATIS  
 127.9 251.15  
 CLNC DEL  
 121.4 281.4  
 GND CON  
 121.9 348.6  
 HONOLULU TOWER  
 118.1 257.8  
 123.9 273.575 (Rwy 8R/26L)



### TAKEOFF MINIMUMS

Rwys 4W, 8W, 22W, 26W: NA-ATC.

Rwys 22L/R, 26R: Standard.

Rwys 4L/R: Standard with minimum climb of 425' per NM to 1900, do not exceed 180K until southeast bound on 155° heading, or 1700-2½ for VCOA.

Rwy 8L: Standard with minimum climb of 310' per NM to 1000, or 1700-2½ for VCOA.

Rwy 8R: Standard with minimum climb of 270' per NM to 1000, or 1700-2½ for VCOA.

Rwy 26L: Standard with minimum climb of 237' per NM to 300, or 1700-2½ for VCOA.

(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

### DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 4L/R, 8L/R: Climbing right turn to 3000 on heading 155° to intercept HNL R-125 to HAUNA INT before proceeding on course, or . . .

TAKEOFF RUNWAYS 22L/R, 26L/R: Climbing left turn to 3000 on heading 140° to intercept HNL R-171 to ALANA INT before proceeding on course, or . . .

. . . for visual climb over airport: obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Daniel K. Inouye Intl Airport southbound at 1600, continue climb to 3000 on HNL R-171 to ALANA INT before proceeding on course.

# HONOLULU TWO DEPARTURE (OBSTACLE)

(HNL2.HNL) 08NOV18

DANIEL K INOUYE INTL (HNL) (PHNL)  
HONOLULU, HAWAII

PAC, 25 JAN 2024 to 21 MAR 2024

PAC, 25 JAN 2024 to 21 MAR 2024

TAKEOFF OBSTACLE NOTES

Rwy 4L: Multiple lights beginning 630' from DER, 236' left of centerline, 102' right of centerline, up to 84' AGL/92' MSL.

Light on building 669' from DER, 394' left of centerline, 29' AGL/37' MSL.

Stack on building 2488' from DER, 219' right of centerline, 72' AGL/80' MSL.

Multiple trees beginning 1253' from DER, 209' left of centerline, 935' right of centerline, up to 64' AGL/72' MSL.

Bush 450' from DER, 234' left of centerline, 14' AGL/22' MSL.

Rwy 4R: Stack on building, 2442' from DER, 283' left of centerline, 72' AGL/80' MSL.

Multiple trees beginning 1206' from DER, 711' left of centerline, 433' right of centerline, up to 64' AGL/72' MSL.

Multiple lights beginning 1072' from DER, 399' left of centerline, 504' right of centerline, up to 36' AGL/44' MSL.

Pole 2110' from DER, 951' left of centerline, 59' AGL/67' MSL.

Rwy 22L: Multiple bushes beginning 265' from DER, 396' right of centerline, up to 17' AGL/31' MSL.

Tree 1065' from DER, 499' right of centerline, 30' AGL/38' MSL.

Rwy 22R: Rod on obstruction light ASR 1451' from DER, 827' right of centerline, 76' AGL/84' MSL.

Tree 853' from DER, 308' right of centerline, 43' AGL/51' MSL.

Rwy 26L: Ship 1.1 NM from DER, on centerline, 208' AGL/208' MSL.

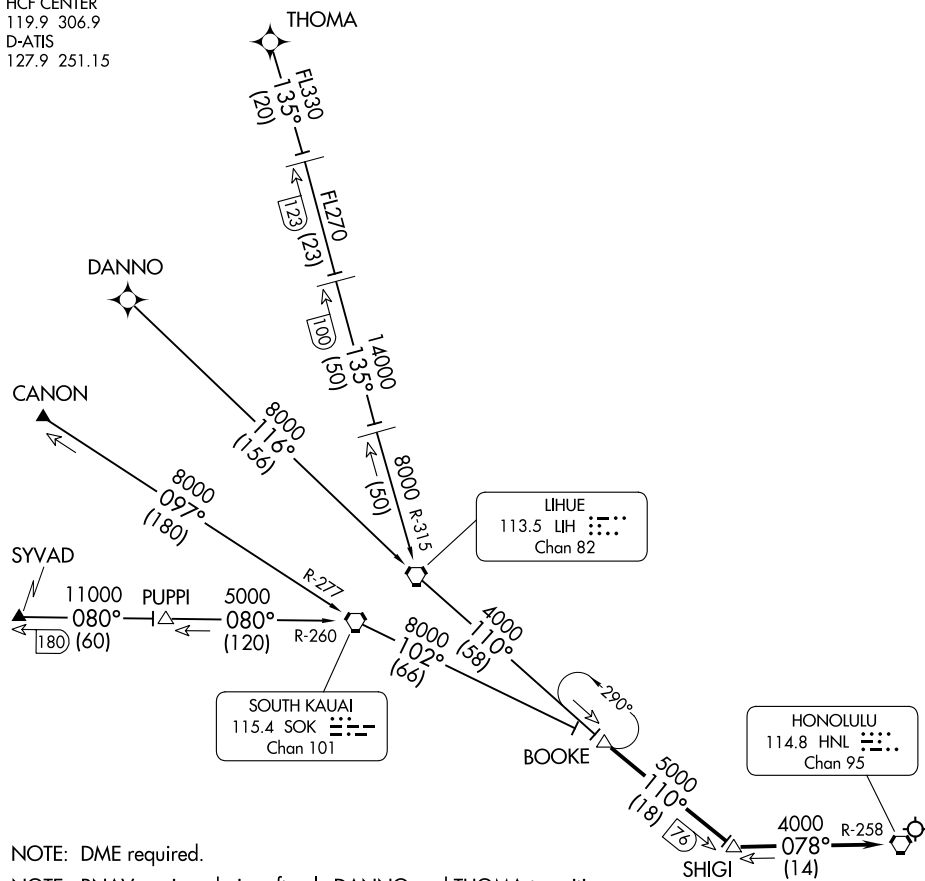
Rwy 26R: Multiple light poles beginning 2120' from DER, 813' right of centerline, up to 105' AGL/111' MSL.

PAC, 25 JAN 2024 to 21 MAR 2024

PAC, 25 JAN 2024 to 21 MAR 2024



HCF CENTER  
119.9 306.9  
D-ATIS  
127.9 251.15



NOTE: DME required.

NOTE: RNAV equipped aircraft only DANNO and THOMA transitions.

NOTE: Chart not to scale

ARRIVAL ROUTE DESCRIPTION

**CANON TRANSITION (CANON.BOOKE8):** From over CANON INT via SOK R-277 to SOK VORTAC. Then via SOK R-102 to BOOKE DME. Thence. . .

**DANNO TRANSITION (DANNO.BOOKE8):** From over DANNO WP via RNAV 116° course to LIH VORTAC. Then via LIH R-110 to BOOKE DME. Thence. . .

**SYVAD TRANSITION (SYVAD.BOOKE8):** From over SYVAD INT via SOK R-260 to SOK VORTAC. Then via SOK R-102 to BOOKE DME. Thence. . .

**THOMA TRANSITION (THOMA.BOOKE8):** From over THOMA WP via RNAV 135° course to LIH 123 DME, then LIH R-315 to LIH VORTAC. Then via LIH R-110 to BOOKE DME. Thence. . .

. . . From over BOOKE DME via LIH R-110 and HNL R-258 to HNL VORTAC. Expect RADAR vectors.

(BAMBO.INOY11) 20030

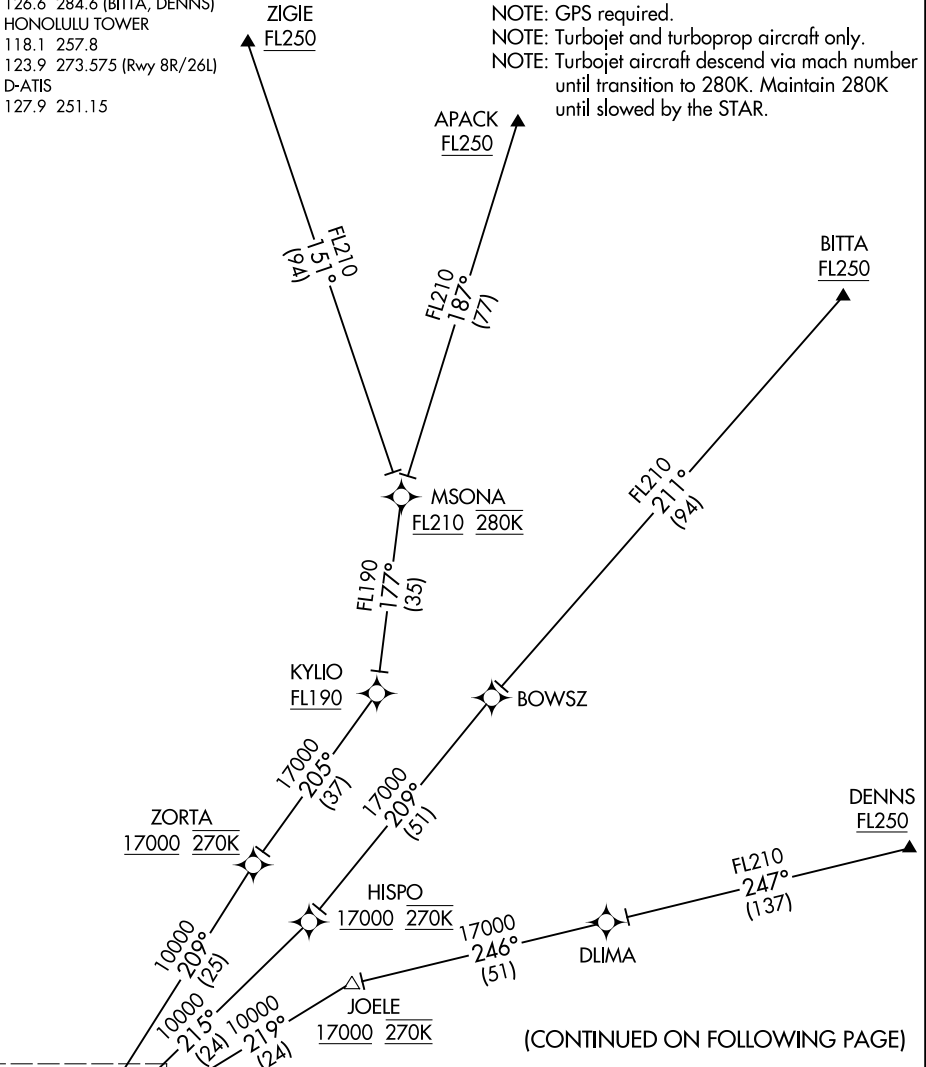
AL-754 (FAA)

DANIEL K INOUE INTL (HNL) (PHNL)  
HONOLULU, HAWAII

# INOYI ONE ARRIVAL (RNAV) Transition Routes

HCF CENTER  
127.6 291.6 (APACK, ZIGIE)  
126.6 284.6 (BITTA, DENNS)  
HONOLULU TOWER  
118.1 257.8  
123.9 273.575 (Rwy 8R/26L)  
D-ATIS  
127.9 251.15

NOTE: RADAR required.  
NOTE: RNAV 1.  
NOTE: GPS required.  
NOTE: Turbojet and turboprop aircraft only.  
NOTE: Turbojet aircraft descend via mach number until transition to 280K. Maintain 280K until slowed by the STAR.



(CONTINUED ON FOLLOWING PAGE)

- APACK TRANSITION (APACK.INOY11)
- BITTA TRANSITION (BITTA.INOY11)
- DENNS TRANSITION (DENNS.INOY11)
- JOELE TRANSITION (JOELE.INOY11)
- ZIGIE TRANSITION (ZIGIE.INOY11)

See following page for Arrival Routes.

NOTE: Chart not to scale.

PAC: 25 JAN 2024 to 21 MAR 2024

PAC: 25 JAN 2024 to 21 MAR 2024

# INOYI ONE ARRIVAL (RNAV) Transition Routes

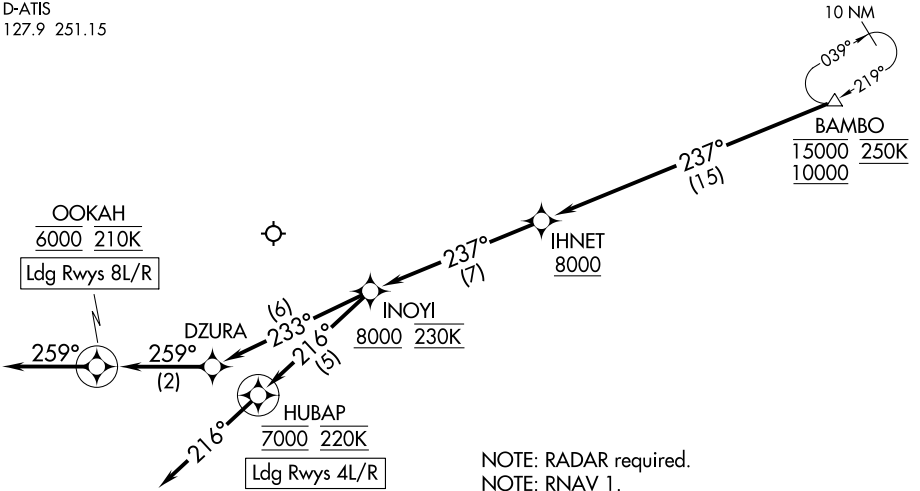
(BAMBO.INOY11) 30JAN20

HONOLULU, HAWAII

DANIEL K INOUE INTL (HNL) (PHNL)

# INOYI ONE ARRIVAL (RNAV) Arrival Routes

HCF CENTER  
127.6 291.6 (APACK, ZIGIE)  
126.6 284.6 (BITTA, DENNS)  
HONOLULU TOWER  
118.1 257.8  
123.9 273.575 (Rwy 8R/26L)  
D-ATIS  
127.9 251.15



- NOTE: RADAR required.
- NOTE: RNAV 1.
- NOTE: GPS required.
- NOTE: Turbojet and turboprop aircraft only.
- NOTE: Turbojet aircraft descend via mach number until transition to 280K. Maintain 280K until slowed by the STAR.

## ARRIVAL ROUTE DESCRIPTION

From BAMBO on track 237° to cross IHNET at or above 8000, then on track 237° to cross INOYI at or above 8000 and at 230K.

LANDING RUNWAY 4L: From INOYI on track 216° to cross HUBAP at 7000 and at 220K, then on track 216°. Expect RADAR vectors to final approach course or visual approach.

LANDING RUNWAY 4R: From INOYI on track 216° to cross HUBAP at 7000 and at 220K, then on track 216°. Expect RNAV RNP/ILS/GPS approach or RADAR vectors to final approach course.

LANDING RUNWAY 8L: From INOYI on track 233° to DZURA, then on track 259° to cross OOKAH at 6000 and at 210K, then on heading 259°. Expect RNAV RNP/ILS/GPS approach or RADAR vectors to final approach course.

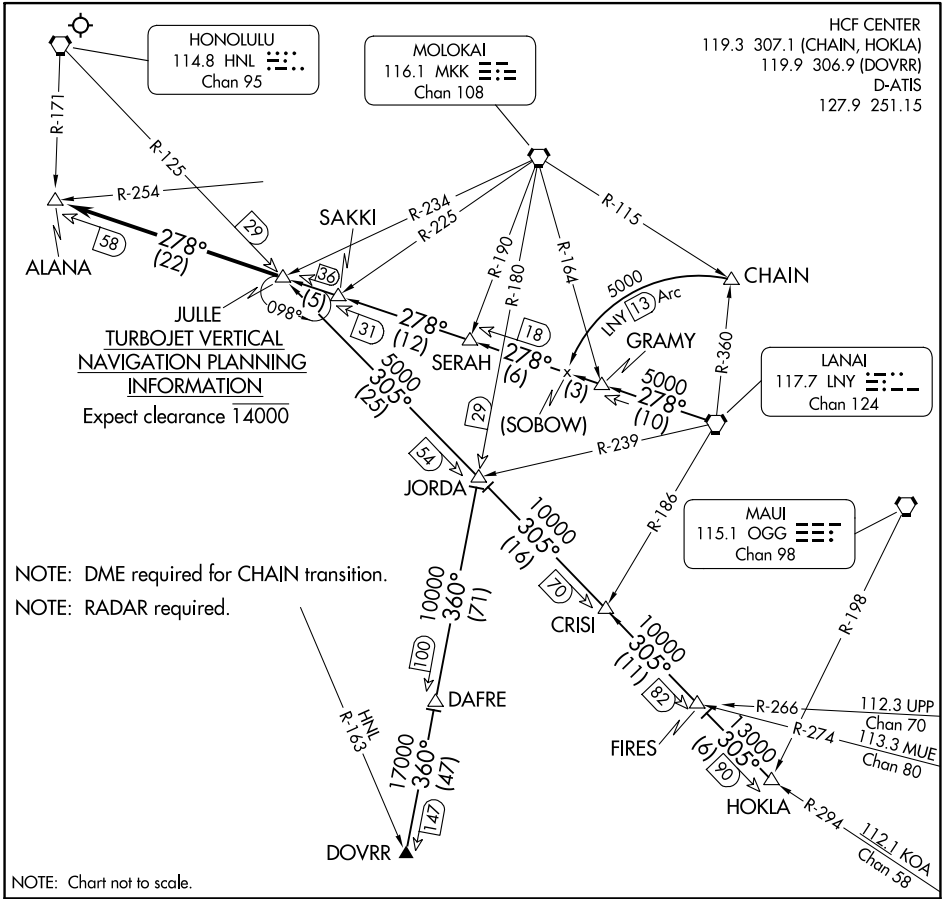
LANDING RUNWAY 8R: From INOYI on track 233° to DZURA, then on track 259° to cross OOKAH at 6000 and at 210K, then on heading 259°. Expect RADAR vectors to final approach course or visual approach.

(JULLE.JULLE5) 23334

# JULLE FIVE ARRIVAL

AL-754 (FAA)

DANIEL K INOUYE INTL (HNL) (PHNL)  
HONOLULU, HAWAII



NOTE: DME required for CHAIN transition.

NOTE: RADAR required.

NOTE: Chart not to scale.

## ARRIVAL ROUTE DESCRIPTION

**CHAIN TRANSITION (CHAIN.JULLE5):** From over CHAIN INT on LNY 13 DME CCW arc to SOBOW then via LNY R-278 to JULLE INT. Thence. . .

**DOVRR TRANSITION (DOVRR.JULLE5):** From over DOVRR INT via MKK R-180 to JORDA INT then via HNL R-125 to JULLE INT. Thence. . .

**HOKLA TRANSITION (HOKLA.JULLE5):** From over HOKLA INT via HNL R-125 and KOA R-294 on HNL R-125 to JULLE INT. Thence. . .

**LANAI TRANSITION (LNY.JULLE5):** From over LNY VORTAC via LNY R-278 to JULLE INT. Thence. . .

. . . From over JULLE INT on LNY R-278 to ALANA INT. Expect vectors to final approach course.

**LOST COMMUNICATIONS:** At ALANA INT proceed with the VOR or TACAN RWY 4R approach.

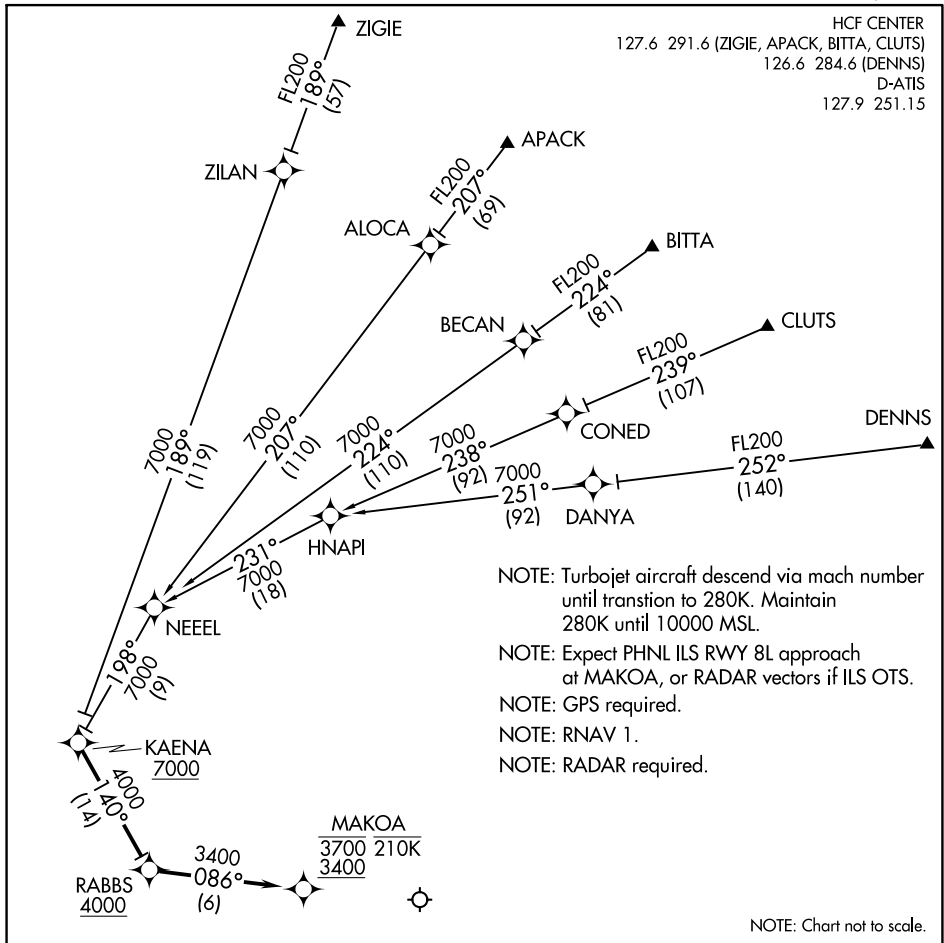
# JULLE FIVE ARRIVAL

(JULLE.JULLE5) 25AUG11

HONOLULU, HAWAII  
DANIEL K INOUYE INTL (HNL) (PHNL)

PAC, 25 JAN 2024 to 21 MAR 2024

PAC, 25 JAN 2024 to 21 MAR 2024



PAC, 25 JAN 2024 to 21 MAR 2024

PAC, 25 JAN 2024 to 21 MAR 2024

NOTE: Chart not to scale.

**ARRIVAL ROUTE DESCRIPTION**

- APACK TRANSITION (APACK.KAENA2)
- BITTA TRANSITION (BITTA.KAENA2)
- CLUTS TRANSITION (CLUTS.KAENA2)
- DENNS TRANSITION (DENNS.KAENA2)
- ZIGIE TRANSITION (ZIGIE.KAENA2)

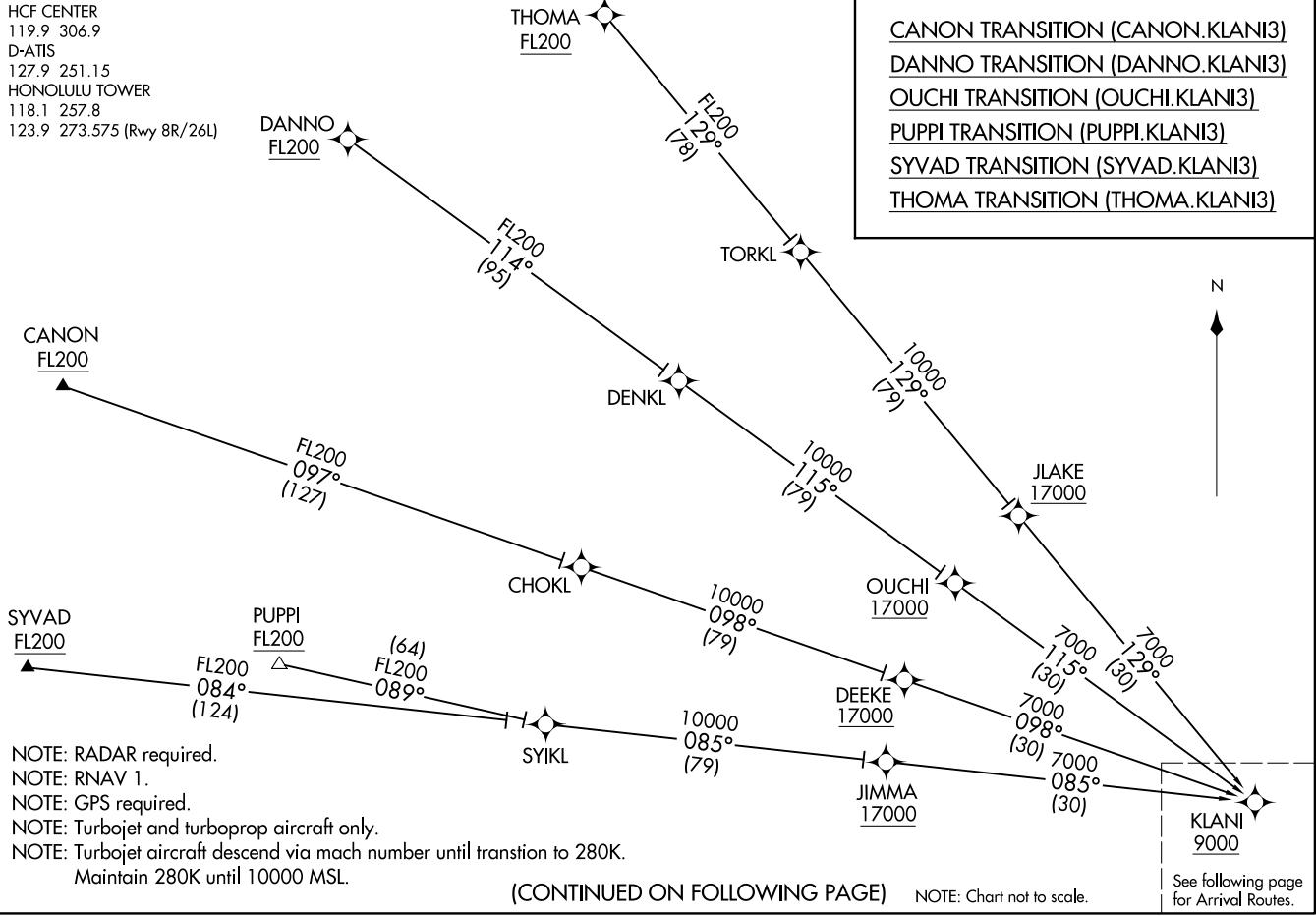
From KAENA as depicted to MAKOA. Cross RABBS at/above 4000, cross MAKOA at/below 3700 and at/above 3400 and at/below 210K.  
 Expect PHNL ILS RWY 8L approach.

LOST COMMUNICATIONS: Descend via the KAENA ARRIVAL. At MAKOA, cleared PHNL ILS RWY 8L approach.

KLANI THREE ARRIVAL (RNAV) Transition Routes  
(KLANI.KLANI3) 30JAN20  
HONOLULU, HAWAII  
DANIEL K INOUE INTL (HNL) (PHNL)

HCF CENTER  
119.9 306.9  
D-ATIS  
127.9 251.15  
HONOLULU TOWER  
118.1 257.8  
123.9 273.575 (Rwy 8R/26L)

CANON TRANSITION (CANON.KLANI3)  
DANNO TRANSITION (DANNO.KLANI3)  
OUCHI TRANSITION (OUCHI.KLANI3)  
PUPPI TRANSITION (PUPPI.KLANI3)  
SYVAD TRANSITION (SYVAD.KLANI3)  
THOMA TRANSITION (THOMA.KLANI3)



NOTE: RADAR required.  
NOTE: RNAV 1.  
NOTE: GPS required.  
NOTE: Turbojet and turboprop aircraft only.  
NOTE: Turbojet aircraft descend via mach number until transtion to 280K.  
Maintain 280K until 10000 MSL.

(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

See following page for Arrival Routes.

(KLANI.KLANI3) 20030  
AL-754 (FAA) DANIEL K INOUE INTL (HNL) (PHNL)  
HONOLULU, HAWAII  
KLANI THREE ARRIVAL (RNAV) Transition Routes

### ARRIVAL ROUTE DESCRIPTION

From KLANI on track 111° to cross BAFRE at or above 8000, then on track 111° to SHLLS.

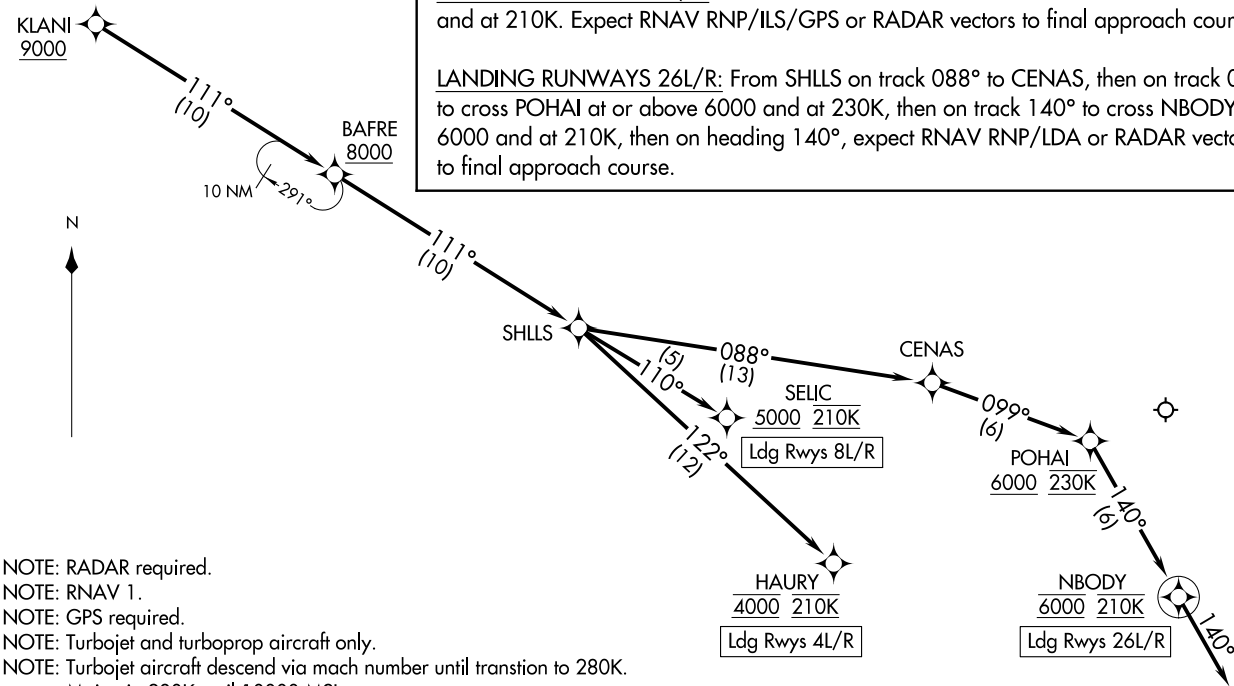
LANDING RUNWAYS 4L/R: From SHLLS on track 122° to cross HAURY at 4000 and at 210K, expect RNAV RNP/ILS/GPS or RADAR vectors to final approach course.

LANDING RUNWAYS 8L/R: From SHLLS on track 110° to cross SELIC at or above 5000 and at 210K. Expect RNAV RNP/ILS/GPS or RADAR vectors to final approach course.

LANDING RUNWAYS 26L/R: From SHLLS on track 088° to CENAS, then on track 099° to cross POHAI at or above 6000 and at 230K, then on track 140° to cross NBODY at 6000 and at 210K, then on heading 140°, expect RNAV RNP/LDA or RADAR vectors to final approach course.

KLANI THREE ARRIVAL (RNAV) Arrival Routes  
(KLANI, KLANI3) 30JAN20  
DANIEL K INOUYE INTL (HNL) (PHNL)  
HONOLULU, HAWAII

HCF CENTER  
119.9 306.9  
D-ATIS  
127.9 251.15  
HONOLULU TOWER  
118.1 257.8  
123.9 273.575 (Rwy 8R/26L)



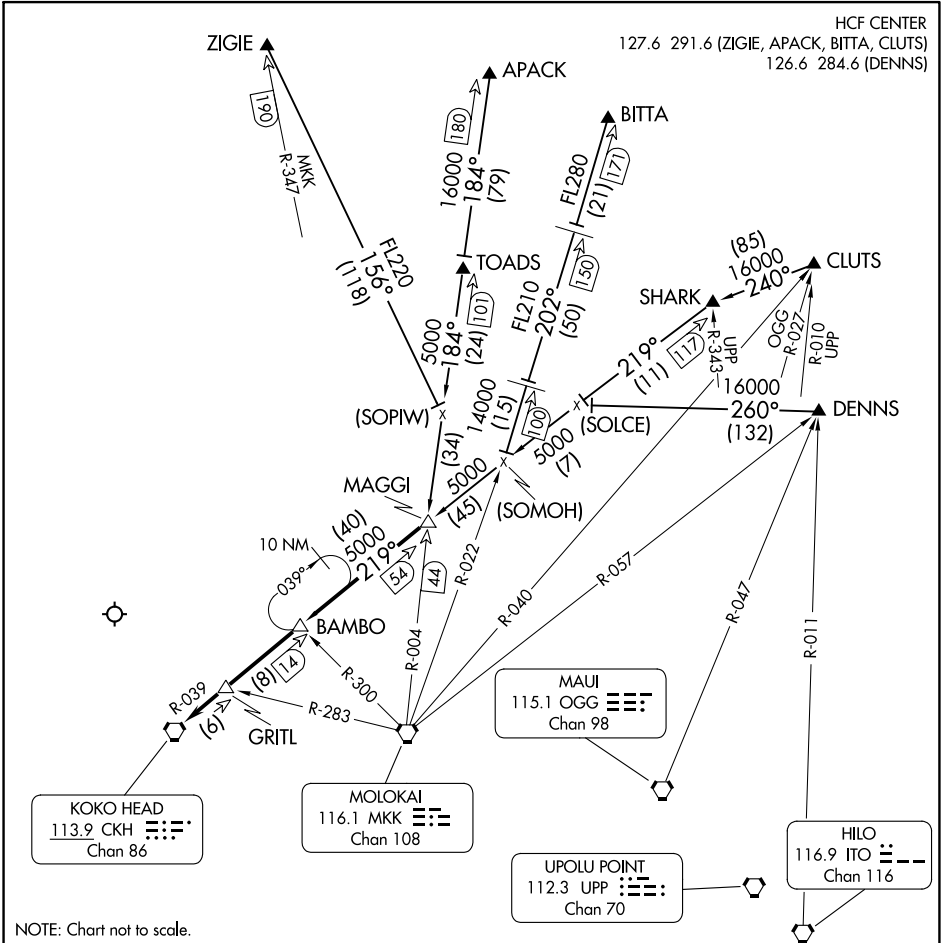
NOTE: RADAR required.  
NOTE: RNAV 1.  
NOTE: GPS required.  
NOTE: Turbojet and turboprop aircraft only.  
NOTE: Turbojet aircraft descend via mach number until transtion to 280K.  
Maintain 280K until 10000 MSL.

NOTE: Chart not to scale.

(KLANI, KLANI3) 20030  
KLANI THREE ARRIVAL (RNAV) Arrival Routes  
AL754 (FAA)  
DANIEL K INOUYE INTL (HNL) (PHNL)  
HONOLULU, HAWAII

PAC, 25 JAN 2024 to 21 MAR 2024

PAC, 25 JAN 2024 to 21 MAR 2024



NOTE: Chart not to scale.

ARRIVAL ROUTE DESCRIPTION

**APACK TRANSITION (APACK.MAGGI3):** From over APACK DME via MKK R-004 to MAGGI INT. Thence. . .

**BITTA TRANSITION (BITTA.MAGGI3):** From over BITTA DME via MKK R-022 to intercept CKH R-039 to MAGGI INT. Thence. . .

**CLUTS TRANSITION (CLUTS.MAGGI3):** From over CLUTS DME via heading 240° to intercept CKH R-039 to MAGGI INT. Thence. . .

**DENNS TRANSITION (DENNS.MAGGI3):** From over DENNS INT via heading 260° to intercept CKH R-039 to MAGGI INT. Thence. . .

**ZIGIE TRANSITION (ZIGIE.MAGGI3):** From over ZIGIE DME via heading 156° to intercept MKK R-004 to MAGGI INT. Thence. . .

. . . From over MAGGI INT via CKH R-039 to CKH VORTAC then RADAR vectors for approach to airport.



MAKAH ONE ARRIVAL (RNAV)  
(MAKAH.MAKAH1) 30AN20

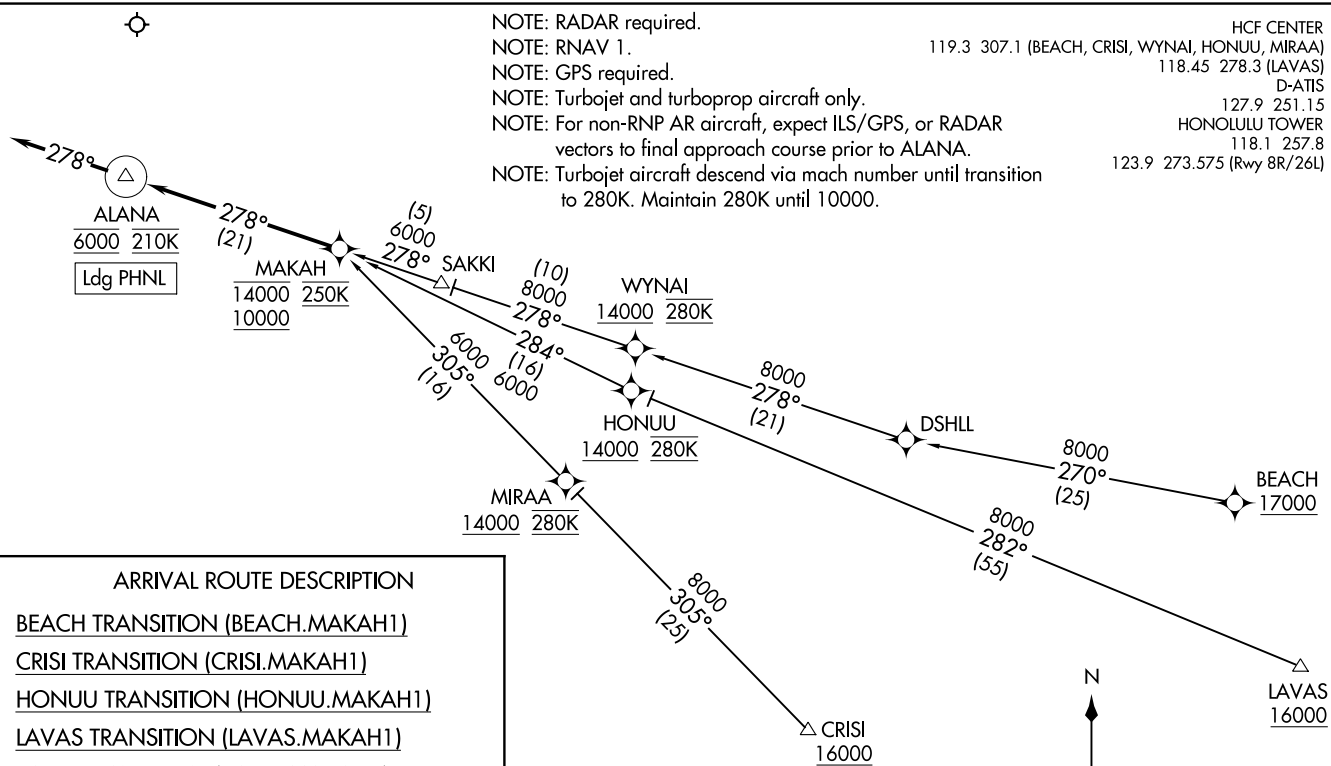
(MAKAH.MAKAH1) 21112  
MAKAH ONE ARRIVAL (RNAV)

A1-754 (FAA)

DANIEL K INOUE INTL (HNL) (PHNL)  
HONOLULU, HAWAII

NOTE: RADAR required.  
 NOTE: RNAV 1.  
 NOTE: GPS required.  
 NOTE: Turbojet and turboprop aircraft only.  
 NOTE: For non-RNP AR aircraft, expect ILS/GPS, or RADAR vectors to final approach course prior to ALANA.  
 NOTE: Turbojet aircraft descend via mach number until transition to 280K. Maintain 280K until 10000.

HCF CENTER  
 119.3 307.1 (BEACH, CRISI, WYNAI, HONU, MIRAA)  
 118.45 278.3 (LAVAS)  
 D-ATIS 127.9 251.15  
 HONOLULU TOWER 118.1 257.8  
 123.9 273.575 (Rwy 8R/26L)



ARRIVAL ROUTE DESCRIPTION

- BEACH TRANSITION (BEACH.MAKAH1)
- CRISI TRANSITION (CRISI.MAKAH1)
- HONU TRANSITION (HONU.MAKAH1)
- LAVAS TRANSITION (LAVAS.MAKAH1)
- SAKKI TRANSITION (SAKKI.MAKAH1)

From MAKAH on track 278° to cross ALANA at 6000 and at 210K, then on heading 278° or as assigned by ATC. Expect assigned instrument approach prior to ALANA.

NOTE: Chart not to scale.

(OPACA.OPACA4) 23334  
**OPACA FOUR ARRIVAL**

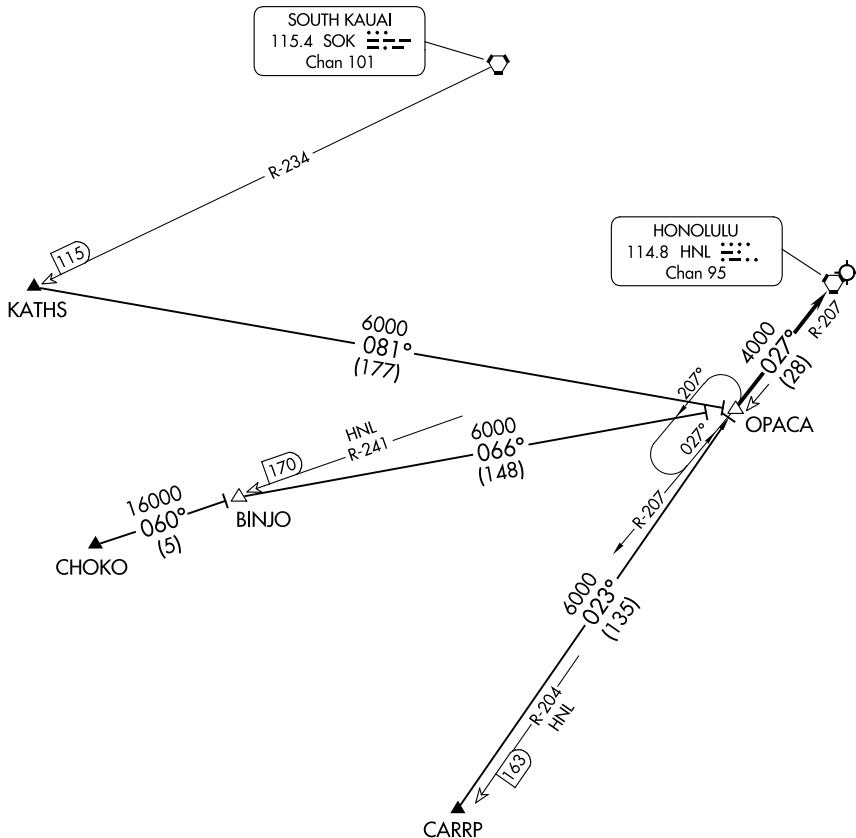
AL-754 (FAA)

DANIEL K INOUYE INTL (HNL) (PHNL)  
 HONOLULU, HAWAII

HCF CENTER  
 119.9 306.9

SOUTH KAUAI  
 115.4 SOK  
 Chan 101

HONOLULU  
 114.8 HNL  
 Chan 95



NOTE: RNAV equipped aircraft only.

NOTE: Chart not to scale.

**ARRIVAL ROUTE DESCRIPTION**

CARRP TRANSITION (CARRP.OPACA4): From over CARRP WP, RNAV direct to OPACA DME. Thence. . .

CHOKO TRANSITION (CHOKO.OPACA4): From over CHOKO WP, RNAV direct to BINJO DME, then direct to OPACA DME. Thence. . .

KATHS TRANSITION (KATHS.OPACA4): From over KATHS WP, RNAV direct to OPACA DME. Thence. . .

. . . From over OPACA DME via HNL R-207 to HNL VORTAC, expect RADAR vectors to final approach course.

(SAKKI.SAKKIS) 23334  
SAKKI FIVE ARRIVAL

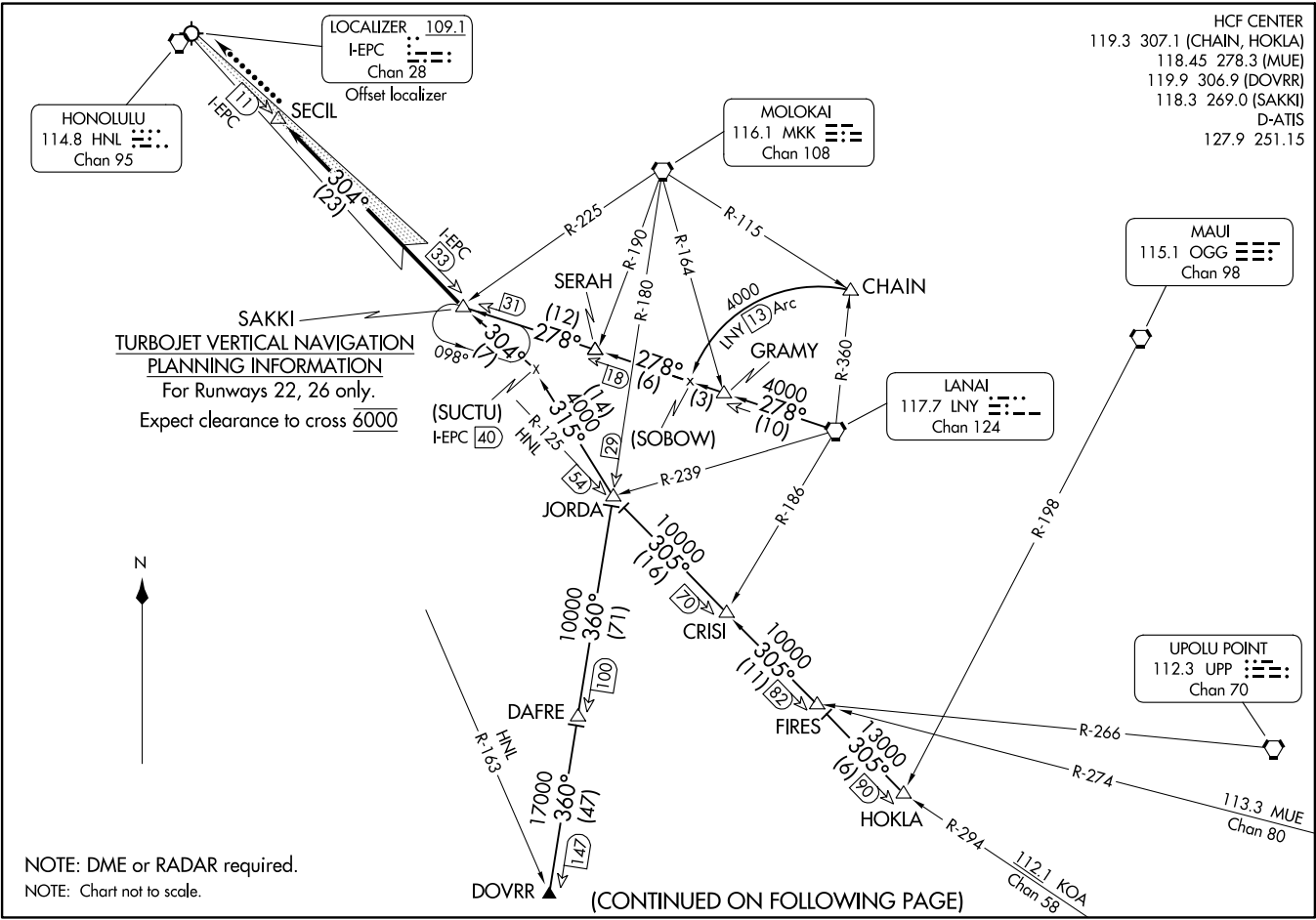
AL-754 (FAA)

DANIEL K INOUYE INTL (HNL) (PHNL)  
HONOLULU, HAWAII

HCF CENTER  
119.3 307.1 (CHAIN, HOKLA)  
118.45 278.3 (MUE)  
119.9 306.9 (DOVRR)  
118.3 269.0 (SAKKI)  
D-ATIS  
127.9 251.15

SAKKI FIVE ARRIVAL  
(SAKKI.SAKKIS) 25AUG11

HONOLULU, HAWAII  
DANIEL K INOUYE INTL (HNL) (PHNL)



(CONTINUED ON FOLLOWING PAGE)

ARRIVAL ROUTE DESCRIPTION

CHAIN TRANSITION (CHAIN.SAKKI5): From over CHAIN INT on LNY 13 DME CCW arc to SOBOW and LNY R-278 to SAKKI INT. Thence. . . .

DOVRR TRANSITION (DOVRR.SAKKI5): From over DOVRR on MKK R-180 to JORDA, turn left heading 315° to join I-EPC LDA course at SUCTU 40 DME then to SAKKI INT. Thence. . . .

HOKLA TRANSITION (HOKLA.SAKKI5): From over HOKLA on HNL R-125 to JORDA, turn right heading 315° to join I-EPC LDA course at SUCTU 40 DME then to SAKKI INT. Thence. . . .

LANAI TRANSITION (LNY.SAKKI5): From over LNY VORTAC on LNY R-278 to SAKKI INT. Thence. . . .

. . . .For runways 22, 26 only: From over SAKKI INT on the LDA/DME RWY 26L course to SECIL 11 DME.

LOST COMMUNICATIONS: At SECIL INT/WP proceed with the LDA/DME RWY 26L approach.

PAC: 25 JAN 2024 to 21 MAR 2024

PAC: 25 JAN 2024 to 21 MAR 2024

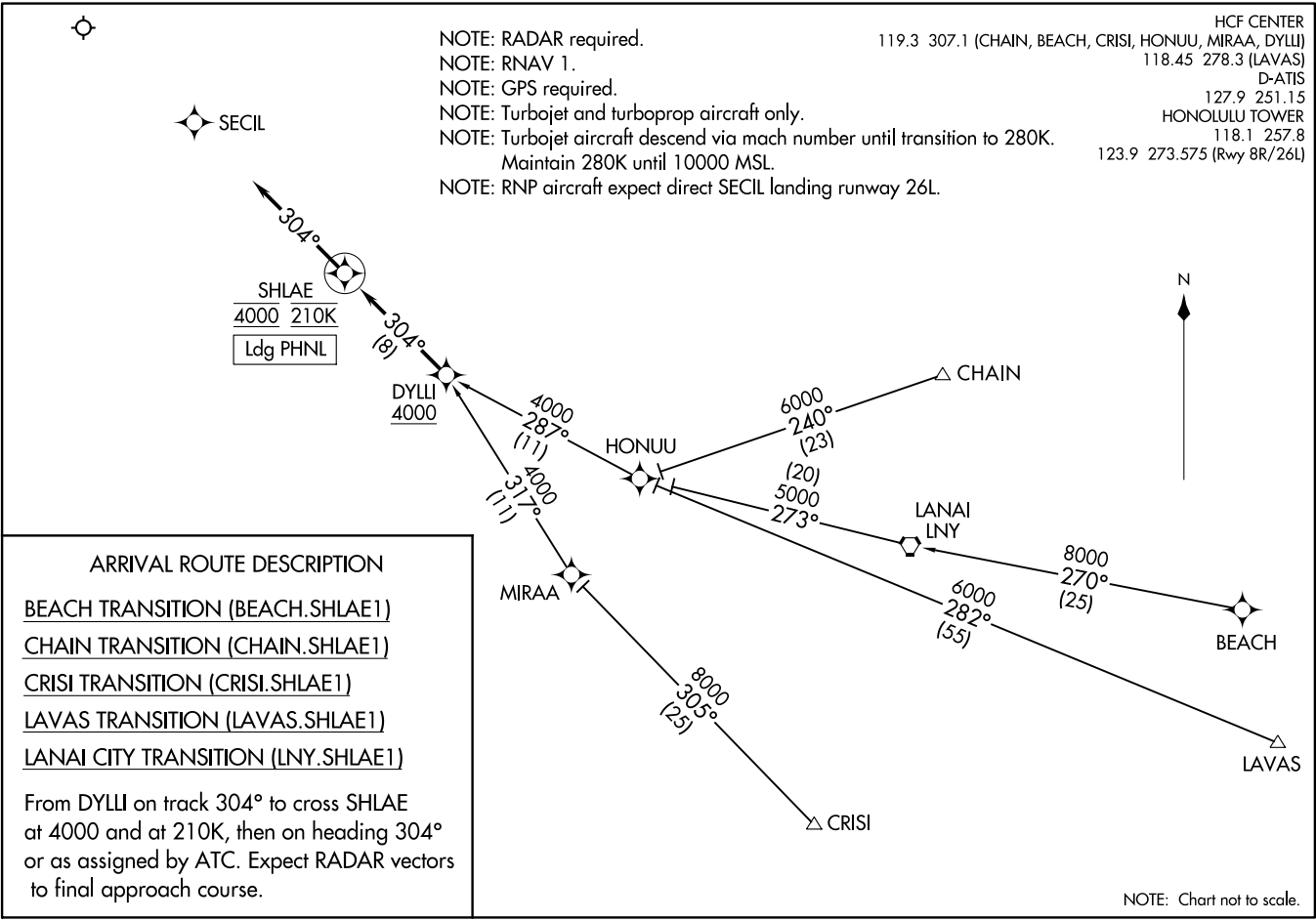
SHLAE ONE ARRIVAL (RNAV)  
(DYLLI.SHLAE1) 30JAN20

DANIEL K INOUYE INTL (HNL) (PHNL)  
HONOLULU, HAWAII

(DYLLI.SHLAE1) 21112  
SHLAE ONE ARRIVAL (RNAV)

AL-754 (FAA)

DANIEL K INOUYE INTL (HNL) (PHNL)  
HONOLULU, HAWAII



(SYMIN.SYMIN1) 20030

# SYMIN ONE ARRIVAL (RNAV)

AL-754 (FAA)

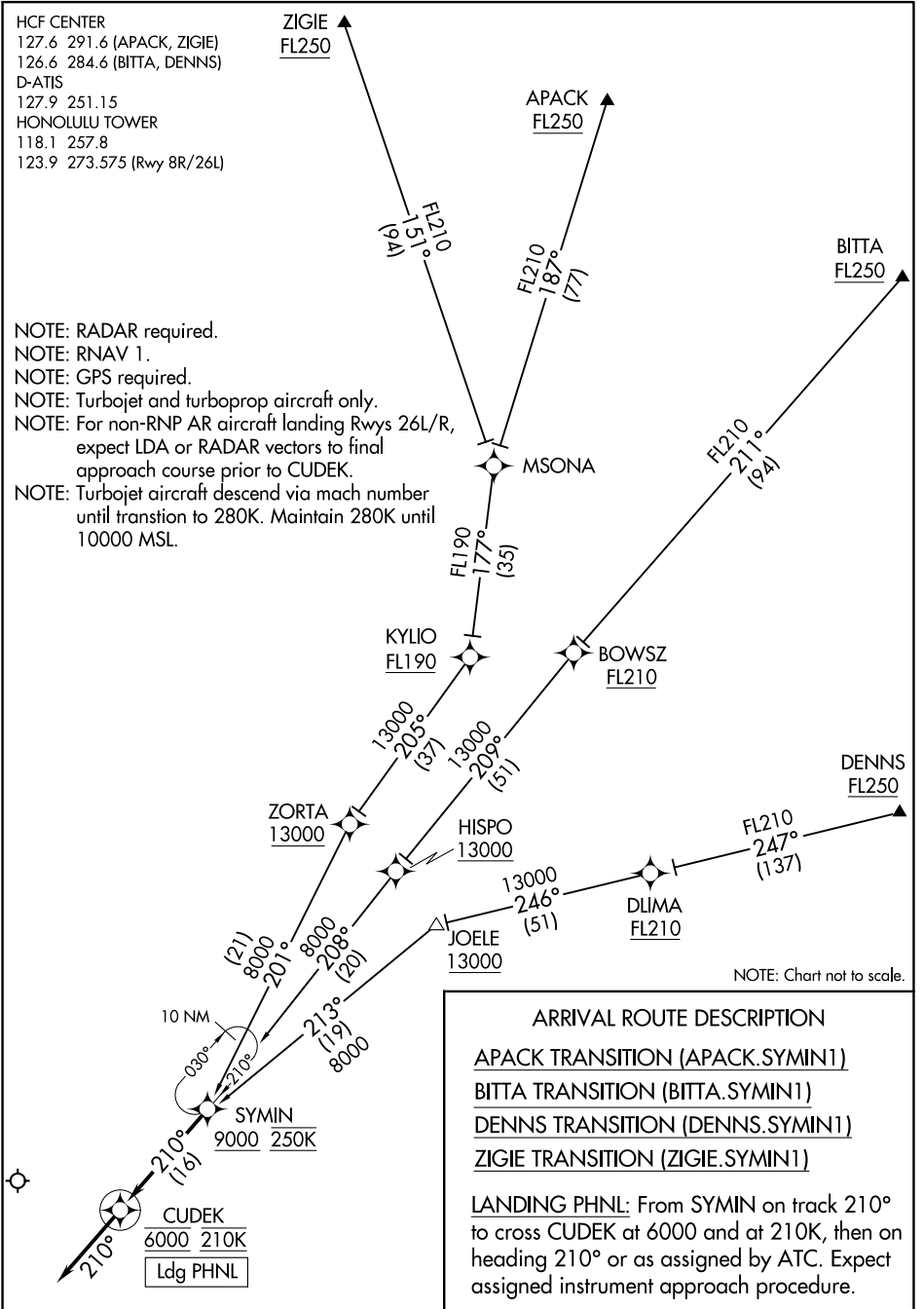
DANIEL K INOUYE INTL (HNL) (PHNL)  
HONOLULU, HAWAII

HCF CENTER  
127.6 291.6 (APACK, ZIGIE)  
126.6 284.6 (BITTA, DENNS)  
D-ATIS  
127.9 251.15  
HONOLULU TOWER  
118.1 257.8  
123.9 273.575 (Rwy 8R/26L)

NOTE: RADAR required.  
NOTE: RNAV 1.  
NOTE: GPS required.  
NOTE: Turbojet and turboprop aircraft only.  
NOTE: For non-RNP AR aircraft landing Rwy 26L/R, expect LDA or RADAR vectors to final approach course prior to CUDEK.  
NOTE: Turbojet aircraft descend via mach number until transtion to 280K. Maintain 280K until 10000 MSL.

PAC, 25 JAN 2024 to 21 MAR 2024

PAC, 25 JAN 2024 to 21 MAR 2024



# SYMIN ONE ARRIVAL (RNAV)

(SYMIN.SYMIN1) 30JAN20

HONOLULU, HAWAII  
DANIEL K INOUYE INTL (HNL) (PHNL)