



PAC, 10 NOV 2016 to 05 JAN 2017

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ATIS 128.6
 CLNC DEL
 120.6 290.5
 GND CON
 121.9 279.6
 MAUI TOWER ★
 118.7 (CTAF) 279.6
 HCF APPROACH
 NORTH 120.2 322.4
 SOUTH 119.5 225.4


**TOP ALTITUDE:
ASSIGNED BY ATC**

MAUI
115.1 OGG 
Chan 98

LANAI
117.7 LNY 
Chan 124
N20°45.87' - W156°58.13'
P-2

BEACH
N20°40.98'
W156°32.20'

HARPO
N20°38.49'
W156°30.92'
P-2
8100

KONA
112.1 KOA 
Chan 58

NOTE: Chart not to scale.

TAKEOFF MINIMUMS

Rwy 2: Standard with minimum climb of 500' per NM to 8100.

Rwy 5: Standard with minimum climb of 500' per NM to 8100

Rwy 20: Standard with minimum climb of 495' per NM to 8100.

Rwy 23: Standard with minimum climb of 485' per NM to 8100.

TAKEOFF OBSTACLE NOTES

Rwy 2: Bush/trees beginning 190' from DER, 362' left of centerline, up to 60' AGL/79' MSL.

Pipe on building 339' from DER, 289' right of centerline, 20' AGL/25' MSL.

Bush beginning 902' from DER, 637' right of centerline, up to 20' AGL/39' MSL.

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

Fence beginning 20' from DER, 299' right of centerline, up to 7' AGL/31' MSL.

Bush/trees beginning 291' from DER, 300' right of centerline, up to 76' AGL/95' MSL.

Rwy 20: Bush 22' from DER, 236' right of centerline, 2' AGL/55' MSL.

Bush/trees beginning 24' from DER, 173' left of centerline, up to 29' AGL/68' MSL.

Rwy 23: Bush/trees and light beginning 666' from DER, 89' left of centerline, up to 56' AGL/86' MSL.

Bush/trees beginning 3' from DER, 280' right of centerline, up to 62' AGL/72' MSL.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 2: Climb on heading 024° to 1400 then climbing right turn via OGG R-195 to BEACH INT.

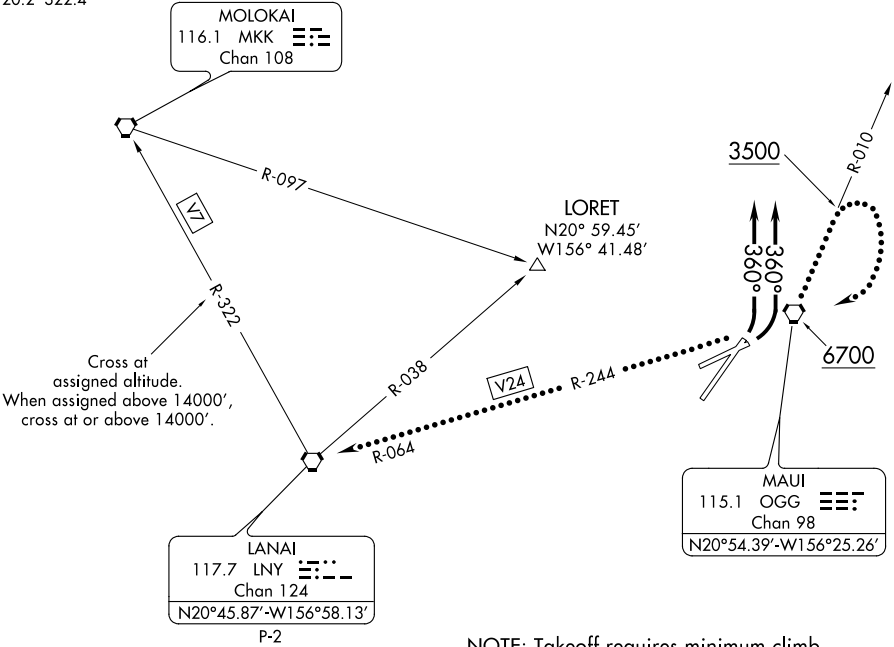
TAKEOFF RUNWAY 5: Climb on heading 054° to 2500 then climbing right turn via OGG R-195 to BEACH INT.

TAKEOFF RUNWAYS 20, 23: Climbing left turn via OGG R-195 to BEACH INT.

HARPO TRANSITION (BEACH4.HARPO): From over BEACH INT on KOA R-323 to HARPO INT.

LANAI TRANSITION (BEACH4.LNY): From over BEACH INT on LNY R-090 to LNY VORTAC.

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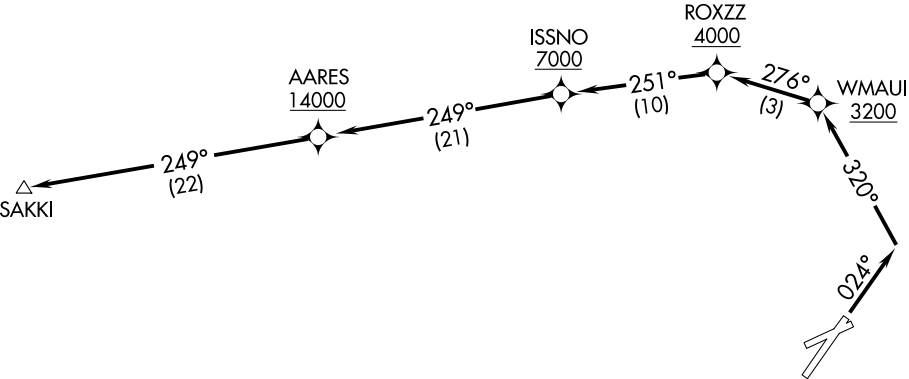
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 2 AND 5 ONLY: After takeoff, all aircraft fly heading 360°, expect radar vectors west of Maui Island to assigned fix/route. Cross the LNY R-322 at assigned altitude. When assigned above 14000', cross at or above 14000'.

LOST COMMUNICATIONS: If not in contact with Departure Control 1 minute after crossing the shoreline, climb northbound via the OGG R-010 until reaching at least 3500'. Then reverse course to the right direct OGG VORTAC. Then via V24 to LNY VORTAC. Cross OGG VORTAC at or above 6700'.

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TOP ALTITUDE:
ASSIGNED BY ATC



NOTE: RNAV 1.
NOTE: GPS required.

TAKEOFF MINIMUMS
Rwys 5, 20, 23, NA - Air Traffic.
Rwy 2: Standard with minimum climb of 355' per NM to 11200.

TAKEOFF OBSTACLE NOTES
Rwy 2: Bush/Trees beginning 190' from DER, 362' left of centerline, up to 60' AGL/79' MSL.
Pipe on building 339' from DER, 289' right of centerline, 20' AGL/25' MSL.
Bushes beginning 902' from DER, 637' right of centerline, up to 20' AGL/39' MSL.

NOTE: Chart not to scale.

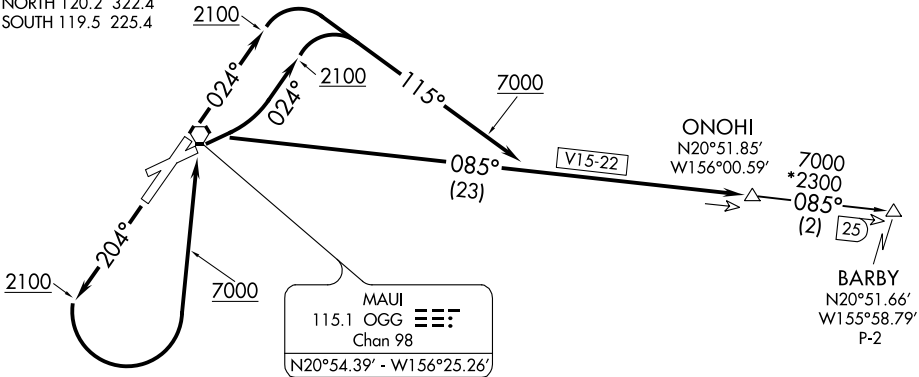


DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 2: Climb to assigned altitude on heading 024° to intercept course 320° to cross WMAUI at or above 3200, and on track 276° to cross ROXZZ at or above 4000, and on track 251° to cross ISSNO at or above 7000, and on track 249° to cross AARES at or above 14000, and on track 249° to SAKKI.

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TOP ALTITUDE:
7000



NOTE: Chart not to scale.

NOTE: DME required.

TAKEOFF MINIMUMS

- Rwy 23: NA- obstacles and ATC.
- Rwy 2: Standard with ATC climb of 480' per NM to 2200.
- Rwy 5: Standard with ATC climb of 480' per NM to 2900.
- Rwy 20: Standard with minimum climb of 480' per NM to 7000.

TAKEOFF OBSTACLE NOTES

- Rwy 2: Bush/trees beginning 190' from DER, 362' left of centerline, up to 60' AGL/79' MSL.
Pipe on building 339' from DER, 289' right of centerline, 20' AGL/25' MSL.
Bush beginning 902' from DER, 637' right of centerline, up to 20' AGL/39' MSL.
- Rwy 5: Trees 2359' from DER, 512' left of centerline, 56' AGL/75' MSL.
Fence beginning 20' from DER, 299' right of centerline, up to 7' AGL/31' MSL.
Bush/trees beginning 291' from DER, 300' right of centerline, up to 76' AGL/95' MSL.
- Rwy 20: Bush 22' from DER, 236' right of centerline, 2' AGL/55' MSL.
Bush/trees beginning 24' from DER, 173' left of centerline, up to 29' AGL/68' MSL.



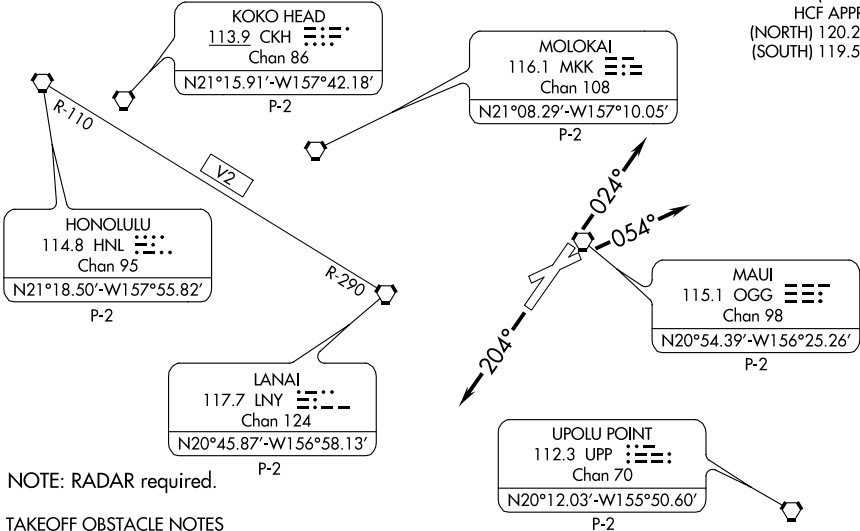
DEPARTURE ROUTE DESCRIPTION

- TAKEOFF RUNWAY 2:** Climb on heading 024° to 2100 then climbing right turn to 7000 to ONOH1/OGG 23 DME via heading 115° and OGG R-085.
- TAKEOFF RUNWAY 5:** Climbing left turn on heading 024° to 2100 then climbing right turn to 7000 to ONOH1/OGG 23 DME via heading 115° and OGG R-085.
- TAKEOFF RUNWAY 20:** Climb on heading 204° to 2100 then climbing left turn to 7000 to ONOH1/OGG 23 DME via direct OGG VORTAC and OGG R-085.
- BARBY TRANSITION (ONOH12.BARBY):** From over ONOH1/OGG 23 DME on OGG R-085 to BARBY/OGG 25 DME.

TAKEOFF MINIMUMS

- Rwy 2: Standard with minimum climb of 500' per NM to 8100.
Rwy 5: Standard with minimum climb of 500' per NM to 8100.
Rwy 20: Standard with minimum climb of 490' per NM to 8100.
Rwy 23: NA - Obstacles.

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(SOUTH) 119.5 225.4



TAKEOFF OBSTACLE NOTES

- Rwy 2: Bush/trees beginning 190' from DER, 362' left of centerline, up to 60' AGL/79' MSL.
Pipe on building 339' from DER, 289' right of centerline, 20' AGL/25' MSL.
Bushes beginning 902' from DER, 637' right of centerline, up to 20' AGL/39' MSL.
- Rwy 5: Trees beginning 2359' from DER, 512' left of centerline, up to 56' AGL/75' MSL.
Fence beginning 20' from DER, 299' right of centerline, up to 7' AGL/31' MSL.
Bush/trees beginning 291' from DER, 300' right of centerline, up to 76' AGL/95' MSL.
- Rwy 20: Bush 22' from DER, 236' right of centerline, 2' AGL/55' MSL.
Bush/trees beginning 24' from DER, 173' left of centerline, up to 29' AGL/68' MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

- TAKEOFF RUNWAY 2: Climb heading 024° (or ATC assigned heading 310° CW 053°);
thence. . . .
- TAKEOFF RUNWAY 5: Climbing heading 054° (or ATC assigned heading 307° CW 054°);
thence. . . .
- TAKEOFF RUNWAY 20: Climb heading 204° (or ATC assigned heading 169° CW 204°);
thence. . . .
- TAKEOFF RUNWAY 23: NA - Obstacles.

. . . .expect RADAR vectors to join assigned route. Maintain assigned altitude; expect filed altitude/flight level 5 minutes after departure.

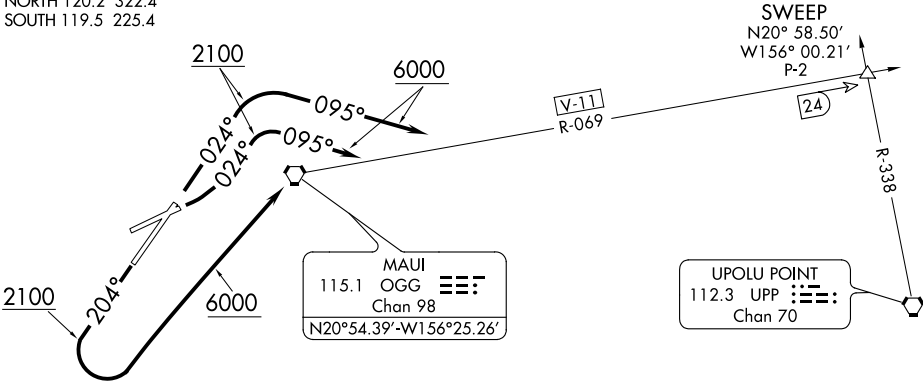
LOST COMMUNICATIONS: If not in contact with departure control 1 minute after departure, climb southbound to join V2 to LNY VORTAC, then on assigned route.

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SOUTH 119.5 225.4
HCF APPROACH
NORTH 120.2 322.4
SOUTH 119.5 225.4

TAKEOFF MINIMUMS

Rwy 23: NA Obstacle and ATC.
Rwys 2, 5: Standard with ATC climb of 480' per NM to 2100.
Rwy 20: Standard with minimum climb of 480' per NM to 2100.

TOP ALTITUDE:
6000



TAKEOFF OBSTACLE NOTES

- Rwy 2: Bush/trees beginning 190' from DER, 362' left of centerline, up to 60' AGL/79' MSL.
Pipe on building 339' from DER, 289' right of centerline, 20' AGL/25' MSL.
Bush beginning 902' from DER, 637' right of centerline, up to 20' AGL/39' MSL.
- Rwy 5: Trees 2359' from DER, 512' left of centerline, 56' AGL/75' MSL.
Fence beginning 20' from DER, 299' right of centerline, up to 7' AGL/31 MSL.
Bush/trees beginning 291' from DER, 300' right of centerline, up to 76' AGL/95' MSL.
- Rwy 20: Beginning 24' from DER, 173' left of centerline, up to 29' AGL/68' MSL.
Bush 22' from DER, 236' right of centerline, 2' AGL/55' MSL.
Bush/trees beginning 24' from DER, 173' left of centerline, up to 29' AGL/ 68' MSL.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 2: Climb heading 024° to 2100 then climbing right turn to 6000 via heading 095° to intercept OGG VORTAC R-069 (V11) to SWEEP INT/OGG 24 DME.

TAKEOFF RUNWAY 5: Climbing left turn heading 024° to 2100 then right turn to 6000 via heading 095° to intercept OGG VORTAC R-069 (V11) to SWEEP INT/OGG 24 DME.

TAKEOFF RUNWAY 20: Climb heading 204° to 2100 then climbing left turn to 6000 direct OGG VORTAC then via OGG R-069 (V11) to SWEEP INT/OGG 24 DME.