

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
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
COLORADO SPRINGS, CO	CITY OF COLORADO SPRINGS MUNI	15 SEP 2016	1

CHART - DIVERSE VECTOR AREA (Radar Vectors):

RWY 13: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 250 FT PER NM TO 6400.

RWY 17L: HEADING AS ASSIGNED BY ATC.

RWY 17R: HEADING AS ASSIGNED BY ATC.

RWY 31: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 265 FT PER NM TO 7400.

RWY 35L: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 265 FT PER NM TO 7400.

RWY 35R: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 265 FT PER NM TO 7400.

FOR ATC USE ONLY:

RWY 13: AUTHORIZED HEADINGS 334 CLOCKWISE TO 193 WITHIN 15 NM OF 384909.36N/1044237.44W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 384909.36N/1044237.44W TO 390330.72N/1044815.25W, THEN VIA 15 NM CLOCKWISE ARC CENTERED ON 384909.36N/1044237.44W TO 383513.85N/1044947.43W, TO 384909.36N/1044237.44W.

RWY 17L: AUTHORIZED HEADINGS 352 CLOCKWISE TO 196 WITHIN 15 NM OF 384838.14N/1044108.68W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 384838.14N/1044108.68W TO 390338.86N/1044048.51W, THEN VIA 15 NM CLOCKWISE ARC CENTERED ON 384838.14N/1044108.68W TO 383501.37N/1044913.75W, TO 384838.14N/1044108.68W.

RWY 17R: AUTHORIZED HEADINGS 352 CLOCKWISE TO 190 WITHIN 15 NM OF 384906.90N/1044257.25W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 384906.90N/1044257.25W TO 390407.62N/1044237.08W, THEN VIA 15 NM CLOCKWISE ARC CENTERED ON 384906.90N/1044257.25W TO 383454.92N/1044910.92W, TO 384906.90N/1044257.25W.

RWY 31: AUTHORIZED HEADINGS 335 CLOCKWISE TO 070 WITHIN 15 NM OF 384839.49N/1044159.37W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 384839.49N/1044159.37W TO 384923.36N/1044255.28W, TO 384919.87N/1044259.75W, TO 385006.91N/1044443.59W, THEN VIA 4.2 NM CLOCKWISE ARC CENTERED ON 385304.96N/1044055.07W TO 385155.49N/1044605.27W, TO 390220.12N/1044955.11W, THEN VIA 15 NM CLOCKWISE ARC CENTERED ON 384839.49N/1044159.37W TO 385129.86N/1042308.36W, TO 384839.49N/1044159.37W.

RWY 35L: AUTHORIZED HEADINGS 335 CLOCKWISE TO 120 WITHIN 15 NM OF 384757.53N/1044257.34W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 384757.53N/1044257.34W TO 390223.37N/1044815.73W, THEN VIA 15 NM CLOCKWISE ARC CENTERED ON 384757.53N/1044257.34W TO 383829.63N/1042804.63W, TO 384757.53N/1044257.34W.

RWY 35R: AUTHORIZED HEADINGS 335 CLOCKWISE TO 120 WITHIN 15 NM OF 384704.24N/1044108.83W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 384704.24N/1044108.83W TO 390130.08N/1044627.16W, THEN VIA 15 NM CLOCKWISE ARC CENTERED ON 384704.24N/1044108.83W TO 383736.34N/1042616.30W, TO 384704.24N/1044108.83W.

OBSTACLE EVALUATION AREA (not for video mapping use):

RWY 13: FROM 384909.36N/1044237.44W TO 390108.25N/1045412.40W, THEN VIA 15 NM CLOCKWISE ARC CENTERED ON 384909.36N/1044237.44W TO 390220.84N/1045148.26W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 390330.72N/1044815.25W TO 390622.95N/1044923.09W, THEN VIA 18 NM CLOCKWISE ARC CENTERED ON 384909.36N/1044237.44W TO 383226.69N/1045113.09W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 383513.85N/1044947.43W TO 383637.47N/1045310.84W, THEN VIA 15 NM CLOCKWISE ARC CENTERED ON 384909.36N/1044237.44W TO 383759.17N/1045525.98W, TO 384909.36N/1044237.44W. CONTROL OBSTACLE: 6292 FT. MSL ASR ANTENNA AT 384802.09N/1044042.44W (CG AND CTA).

RWY 17L: FROM 384838.14N/1044108.68W TO 390249.75N/1044724.79W, THEN VIA 15 NM CLOCKWISE ARC CENTERED ON 384838.14N/1044108.68W TO 390323.92N/1044438.84W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 390338.86N/1044048.51W TO 390639.00N/1044044.46W, THEN VIA 18 NM CLOCKWISE ARC CENTERED ON 384838.14N/1044108.68W TO 383217.95N/1045050.40W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 383501.37N/1044913.75W TO 383633.21N/1045231.32W, THEN VIA 15 NM CLOCKWISE ARC CENTERED ON 384838.14N/1044108.68W TO 383800.33N/1045440.84W, TO 384838.14N/1044108.68W.

RWY 17R: FROM 384906.90N/1044257.25W TO 390318.51N/1044913.40W, THEN VIA 15 NM CLOCKWISE ARC CENTERED ON 384906.90N/1044257.25W TO 390352.68N/1044627.43W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 390407.62N/1044237.08W TO 390707.76N/1044233.03W, THEN VIA 18 NM CLOCKWISE ARC CENTERED ON 384906.90N/1044257.25W TO 383204.48N/1045025.36W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 383454.92N/1044910.92W TO 383610.10N/1045239.60W, THEN VIA 15 NM CLOCKWISE ARC CENTERED ON 384906.90N/1044257.25W TO 383726.15N/1045459.97W, TO 384906.90N/1044257.25W.

RWY 31: FROM 384839.49N/1044159.37W TO 384923.36N/1044255.28W, TO 384919.87N/1044259.75W, TO 385006.91N/1044443.59W, THEN VIA 15 NM CLOCKWISE ARC CENTERED ON 384839.49N/1044159.37W TO 385036.76N/1044516.14W, TO 390013.83N/1045413.98W, THEN VIA 15 NM CLOCKWISE ARC CENTERED ON 384839.49N/1044159.37W TO 390049.60N/1045314.82W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 390220.12N/1044955.11W TO 390504.20N/1045130.59W, THEN VIA 18 NM CLOCKWISE ARC CENTERED ON 384839.49N/1044159.37W TO 385203.57N/1041921.97W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 385129.86N/1042308.36W TO 384830.37N/1042248.03W, THEN VIA 15 NM CLOCKWISE ARC CENTERED ON 384839.49N/1044159.37W TO 384617.03N/1042302.75W, TO 384839.49N/1044159.37W. CONTROL OBSTACLES: 6959 FT. MSL AAO ON TERRAIN AT 385322.53N/1044337.99W (CG) AND 7059 FT. MSL AAO ON TERRAIN AT 385410.36N/1044312.87W (CTA).

RWY 35L: FROM 384757.53N/1044257.34W TO 390005.80N/1045415.94W, THEN VIA 15 NM CLOCKWISE ARC CENTERED ON 384757.53N/1044257.34W TO 390116.41N/1045150.22W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 390223.37N/1044815.73W TO 390516.51N/1044919.67W, THEN VIA 18 NM CLOCKWISE ARC CENTERED ON 384757.53N/1044257.34W TO 383635.83N/1042506.56W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 383829.63N/1042804.63W TO 383621.94N/1043046.73W, THEN VIA 15 NM CLOCKWISE ARC CENTERED ON 384757.53N/1044257.34W TO 383504.90N/1043306.18W, TO 384757.53N/1044257.34W. CONTROLLING OBSTACLES: 6959 FT. MSL AAO ON TERRAIN AT 385322.53N/1044337.99W (CG) AND 7059 FT. MSL AAO ON TERRAIN AT 385410.36N/1044312.87W (CTA).

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COLORADO SPRINGS, CO	CITY OF COLORADO SPRINGS MUNI	15 SEP 2016	1

RWY 35R: RWY 35R: FROM 384704.24N/1044108.83W TO 385912.51N/1045227.29W, THEN VIA 15 NM CLOCKWISE ARC CENTERED ON 384704.24N/1044108.83W TO 390023.12N/1045001.60W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 390130.08N/1044627.16W TO 390423.22N/1044731.08W, THEN VIA 18 NM CLOCKWISE ARC CENTERED ON 384704.24N/1044108.83W TO 383542.53N/1042318.27W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 383736.34N/1042616.30W TO 383528.65N/1042858.37W, THEN VIA 15 NM CLOCKWISE ARC CENTERED ON 384704.24N/1044108.83W TO 383411.60N/1043117.79W, TO 384704.24N/1044108.83W. CONTROLLING OBSTACLES: 6779 FT. MSL AAO ON TERRAIN AT 385201.37N/1043928.60W (CG) AND 7059 FT. MSL AAO ON TERRAIN AT 385410.36N/1044312.87W (CTA).

AUTHORIZED FACILITY:

COLORADO SPRINGS TRACON (COS) PHONE: (719) 380-6702 FACILITY MANAGER, (719) 380-6704 OPERATIONS SUPPORT MANAGER (PROCEDURES SPECIALIST).

CHANGES - REASONS:

1. RWY 13 DVA CHANGED FROM "334 CLOCKWISE TO 195" TO "334 CLOCKWISE TO 193", AND "MINIMUM CLIMB OF 250 FT. PER NM TO 6400" ADDED - NEW DTED INDICATED PENETRATION THAT WOULD INCREASE CLIMB GRADIENT TERMINATION ALTITUDE TO 7400 VICE 6400 PER COS ATC REQUEST AND NEW OBSTACLE IN INITIAL CLIMB AREA.
2. RWY 17L, MINOR CHANGES TO COORDINATES DESCRIBING DVA AND OEA - DRP PLOTTED 1/100TH SEC DIFFERENT LATITUDE.
3. RWY 17R DVA CHANGED FROM "352 CLOCKWISE TO 191" TO "352 CLOCKWISE TO 190" - NEW DTED INDICATED PENETRATION THAT WOULD REQUIRE ADDITION OF CLIMB GRADIENT AND CLIMB GRADIENT TERMINATION ALTITUDE, PER COS ATC REQUEST.
4. RWY 31 DVA AZIMUTH REDUCED FROM "335 CLOCKWISE TO 126" TO "335 CLOCKWISE TO 070" - PER COS ATC REQUEST.
5. RWY 35L AND RWY 35R DVA AZIMUTH REDUCED FROM "335 CLOCKWISE TO 171" TO "335 CLOCKWISE TO 120" - PER COS ATC REQUEST.
6. UPDATED FACILITY MANAGER PHONE NUMBER FROM "(719) 380-6700" TO "(719) 380-6702" - COS ATC REQUEST.

QUALITY
3
CHECKED