

**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**  
CLEVELAND, OH

**AIRPORT**  
BURKE LAKEFRONT

**EFFECTIVE DATE**  
*01 FEB 2018*

**AMDT NO**  
ORIG

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

RWY 6L: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 220 FT PER NM TO 900.  
RWY 6R: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 290 FT PER NM TO 1000.  
RWY 24R: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 490 FT PER NM TO 900.

**FOR ATC USE ONLY:**

RWY 6L: AUTHORIZED HEADINGS 300 CLOCKWISE TO 050 WITHIN 9 NM OF 413101.37N/0814109.13W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 413101.37N/0814109.13W TO 413431.95N/0815211.43W, THEN VIA 9 NM CLOCKWISE ARC CENTERED ON 413101.37N/0814109.13W TO 413635.48N/0813143.82W, TO 413236.83N/0813640.48W, THEN VIA 4.2 NM CLOCKWISE ARC CENTERED ON 413528.85N/0814045.92W TO 413155.21N/0813747.66W, TO 413121.35N/0814014.36W, TO 413125.54N/0814017.86W, TO 413101.37N/0814109.13W.

RWY 6R: AUTHORIZED HEADINGS 300 CLOCKWISE TO 050 WITHIN 9 NM OF 413056.17N/0814107.81W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 413056.17N/0814107.81W TO 413426.74N/0815210.08W, THEN VIA 9 NM CLOCKWISE ARC CENTERED ON 413056.17N/0814107.81W TO 413644.57N/0813158.00W, TO 413215.54N/0813732.46W, THEN VIA 4.2 NM CLOCKWISE ARC CENTERED ON 413507.57N/0814137.88W TO 413133.91N/0813839.66W, TO 413108.76N/0814028.70W, TO 413112.95N/0814032.20W, TO 413056.17N/0814107.81W.

RWY 24R: AUTHORIZED HEADINGS 300 CLOCKWISE TO 050 WITHIN 9 NM OF 413115.04N/0814040.13W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 413115.04N/0814040.13W TO 413050.88N/0814131.40W, TO 413046.69N/0814127.91W, TO 412958.60N/0814227.36W, THEN VIA 4.2 NM CLOCKWISE ARC CENTERED ON 413332.14N/0814525.76W TO 412940.03N/0814736.79W, TO 413116.34N/0815239.01W, THEN VIA 9 NM CLOCKWISE ARC CENTERED ON 413115.04N/0814040.13W TO 413749.88N/0813229.02W, TO 413115.04N/0814040.13W.

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

RWY 6L: FROM 413101.37N/0814109.13W TO 413129.03N/0815307.07W, THEN VIA 9 NM CLOCKWISE ARC CENTERED ON 413101.37N/0814109.13W TO 413136.67N/0815306.49W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 413431.95N/0815211.43W TO 413541.90N/0815552.46W, THEN VIA 12 NM CLOCKWISE ARC CENTERED ON 413101.37N/0814109.13W TO 413826.67N/0812835.02W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 413635.48N/0813143.82W TO 413541.50N/0812754.92W, TO 413155.21N/0813747.66W, TO 413121.35N/0814014.36W, TO 413125.54N/0814017.86W, TO 413101.37N/0814109.13W. CONTROL OBSTACLE: 758 FT MSL TOWER 413147.86N/0813857.11W.

RWY 6R: FROM 413056.17N/0814107.81W TO 413123.83N/0815305.73W, THEN VIA 9 NM CLOCKWISE ARC CENTERED ON 413056.17N/0814107.81W TO 413131.47N/0815305.15W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 413426.74N/0815210.08W TO 413536.70N/0815551.11W, THEN VIA 12 NM CLOCKWISE ARC CENTERED ON 413056.17N/0814107.81W TO 413840.55N/0812854.37W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 413644.57N/0813158.00W TO 413530.81N/0812819.13W, TO 413133.91N/0813839.66W, TO 413108.76N/0814028.70W, TO 413112.95N/0814032.20W, TO 413056.17N/0814107.81W. CONTROL OBSTACLES: 737 FT MSL TOWER 413123.91N/0813934.47W (CLIMB GRADIENT), 849 FT MSL TOWER 413137.06N/0813855.71W (CLIMB-TO ALTITUDE).

RWY 24R: FROM 413115.04N/0814040.13W TO 413050.88N/0814131.40W, TO 413046.69N/0814127.91W, TO 412958.60N/0814227.36W, THEN VIA 4.2 NM CLOCKWISE ARC CENTERED ON 413332.14N/0814525.76W TO 412920.36N/0814543.31W, TO 412944.39N/0815605.01W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 413116.34N/0815239.01W TO 413116.49N/0815638.64W, THEN VIA 12 NM CLOCKWISE ARC CENTERED ON 413115.04N/0814040.13W TO 414001.36N/0812944.95W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 413749.88N/0813229.02W TO 413526.63N/0813003.60W, THEN VIA 9 NM CLOCKWISE ARC CENTERED ON 413115.04N/0814040.13W TO 413519.82N/0812958.92W, TO 413115.04N/0814040.13W. CONTROL OBSTACLE: 763 FT MSL STADIUM 413025.30N/0814156.85W.

**AUTHORIZED FACILITY:**

CLE TRACON

**FAA FORM 7210-9 DATE:**

**DEVELOPED BY:** *Digitally signed by*  
BEV BORDY (CHRISTINE BAYSE) **BEV L BORDY**  
Oct 25, 2017

**OFFICE SYMBOL:**  
AJV-5433

**DATE:**  
08/28/2017

**APPROVED BY:** *Digitally signed by*  
PATRICK MULQUEEN **BEV L BORDY**  
Oct 25, 2017

**OFFICE SYMBOL:**  
AJV-5430

**DATE:**

**CHANGES - REASONS:**

ORIGINAL PROCEDURE- FPT/ATC REQUESTED.

QUALITY  
3  
CHECKED