

## 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.
LIVERMORE, CA	LIVERMORE MUNI	<b>02 APR 2015</b>	ORIG

**CHART - DIVERSE VECTOR AREA (Radar Vectors)**

RWY 7L: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 375 FT PER NM TO 5000.  
RWY 7R: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 375 FT PER NM TO 5000.  
RWY 25L: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 375 FT PER NM TO 5000.  
RWY 25R: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 375 FT PER NM TO 5000.

**FOR ATC USE ONLY:**

RWY 7L: AUTHORIZED HEADINGS 010 CLOCKWISE TO 110 WITHIN 13 NM OF 374137.98N/1214920.97W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 374137.98N/1214920.97W TO 375319.63N/1214209.03W, THEN VIA 13 NM CLOCKWISE ARC CENTERED ON 374137.98N/1214920.97W TO 373358.23N/1213607.28W.

RWY 7R: AUTHORIZED HEADINGS 010 CLOCKWISE TO 110 WITHIN 13 NM OF 374132.91N/1214905.44W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 374132.91N/1214905.44W TO 375314.56N/1214153.51W, THEN VIA 13 NM CLOCKWISE ARC CENTERED ON 374132.91N/1214905.44W TO 373353.16N/1213551.76W.

RWY 25L: AUTHORIZED HEADINGS 255 CLOCKWISE TO 300 WITHIN 13 NM OF 374133.04N/1214921.62W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 374133.04N/1214921.62W TO 374111.65N/1215051.23W, THEN VIA 4.2 NM CLOCKWISE ARC CENTERED ON 374523.93N/1215048.01W TO 374111.68N/1215053.55W TO 374123.10N/1220544.24W, THEN VIA 13 NM CLOCKWISE ARC CENTERED ON 374133.04N/1214921.62W TO 375054.22N/1220045.71W.

RWY 25R: AUTHORIZED HEADINGS 255 CLOCKWISE TO 300 WITHIN 13 NM OF 374137.86N/1214905.38W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 374137.86N/1214905.38W TO 374116.68N/1215106.75W, THEN VIA 4.2 NM CLOCKWISE ARC CENTERED ON 374528.96N/1215103.64W TO 374116.71N/1215109.18W TO 374127.75N/1220528.01W, THEN VIA 13 NM CLOCKWISE ARC CENTERED ON 374137.86N/1214905.38W TO 375059.04N/1220029.48W.

RWY 25R:

**OBSTACLE EVALUATION AREA (not for video mapping use):**

RWY 7L: FROM 374137.98N/1214920.97W TO 375604.38N/1214726.00W, THEN VIA 5 NM CLOCKWISE ARC CENTERED ON 375319.63N/1214209.03W TO 375749.37N/1213922.30W, THEN VIA 18 NM CLOCKWISE ARC CENTERED ON 374137.98N/1214920.97W TO 373101.00N/1213102.74W, THEN VIA 5 NM CLOCKWISE ARC CENTERED ON 373358.23N/1213607.28W TO 372935.27N/1213909.54W. CONTROL OBSTACLES: 2559 FT MSL AAO ON TERRAIN AT 374832.70N/1214854.86W (CG) AND 3879 FT MSL AAO ON TERRAIN AT 373338.10N/1213623.66W (CTA).

RWY 7R: FROM 374132.91N/1214905.44W TO 375559.30N/1214710.47W, THEN VIA 5 NM CLOCKWISE ARC CENTERED ON 375314.56N/1214153.51W TO 375744.29N/1213906.78W, THEN VIA 18 NM CLOCKWISE ARC CENTERED ON 374132.91N/1214905.44W TO 373055.93N/1213047.23W, THEN VIA 5 NM CLOCKWISE ARC CENTERED ON 373353.16N/1213551.76W TO 372930.21N/1213854.03W. CONTROL OBSTACLES: 2559 FT MSL AAO ON TERRAIN AT 374832.70N/1214854.86W (CG) AND 3879 FT MSL AAO ON TERRAIN AT 373338.10N/1213623.66W (CTA).

RWY 25L: FROM 374133.04N/1214921.62W TO 374125.37N/1214904.65W TO 373629.01N/1220701.53W, THEN VIA 5 NM CLOCKWISE ARC CENTERED ON 374123.10N/1220544.24W TO 374127.38N/1221202.27W, THEN VIA 18 NM CLOCKWISE ARC CENTERED ON 374133.04N/1214921.62W TO 375429.76N/1220509.58W, THEN VIA 5 NM CLOCKWISE ARC CENTERED ON 375054.22N/1220045.71W TO 375448.67N/1215648.87W. CONTROL OBSTACLE: 3839 FT MSL AAO ON TERRAIN AT 375244.03N/1215510.81W (CG AND CTA).

RWY 25R: FROM 374137.86N/1214905.38W TO 374130.40N/1214920.28W TO 373637.45N/1220704.89W, THEN VIA 5 NM CLOCKWISE ARC CENTERED ON 374127.75N/1220528.01W TO 374132.06N/1221146.05W, THEN VIA 18 NM CLOCKWISE ARC CENTERED ON 374137.86N/1214905.38W TO 375434.58N/1220453.36W, THEN VIA 5 NM CLOCKWISE ARC CENTERED ON 375059.04N/1220029.48W TO 375453.49N/1215632.64W. CONTROL OBSTACLE: 3839 FT MSL AAO ON TERRAIN AT 375244.03N/1215510.81W (CG AND CTA).

**AUTHORIZED FACILITY:**

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

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

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**CHANGES:****REASONS:**