

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

DIVERSE VECTOR AREA (DVA)

Bearings, headings, courses, tracks, and radials are magnetic. Elevations and altitudes are in feet, MSL. Distances are in nautical miles.

City, State	Airport	Effective Date	Amdt. No.
HONOLULU, HI	HONOLULU INTL	04 FEB 2016	

CHART - DIVERSE VECTOR AREA (Radar Vectors)

RWY 4L: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 490 FT PER NM TO 2100, DO NOT EXCEED 180 KTS UNTIL ESTABLISHED ON ASSIGNED HEADING.

RWY 4R: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 490 FT PER NM TO 2100, DO NOT EXCEED 180 KTS UNTIL ESTABLISHED ON ASSIGNED HEADING.

RWY 8L: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 360 FT PER NM TO 1700.

RWY 8R: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 240 FT PER NM TO 700.

RWY 22L: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 320 FT PER NM TO 3700.

RWY 22R: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 320 FT PER NM TO 3700.

RWY 26L: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 360 FT PER NM TO 3700.

RWY 26R: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 430 FT PER NM TO 4400.

FOR ATC USE ONLY:

RWY 4L: AUTHORIZED HEADINGS 130 CLOCKWISE TO 222 WITHIN 10 NM OF 211917.92N/1575507.06W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 211917.92N/1575507.06W TO 212031.51N/1575354.96W, THEN VIA 2.5 NM CLOCKWISE ARC CENTERED ON 211831.28N/1575218.28W TO 212005.98N/1575013.39W, TO 211443.70N/1575435.06W, THEN VIA 10 NM CLOCKWISE ARC CENTERED ON 211917.92N/1575507.06W TO 211315.31N/1580339.95W, TO 211917.92N/1575507.06W.

RWY 4R: AUTHORIZED HEADINGS 130 CLOCKWISE TO 222 WITHIN 10 NM OF 211902.03N/1575520.79W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 211902.03N/1575520.79W TO 212027.81N/1575351.38W, THEN VIA 2.5 NM CLOCKWISE ARC CENTERED ON 211827.56N/1575214.72W TO 212002.26N/1575009.83W, TO 211447.84N/1574538.41W, THEN VIA 10 NM CLOCKWISE ARC CENTERED ON 211902.03N/1575520.79W TO 211259.42N/1580353.67W, TO 211902.03N/1575520.79W.

RWY 8L: AUTHORIZED HEADINGS 120 CLOCKWISE TO 256 WITHIN 10 NM OF 211930.89N/1575614.49W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 211930.89N/1575614.49W TO 211953.76N/1575314.13W, THEN VIA 4.2 NM CLOCKWISE ARC CENTERED ON 211540.85N/1575314.13W TO 211851.73/1575017.10W, TO 211539.53N/1574621.28W, THEN VIA 10 NM CLOCKWISE ARC CENTERED ON 211930.89N/1575614.49W TO 211859.04N/1580656.23W, TO 211930.89N/1575614.49W.

RWY 8R: AUTHORIZED HEADINGS 120 CLOCKWISE TO 259 WITHIN 10 NM OF 211824.49N/1575623.92W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 211824.49N/1575623.92W TO 211856.31N/1575251.04W, THEN VIA 4.2 NM CLOCKWISE ARC CENTERED ON 211443.40N/1575251.13W TO 211754.22N/1574954.04W, TO 211459.59N/1574619.79W, THEN VIA 10 NM CLOCKWISE ARC CENTERED ON 211824.49N/1575623.92W TO 211824.15N/1580706.50W, TO 211824.49N/1575623.92W.

RWY 22L: AUTHORIZED HEADINGS 108 CLOCKWISE TO 260 WITHIN 10 NM OF 211931.84N/1575438.55W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 211931.84N/1575438.55W TO 211439.64N/1574516.77W, THEN VIA 10 NM CLOCKWISE ARC CENTERED ON 211931.84N/1575438.55W TO 211942.01N/1580521.13W, TO 211931.84N/1575438.55W.

RWY 22R: AUTHORIZED HEADINGS 109 CLOCKWISE TO 260 WITHIN 10 NM OF 211935.52N/1575442.11W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 211935.52N/1575442.11W TO 211434.18N/1574525.86W, THEN VIA 10 NM CLOCKWISE ARC CENTERED ON 211935.52N/1575442.11W TO 211945.69N/1580524.69W, TO 211935.52N/1575442.11W.

RWY 26L: AUTHORIZED HEADINGS 099 CLOCKWISE TO 267 WITHIN 10 NM OF 211824.48N/1575459.30W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 211824.48N/1575459.30W TO 211458.23N/1574455.70W, THEN VIA 10 NM CLOCKWISE ARC CENTERED ON 211824.48N/1575459.30W TO 211947.95N/1580535.73W, TO 211824.48N/1575459.30W.

RWY 26R: AUTHORIZED HEADINGS 108 CLOCKWISE TO 267 WITHIN 10 NM OF 211930.88N/1575446.69W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 211930.88N/1575446.69W TO 211438.68N/1574524.91W, THEN VIA 10 NM CLOCKWISE ARC CENTERED ON 211930.88N/1575446.69W TO 212054.35N/1580523.20W, TO 211930.88N/1575446.69W.

OBSTACLE EVALUATION AREA (not for video mapping use):

RWY 4L: FROM 211917.92N/1575507.06W TO 212031.51N/1575354.96W, THEN VIA 2.5 NM CLOCKWISE ARC CENTERED ON 211831.28N/1575218.28W TO 212040.30N/1575055.50W, TO 211427.90N/1573955.05W, THEN VIA 5.30 NM CLOCKWISE ARC CENTERED ON 211443.70N/1574535.06W TO 211035.53N/1574201.05W, THEN VIA 15 NM CLOCKWISE ARC CENTERED ON 211917.92N/1575507.06W TO 211013.84N/1580756.14W, THEN VIA 5 NM CLOCKWISE ARC CENTERED ON 211315.31N/1580339.95W TO 211527.74N/1580828.36W, TO 211917.92N/1575507.06W. CONTROL OBSTACLES: 1239 FT. MSL AAO AT 212040.28N/1575053.86W (CG) AND 1639 FT. MSL AAO AT 211944.79N/1574927.95W (CTA).

RWY 4R: FROM 211902.03N/1575520.79W TO 212027.81N/1575351.38W, THEN VIA 2.5 NM CLOCKWISE ARC CENTERED ON 211827.56N/1575214.72W TO 212036.58N/1575051.94W, TO 211426.17N/1573955.02W, THEN VIA 5.36 NM CLOCKWISE ARC CENTERED ON 211447.84N/1574538.41W TO 211037.01N/1574201.97W, THEN VIA 15 NM CLOCKWISE ARC CENTERED ON 211902.03N/1575520.79W TO 210957.95N/1580809.84W, THEN VIA 5 NM CLOCKWISE ARC CENTERED ON 211259.42N/1580353.67W TO 211511.85N/1580842.07W, TO 211902.03N/1575520.79W. CONTROL OBSTACLES: 1239 FT. MSL AAO AT 212032.17N/1575013.20W (CG) AND 1639 FT. MSL AAO AT 211944.79N/1574927.95W (CTA).

RWY 8L: FROM 211930.89N/1575614.49W TO 211953.76N/1575314.13W, THEN VIA 4.2 NM CLOCKWISE ARC CENTERED ON 211540.85N/1575314.13W TO 211936.97N/1575137.44W, TO 211543.24N/1574048.85W, THEN VIA 5.18 NM CLOCKWISE ARC CENTERED ON 211539.53N/1574621.28W TO 211214.92N/1574210.57W, THEN VIA 15 NM CLOCKWISE ARC CENTERED ON 211930.89N/1575614.49W TO 211842.85N/1581217.08W, THEN VIA 5 NM CLOCKWISE ARC CENTERED ON 211859.04N/1580656.23W TO 212320.01N/1580936.51W, TO 211930.89N/1575614.49W. CONTROL OBSTACLE: 1279 FT. MSL AAO AT 211849.93N/1574921.02W (CG AND CTA).

QUALITY
3
CHECKED

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HONOLULU, HI	HONOLULU INTL	04 FEB 2016	1

RWY 8R: FROM 211824.49N/1575623.92W TO 211856.31N/1575251.04W, THEN VIA 4.2 NM CLOCKWISE ARC CENTERED ON 211443.40N/1575251.13W TO 211839.49N/1575114.36W, TO 211452.25N/1574043.82W, THEN VIA 5.23 NM CLOCKWISE ARC CENTERED ON 211459.59N/1574619.79W TO 211132.75N/1574206.34W, THEN VIA 15 NM CLOCKWISE ARC CENTERED ON 211824.49N/1575623.92W TO 211823.72N/1581227.79W, THEN VIA 5 NM CLOCKWISE ARC CENTERED ON 211824.15N/1580706.50W TO 212252.62N/1580931.96W, TO 211824.49N/1575623.92W. CONTROL OBSTACLE: 439 FT. MSL BLDG AT 211826.00N/1575143.00W (CG AND CTA).

RWY 22L: FROM 211931.84N/1575438.55W TO 211728.40N/1574050.77W, THEN VIA 5 NM CLOCKWISE ARC CENTERED ON 211439.64N/1574516.77W TO 211213.35N/1574036.11W, THEN VIA 15 NM CLOCKWISE ARC CENTERED ON 211931.84N/1575438.55W TO 211946.84N/1581042.43W, THEN VIA 5 NM CLOCKWISE ARC CENTERED ON 211942.01N/1580521.13W TO 212412.82N/1580741.58W, TO 211931.84N/1575438.55W. CONTROL OBSTACLE: 2759 FT. MSL AAO ON TERRAIN AT 212338.83N/1580611.93W (CG AND CTA).

RWY 22R: FROM 211935.52N/1575442.11W TO 211718.56N/1574056.76W, THEN VIA 5 NM CLOCKWISE ARC CENTERED ON 211434.18N/1574525.86W TO 211203.32N/1574047.97W, THEN VIA 15 NM CLOCKWISE ARC CENTERED ON 211935.52N/1575442.11W TO 211950.52N/1581045.99W, THEN VIA 5 NM CLOCKWISE ARC CENTERED ON 211945.69N/1580524.69W TO 212416.50N/1580745.15W, TO 211935.52N/1575442.11W. CONTROL OBSTACLE: 2759 FT. MSL AAO ON TERRAIN AT 212338.83N/1580611.93W (CG AND CTA).

RWY 26L: FROM 211824.48N/1575459.30W TO 211823.90N/1574101.10W, THEN VIA 5 NM CLOCKWISE ARC CENTERED ON 211458.23N/1574455.70W TO 211314.88N/1573954.08W, THEN VIA 15 NM CLOCKWISE ARC CENTERED ON 211824.48N/1575459.30W TO 212029.43N/1581054.02W, THEN VIA 5 NM CLOCKWISE ARC CENTERED ON 211947.95N/1580535.73W TO 212432.78N/1580719.89W, TO 211824.48N/1575459.30W. CONTROL OBSTACLE: 2759 FT. MSL AAO ON TERRAIN AT 212338.83N/1580611.93W (CG AND CTA).

RWY 26R: FROM 211930.88N/1575446.69W TO 211727.44N/1574058.91W, THEN VIA 5 NM CLOCKWISE ARC CENTERED ON 211438.68N/1574524.91W TO 211212.39N/1574044.26W, THEN VIA 15 NM CLOCKWISE ARC CENTERED ON 211930.88N/1575446.69W TO 212135.83N/1581041.53W, THEN VIA 5 NM CLOCKWISE ARC CENTERED ON 212054.35N/1580523.20W TO 212539.18N/1580707.38W, TO 211930.88N/1575446.69W. CONTROL OBSTACLE: 3319 FT MSL AAO ON TERRAIN AT 212451.29N/1580600.71W (CG AND CTA).

AUTHORIZED FACILITY:

HONOLULU CONTROL FACILITY (HCF) PHONE: (808) 840-6111 FACILITY MANAGER, (808) 840-6121 SUPPORT MANAGER.

FAA FORM 7210-9 DATE::**CHANGES:**

1. ADDED CONTACT INFORMATION FOR FACILITY MANAGER AND SUPPORT MANAGER
2. ADDED RWYS 4L, 4R, 8L AND 8R.
3. EXPANDED RWY 22L AZIMUTH FROM "108 CW 253" TO "108 CW 260" AND ADDED CG/CTA 320/3700.
4. EXPANDED RWY 22R AZIMUTH FROM "109 CW 252" TO "109 CW 260" AND ADDED CG/CTA 320/3700.
5. EXPANDED RWY 26L AZIMUTH FROM "099 CW 259" TO "099 CW 267" AND ADDED CG/CTA 360/3700.
6. EXPANDED RWY 26R AZIMUTH FROM "108 CW 252" TO "109 CW 267" AND ADDED CG/CTA 430/4400.

REASONS:

1. REQUIRED PER FAAO 8260.46E.
2. CRITERIA CHANGE NOW PERMITS CLIMB GRADIENT ASSOCIATED WITH DVA.
- 3, 4, 5, 6. HCF ATC REQUESTED AZIMUTH EXPANSION TO INCLUDE HEADING 260 AND NEW CONTROL OBSTACLE DOCUMENTED IN OBSTACLE EVALUATION AREA.

