

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.
HAYWARD, CA	HAYWARD EXECUTIVE	07 JAN 2016	1

CHART - DIVERSE VECTOR AREA (Radar Vectors)

RWY 10L: HEADING AS ASSIGNED BY ATC.

RWY 10R: HEADING AS ASSIGNED BY ATC.

RWY 28L: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 310 FT PER NM TO 4600.

RWY 28R: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 310 FT PER NM TO 4600.

FOR ATC USE ONLY:

RWY 10L: AUTHORIZED HEADINGS 135 CLOCKWISE TO 284 WITHIN 11 NM OF 373935.07N/1220716.57W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 373935.07N/1220716.57W TO 373901.99N/1220430.34W, THEN VIA 4.2 NM CLOCKWISE ARC CENTERED ON 373523.16N/1220708.20W TO 373729.33N/1220233.58W, TO 373120.30N/1215806.14W, THEN VIA 11 NM CLOCKWISE ARC CENTERED ON 373935.07N/1220716.57W TO 374454.79N/1221924.39W, TO 373935.07N/1220716.57W.

RWY 10R: AUTHORIZED HEADINGS 135 CLOCKWISE TO 284 WITHIN 11 NM OF 373933.52N/1220725.68W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 373933.52N/1220725.68W TO 373847.71N/1220411.56W, THEN VIA 4.2 NM CLOCKWISE ARC CENTERED ON 373508.90N/1220649.46W TO 373715.04N/1220214.82W, TO 373127.57N/1215802.99W, THEN VIA 11 NM CLOCKWISE ARC CENTERED ON 373933.52N/1220725.68W TO 374453.24N/1221933.50W, TO 373933.52N/1220725.68W.

RWY 28L: AUTHORIZED ALL HEADINGS WITHIN 18 NM OF 373925.18N/1220707.41W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 18 NM OF 373925.18N/1220707.41W.

RWY 28R: AUTHORIZED ALL HEADINGS WITHIN 18 NM OF 373939.46N/1220726.20W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 18 NM OF 373939.46N/1220726.20W.

OBSTACLE EVALUATION AREA (not for video mapping use):

RWY 10L: FROM 373935.07N/1220716.57W TO 373901.99N/1220430.34W, THEN VIA 4.2 NM CLOCKWISE ARC CENTERED ON 373523.16N/1220708.20W TO 373836.47N/1220344.38W TO 373227.08N/1215432.06W, THEN VIA 3.05 NM CLOCKWISE ARC CENTERED ON 373120.30N/1215806.14W TO 372841.64N/1215611.42W, THEN VIA 14 NM CLOCKWISE ARC CENTERED ON 373935.07N/1220716.57W TO 374621.77N/1222243.19W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 374454.79N/1221924.39W TO 374719.19N/1221708.69W, THEN VIA 11 NM CLOCKWISE ARC CENTERED ON 373935.07N/1220716.57W TO 374753.40N/1221622.88W, TO 373935.07N/1220716.57W.

RWY 10R: FROM 373933.52N/1220725.68W TO 373847.71N/1220411.56W, THEN VIA 4.2 NM CLOCKWISE ARC CENTERED ON 373508.90N/1220649.46W TO 373822.18N/1220325.61W TO 373218.06N/1215421.18W, THEN VIA 3.06 NM CLOCKWISE ARC CENTERED ON 373127.57N/1215802.99W TO 372848.38N/1215607.87W, THEN VIA 14 NM CLOCKWISE ARC CENTERED ON 373933.52N/1220725.68W TO 374620.22N/1222252.29W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 374453.24N/1221933.50W TO 374717.64N/1221717.80W, THEN VIA 11 NM CLOCKWISE ARC CENTERED ON 373933.52N/1220725.68W TO 374751.85N/1221631.99W, TO 373933.52N/1220725.68W.

RWY 28L: INCLUDES ALL AREA WITHIN 21 NM OF 373925.18N/1220707.41W. CONTROL OBSTACLES: 1019 FT. MSL AAO ON TERRAIN AT 374324.86N/1220708.82W (CG) AND 4079 FT. MSL AAO ON TERRAIN AT 375253.80N/1215453.43W (CTA).

RWY 28R: INCLUDES ALL AREA WITHIN 21 NM OF 373939.46N/1220726.20W. CONTROL OBSTACLES: 1019 FT. MSL AAO ON TERRAIN AT 374324.86N/1220708.82W (CG) AND 4079 FT. MSL AAO ON TERRAIN AT 375253.80N/1215453.43W (CTA).

AUTHORIZED FACILITY:

NORTHERN CALIFORNIA TRACON (NCT) PHONE: (916) 366-4001 Facility Manager, (916) 366-4008 Operations Support Manager.

FAA FORM 7210-9 DATE::

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.
HAYWARD, CA	HAYWARD EXECUTIVE	07 JAN 2016	1

CHANGES:

1. INCREASED RWY 28L AND 28R RANGE OF HEADINGS AND DISTANCE FROM "115 CLOCKWISE TO 305 WITHIN 11 NM OF DRP", TO "ALL HEADINGS WITHIN 18 NM OF DRP."
2. ADDED "MINIMUM CLIMB OF 310 FT. PER NM TO 4600" TO RWY 28L AND 28R DVA AND DOCUMENTED CONTROLLING OBSTACLES IN OBSTACLE EVALUATION AREA.

REASONS:

1. NCT ATC REQUEST.
2. EXPANDED AZIMUTH AND RANGE REQUIRES CLIMB GRADIENT AND CLIMB-TO-ALTITUDE TO MITIGATE PENETRATIONS TO THE OBSTACLE IDENTIFICATION SURFACE.

