

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)
TITLE 14 CFR PART 97.37**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>CITY, STATE</u>	<u>AIRPORT</u>	<u>EFFECTIVE DATE</u>	<u>AMDT NO</u>
CINCINNATI, OH	CINCINNATI MUNI AIRPORT LUNKEN FIELD	15 AUGUST 2019	15

TAKEOFF MINIMUMS:

RWY 3L, 400-2 WITH MINIMUM CLIMB OF 226 FT PER NM TO 1300 OR STANDARD WITH MINIMUM CLIMB OF 423 FT PER NM TO 1000 OR 1700-3 FOR VCOA.

RWY 3R, 400-2 WITH MINIMUM CLIMB OF 233 FT PER NM TO 1300 OR STANDARD WITH MINIMUM CLIMB OF 384 FT PER NM TO 1100 OR 1700-3 FOR VCOA.

RWY 7, 400-1 3/4 WITH MINIMUM CLIMB OF 279 FT PER NM TO 1000 OR STANDARD WITH MINIMUM CLIMB OF 451 FT PER NM TO 1000 OR 1700-3 VCOA.

RWY 21L, 500-2 1/2 WITH MINIMUM CLIMB OF 254 FT PER NM TO 1100 OR STANDARD WITH MINIMUM CLIMB OF 439 FT PER NM TO 1000 OR 1700-3 VCOA.

RWY 21R, 500-2 3/4 WITH MINIMUM CLIMB OF 226 FT PER NM TO 1100 OR STANDARD WITH MINIMUM CLIMB OF 489 FT PER NM TO 1100 OR 1700-3 VCOA.

RWY 25, 600-2 1/2 WITH MINIMUM CLIMB OF 268 FT PER NM TO 1100 OR 1700-3 FOR VCOA.

TEXTUAL DEPARTURE PROCEDURES:

RWY 3L: CLIMB HEADING 026.70 TO 1200 BEFORE PROCEEDING ON COURSE.

RWY 3R: CLIMB HEADING 025.00 TO 1400 BEFORE PROCEEDING ON COURSE.

RWY 7: CLIMB HEADING 066.09 TO 1300 BEFORE PROCEEDING ON COURSE.

RWY 21L: CLIMB HEADING 205.01 TO 1400 BEFORE PROCEEDING ON COURSE.

RWY 21R: CLIMB HEADING 206.70 TO 1500 BEFORE PROCEEDING ON COURSE.

RWY 25: CLIMB HEADING 246.10 TO 1900 BEFORE PROCEEDING ON COURSE.

VISUAL CLIMB OVER AIRPORT:

OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS CINCINNATI MUNI AIRPORT LUNKEN FIELD AT OR ABOVE 2000 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 3L, BUILDINGS BEGINNING 108 FT FROM DER, 259 FT LEFT OF CENTERLINE, UP TO 514 FT MSL.

POLE 510 FT FROM DER, 595 FT RIGHT OF CENTERLINE, 501 FT MSL.

BUILDINGS BEGINNING 609 FT FROM DER, 308 FT LEFT OF CENTERLINE, UP TO 41 FT AGL/520 FT MSL.

BUILDINGS, TREES BEGINNING 660 FT FROM DER, 428 FT RIGHT OF CENTERLINE, UP TO 63 FT AGL/542 FT MSL.

TREE 1145 FT FROM DER, 319 FT LEFT OF CENTERLINE, 545 FT MSL.

TREE 1561 FT FROM DER, 734 FT RIGHT OF CENTERLINE, 543 FT MSL.

TREE 1710 FT FROM DER, 653 FT LEFT OF CENTERLINE, 566 FT MSL.

TREES BEGINNING 1786 FT FROM DER, 270 FT RIGHT OF CENTERLINE, UP TO 545 FT MSL.

BUILDING, ELEVATOR, TREES BEGINNING 2808 FT FROM DER, 435 FT LEFT OF CENTERLINE, UP TO 612 FT MSL.

TREES BEGINNING 3597 FT FROM DER, 862 FT RIGHT OF CENTERLINE, UP TO 574 FT MSL.

TREES BEGINNING 3788 FT FROM DER, 402 FT RIGHT OF CENTERLINE, UP TO 585 FT MSL.

STACK 5180 FT FROM DER, 1104 FT LEFT OF CENTERLINE, 634 FT MSL.

TREE 5305 FT FROM DER, 1642 FT LEFT OF CENTERLINE, 737 FT MSL.

TREE 6007 FT FROM DER, 1547 FT LEFT OF CENTERLINE, 740 FT MSL.

TREES BEGINNING 1 NM FROM DER, 1604 FT LEFT OF CENTERLINE, UP TO 814 FT MSL.

TREES, BUILDINGS, TERRAIN BEGINNING 1.1 NM FROM DER, 583 FT LEFT OF CENTERLINE, UP TO 850 FT MSL.

TREES BEGINNING 1.2 NM FROM DER, 598 FT LEFT OF CENTERLINE, UP TO 856 FT MSL.

TREES, BUILDING, TERRAIN BEGINNING 1.2 NM FROM DER, 413 FT LEFT OF CENTERLINE, UP TO 864 FT MSL.

TREES, TERRAIN BEGINNING 1.3 NM FROM DER, 301 FT LEFT OF CENTERLINE, UP TO 869 FT MSL.

TREES, TERRAIN, POLES, BUILDING BEGINNING 1.4 NM FROM DER, 112 FT LEFT OF CENTERLINE, UP TO 875 FT MSL.

TREE 1.7 NM FROM DER, 734 FT LEFT OF CENTERLINE, 108 FT AGL/775 FT MSL.

NOTE: RWY 3R, TERRAIN 30 FT FROM DER, 476 FT LEFT OF CENTERLINE, 476 FT MSL.

TREES BEGINNING 513 FT FROM DER, 335 FT RIGHT OF CENTERLINE, UP TO 521 FT MSL.

TREES BEGINNING 913 FT FROM DER, 579 FT LEFT OF CENTERLINE, UP TO 508 FT MSL.

TREES BEGINNING 1084 FT FROM DER, 185 FT LEFT OF CENTERLINE, UP TO 527 FT MSL.

TREES BEGINNING 1573 FT FROM DER, 128 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/524 FT MSL.

TREES BEGINNING 1662 FT FROM DER, 177 FT LEFT OF CENTERLINE, UP TO 529 FT MSL.

TREES BEGINNING 1885 FT FROM DER, 285 FT RIGHT OF CENTERLINE, UP TO 531 FT MSL.

TREE 1969 FT FROM DER, 501 FT RIGHT OF CENTERLINE, 532 FT MSL.

TREE 2015 FT FROM DER, 979 FT RIGHT OF CENTERLINE, 58 FT AGL/533 FT MSL.

TREES BEGINNING 2058 FT FROM DER, 385 FT RIGHT OF CENTERLINE, UP TO 539 FT MSL.

QUALITY
3
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TREES BEGINNING 2437 FT FROM DER, 896 FT RIGHT OF CENTERLINE, UP TO 549 FT MSL.
TREE 2448 FT FROM DER, 749 FT LEFT OF CENTERLINE, 538 FT MSL.
TREES BEGINNING 2621 FT FROM DER, 587 FT RIGHT OF CENTERLINE, UP TO 551 FT MSL.
TREE 2641 FT FROM DER, 1000 FT LEFT OF CENTERLINE, 543 FT MSL.
TREES BEGINNING 2649 FT FROM DER, 424 FT RIGHT OF CENTERLINE, UP TO 558 FT MSL.
TREES BEGINNING 2698 FT FROM DER, 196 FT RIGHT OF CENTERLINE, UP TO 572 FT MSL.
TREES BEGINNING 2814 FT FROM DER, 98 FT RIGHT OF CENTERLINE, UP TO 574 FT MSL.
TREES BEGINNING 2833 FT FROM DER, 984 FT LEFT OF CENTERLINE, UP TO 553 FT MSL.
TREE 2914 FT FROM DER, 316 FT LEFT OF CENTERLINE, 556 FT MSL.
TREES BEGINNING 2954 FT FROM DER, 439 FT LEFT OF CENTERLINE, UP TO 561 FT MSL.
TREES BEGINNING 3128 FT FROM DER, 730 FT LEFT OF CENTERLINE, UP TO 574 FT MSL.
TREES BEGINNING 3336 FT FROM DER, 167 FT LEFT OF CENTERLINE, UP TO 585 FT MSL.
TREES BEGINNING 3363 FT FROM DER, 537 FT RIGHT OF CENTERLINE, UP TO 576 FT MSL.
TREES BEGINNING 3596 FT FROM DER, 627 FT RIGHT OF CENTERLINE, UP TO 578 FT MSL.
TREES BEGINNING 3695 FT FROM DER, 589 FT RIGHT OF CENTERLINE, UP TO 579 FT MSL.
TREES BEGINNING 3843 FT FROM DER, 730 FT RIGHT OF CENTERLINE, UP TO 103 FT AGL/584 FT MSL.
TREES BEGINNING 1.1 NM FROM DER, 2296 FT LEFT OF CENTERLINE, UP TO 695 FT MSL.
TREES BEGINNING 1.1 NM FROM DER, 2295 FT LEFT OF CENTERLINE, UP TO 709 FT MSL.
TREES, TERRAIN BEGINNING 1.2 NM FROM DER, 2302 FT LEFT OF CENTERLINE, UP TO 717 FT MSL.
TREES BEGINNING 1.2 NM FROM DER, 2223 FT LEFT OF CENTERLINE, UP TO 730 FT MSL.
TREES BEGINNING 1.2 NM FROM DER, 2272 FT LEFT OF CENTERLINE, UP TO 759 FT MSL.
TREES BEGINNING 1.2 NM FROM DER, 2192 FT LEFT OF CENTERLINE, UP TO 807 FT MSL.
TREES BEGINNING 1.3 NM FROM DER, 2162 FT LEFT OF CENTERLINE, UP TO 851 FT MSL.
TREES BEGINNING 1.3 NM FROM DER, 2070 FT LEFT OF CENTERLINE, UP TO 855 FT MSL.
TREES, BUILDING, POLES BEGINNING 1.3 NM FROM DER, 1811 FT LEFT OF CENTERLINE, UP TO 70 FT AGL/875 FT MSL.
TREE 1.6 NM FROM DER, 2442 FT LEFT OF CENTERLINE, 108 FT AGL/775 FT MSL.

NOTE: RWY 7, LIGHTING 10 FT FROM DER, 59 FT RIGHT OF CENTERLINE, 2 FT AGL/476 FT MSL.
BUILDING 246 FT FROM DER, 554 FT LEFT OF CENTERLINE, 486 FT MSL.
TREE 530 FT FROM DER, 567 FT LEFT OF CENTERLINE, 26 FT AGL/498 FT MSL.
TREES BEGINNING 706 FT FROM DER, 423 FT RIGHT OF CENTERLINE, UP TO 521 FT MSL.
TREES BEGINNING 946 FT FROM DER, 82 FT RIGHT OF CENTERLINE, UP TO 538 FT MSL.
TREE 1155 FT FROM DER, 559 FT LEFT OF CENTERLINE, 33 FT AGL/505 FT MSL.
TREES BEGINNING 1190 FT FROM DER, 84 FT LEFT OF CENTERLINE, UP TO 48 FT AGL/521 FT MSL.
TREES BEGINNING 1512 FT FROM DER, 265 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/524 FT MSL.
TREES BEGINNING 1576 FT FROM DER, 30 FT LEFT OF CENTERLINE, UP TO 58 FT AGL/530 FT MSL.
TREES BEGINNING 1718 FT FROM DER, 260 FT LEFT OF CENTERLINE, UP TO 532 FT MSL.
TREES BEGINNING 1806 FT FROM DER, 316 FT LEFT OF CENTERLINE, UP TO 537 FT MSL.
TREES BEGINNING 1810 FT FROM DER, 115 FT RIGHT OF CENTERLINE, UP TO 550 FT MSL.
TREES BEGINNING 2033 FT FROM DER, 300 FT LEFT OF CENTERLINE, UP TO 539 FT MSL.
TREES BEGINNING 2116 FT FROM DER, 266 FT RIGHT OF CENTERLINE, UP TO 77 FT AGL/551 FT MSL.
TREES BEGINNING 2172 FT FROM DER, 21 FT RIGHT OF CENTERLINE, UP TO 575 FT MSL.
TREES BEGINNING 2272 FT FROM DER, 680 FT LEFT OF CENTERLINE, UP TO 545 FT MSL.
TREE 2425 FT FROM DER, 532 FT LEFT OF CENTERLINE, 549 FT MSL.
TREES BEGINNING 2451 FT FROM DER, 729 FT LEFT OF CENTERLINE, UP TO 556 FT MSL.
TREES BEGINNING 2499 FT FROM DER, 16 FT LEFT OF CENTERLINE, UP TO 572 FT MSL.
TREES BEGINNING 2769 FT FROM DER, 16 FT LEFT OF CENTERLINE, UP TO 574 FT MSL.
TREES BEGINNING 2879 FT FROM DER, ON AND RIGHT OF CENTERLINE, UP TO 592 FT MSL.
TREES BEGINNING 3002 FT FROM DER, 141 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/576 FT MSL.
TREES BEGINNING 3723 FT FROM DER, 1369 FT RIGHT OF CENTERLINE, UP TO 668 FT MSL.
TREES, BUILDING, TERRAIN BEGINNING 3889 FT FROM DER, 1033 FT RIGHT OF CENTERLINE, UP TO 694 FT MSL.
TREES BEGINNING 4531 FT FROM DER, 1354 FT RIGHT OF CENTERLINE, UP TO 709 FT MSL.

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TREES BEGINNING 4546 FT FROM DER, 1087 FT RIGHT OF CENTERLINE, UP TO 731 FT MSL.
TREES BEGINNING 1.1 NM FROM DER, 1899 FT RIGHT OF CENTERLINE, UP TO 737 FT MSL.
TREES BEGINNING 1.2 NM FROM DER, 1333 FT RIGHT OF CENTERLINE, UP TO 757 FT MSL.
TREES BEGINNING 1.2 NM FROM DER, 1427 FT RIGHT OF CENTERLINE, UP TO 780 FT MSL.
TREES BEGINNING 1.2 NM FROM DER, 1131 FT RIGHT OF CENTERLINE, UP TO 782 FT MSL.
TREE, BUILDINGS BEGINNING 1.2 NM FROM DER, 1224 FT RIGHT OF CENTERLINE, UP TO 813 FT MSL.
TREES BEGINNING 1.3 NM FROM DER, 1653 FT RIGHT OF CENTERLINE, UP TO 79 FT AGL/823 FT MSL.
TREE 1.6 NM FROM DER, 2999 FT RIGHT OF CENTERLINE, 759 FT MSL.

NOTE: RWY 21L, TREE 90 FT FROM DER, 436 FT RIGHT OF CENTERLINE, 7 FT AGL/486 FT MSL.
TREES BEGINNING 437 FT FROM DER, 602 FT LEFT OF CENTERLINE, UP TO 509 FT MSL.
TREE 748 FT FROM DER, 605 FT LEFT OF CENTERLINE, 511 FT MSL.
TREES BEGINNING 835 FT FROM DER, 587 FT LEFT OF CENTERLINE, UP TO 522 FT MSL.
TREES BEGINNING 945 FT FROM DER, 583 FT LEFT OF CENTERLINE, UP TO 531 FT MSL.
TREES BEGINNING 1288 FT FROM DER, 720 FT LEFT OF CENTERLINE, UP TO 535 FT MSL.
TREE 1510 FT FROM DER, 880 FT RIGHT OF CENTERLINE, 524 FT MSL.
TREE 1553 FT FROM DER, 747 FT RIGHT OF CENTERLINE, 525 FT MSL.
TREES BEGINNING 1590 FT FROM DER, 648 FT RIGHT OF CENTERLINE, UP TO 527 FT MSL.
TREES BEGINNING 1597 FT FROM DER, 635 FT LEFT OF CENTERLINE, UP TO 570 FT MSL.
TREES BEGINNING 1693 FT FROM DER, 218 FT RIGHT OF CENTERLINE, UP TO 543 FT MSL.
TREES BEGINNING 1770 FT FROM DER, 576 FT LEFT OF CENTERLINE, UP TO 573 FT MSL.
TREES BEGINNING 1962 FT FROM DER, 173 FT LEFT OF CENTERLINE, UP TO 575 FT MSL.
TREE 2236 FT FROM DER, 372 FT RIGHT OF CENTERLINE, 546 FT MSL.
TREE 2246 FT FROM DER, 250 FT RIGHT OF CENTERLINE, 66 FT AGL/547 FT MSL.
TREES BEGINNING 2347 FT FROM DER, 424 FT RIGHT OF CENTERLINE, UP TO 549 FT MSL.
TREES BEGINNING 2529 FT FROM DER, 6 FT LEFT OF CENTERLINE, UP TO 588 FT MSL.
TREE 2538 FT FROM DER, 600 FT RIGHT OF CENTERLINE, 550 FT MSL.
TREES BEGINNING 2601 FT FROM DER, 725 FT RIGHT OF CENTERLINE, UP TO 556 FT MSL.
TREE 2923 FT FROM DER, 84 FT RIGHT OF CENTERLINE, 96 FT AGL/575 FT MSL.
TREES BEGINNING 3044 FT FROM DER, 3 FT RIGHT OF CENTERLINE, UP TO 104 FT AGL/580 FT MSL.
TREE 3254 FT FROM DER, 328 FT RIGHT OF CENTERLINE, 105 FT AGL/582 FT MSL.
TREES BEGINNING 3344 FT FROM DER, 285 FT RIGHT OF CENTERLINE, UP TO 106 FT AGL/584 FT MSL.
TREES BEGINNING 3470 FT FROM DER, 42 FT RIGHT OF CENTERLINE, UP TO 115 FT AGL/591 FT MSL.
TREES BEGINNING 3614 FT FROM DER, 7 FT RIGHT OF CENTERLINE, UP TO 135 FT AGL/597 FT MSL.
TREE 3868 FT FROM DER, 39 FT LEFT OF CENTERLINE, 129 FT AGL/589 FT MSL.
TREES BEGINNING 3920 FT FROM DER, 111 FT LEFT OF CENTERLINE, UP TO 617 FT MSL.
TREES BEGINNING 4007 FT FROM DER, 1406 FT LEFT OF CENTERLINE, UP TO 634 FT MSL.
TREES BEGINNING 4102 FT FROM DER, 1321 FT LEFT OF CENTERLINE, UP TO 654 FT MSL.
TREES BEGINNING 4376 FT FROM DER, 1254 FT LEFT OF CENTERLINE, UP TO 713 FT MSL.
TREES BEGINNING 4614 FT FROM DER, 1152 FT LEFT OF CENTERLINE, UP TO 734 FT MSL.
TREE 1.4 NM FROM DER, 2928 FT RIGHT OF CENTERLINE, 743 FT MSL.
TREES BEGINNING 1.5 NM FROM DER, 2353 FT RIGHT OF CENTERLINE, UP TO 755 FT MSL.
TREES BEGINNING 1.5 NM FROM DER, 2334 FT RIGHT OF CENTERLINE, UP TO 790 FT MSL.
TREE 1.5 NM FROM DER, 3033 FT RIGHT OF CENTERLINE, 801 FT MSL.
TREES BEGINNING 1.5 NM FROM DER, 2239 FT RIGHT OF CENTERLINE, UP TO 807 FT MSL.
TREES BEGINNING 1.5 NM FROM DER, 2457 FT RIGHT OF CENTERLINE, UP TO 876 FT MSL.
TREES, TERRAIN BEGINNING 1.6 NM FROM DER, 2189 FT RIGHT OF CENTERLINE, UP TO 882 FT MSL.
TREES BEGINNING 1.6 NM FROM DER, 2241 FT RIGHT OF CENTERLINE, UP TO 888 FT MSL.
TREE, POLE BEGINNING 1.6 NM FROM DER, 1845 FT RIGHT OF CENTERLINE, UP TO 890 FT MSL.
SPIRES, BUILDING, TREE BEGINNING 1.9 NM FROM DER, 1589 FT RIGHT OF CENTERLINE, UP TO 78 FT AGL/891 FT MSL.
TOWER 2 NM FROM DER, 2018 FT RIGHT OF CENTERLINE, 156 FT AGL/971 FT MSL.
ANTENNAS, TREES, TOWER, POLE BEGINNING 2 NM FROM DER, 259 FT RIGHT OF CENTERLINE, UP TO 160 FT AGL/978 FT MSL.

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TREES BEGINNING 2.5 NM FROM DER, 849 FT RIGHT OF CENTERLINE, UP TO 897 FT MSL.

NOTE: RWY 21R, TREE 990 FT FROM DER, 410 FT RIGHT OF CENTERLINE, 576 FT MSL.

TREE 1315 FT FROM DER, 118 FT RIGHT OF CENTERLINE, 581 FT MSL.

TREE 1428 FT FROM DER, 13 FT LEFT OF CENTERLINE, 563 FT MSL.

TREES BEGINNING 1677 FT FROM DER, 181 FT LEFT OF CENTERLINE, UP TO 582 FT MSL.

TREES BEGINNING 1945 FT FROM DER, 311 FT RIGHT OF CENTERLINE, UP TO 595 FT MSL.

TREE 1.1 NM FROM DER, 1738 FT RIGHT OF CENTERLINE, 716 FT MSL.

TREES BEGINNING 1.1 NM FROM DER, 1751 FT RIGHT OF CENTERLINE, UP TO 910 FT MSL.

TREES BEGINNING 1.3 NM FROM DER, 990 FT RIGHT OF CENTERLINE, UP TO 935 FT MSL.

TREES BEGINNING 1.6 NM FROM DER, 2334 FT RIGHT OF CENTERLINE, UP TO 941 FT MSL.

TREES, TERRAIN, BUILDINGS, POLE BEGINNING 1.7 NM FROM DER, 2 FT RIGHT OF CENTERLINE, UP TO 943 FT MSL.

TREE 1.8 NM FROM DER, 2 FT LEFT OF CENTERLINE, 789 FT MSL.

TREES BEGINNING 1.9 NM FROM DER, 21 FT LEFT OF CENTERLINE, UP TO 808 FT MSL.

TREES BEGINNING 1.9 NM FROM DER, 101 FT LEFT OF CENTERLINE, UP TO 817 FT MSL.

TREES BEGINNING 1.9 NM FROM DER, 94 FT LEFT OF CENTERLINE, UP TO 858 FT MSL.

TREES BEGINNING 1.9 NM FROM DER, 33 FT LEFT OF CENTERLINE, UP TO 890 FT MSL.

BUILDING 2.1 NM FROM DER, 1474 FT RIGHT OF CENTERLINE, 952 FT MSL.

TOWER, TREES, BEGINNING 2.1 NM FROM DER, 508 FT RIGHT OF CENTERLINE, UP TO 106 FT AGL/956 FT MSL.

SPIRES, BUILDING, TREE BEGINNING 2.2 NM FROM DER, 29 FT LEFT OF CENTERLINE, UP TO 78 FT AGL/891 FT MSL.

ANTENNA 2.2 NM FROM DER, 1215 FT RIGHT OF CENTERLINE, 966 FT MSL.

TOWER, TREES, ANTENNA BEGINNING 2.2 NM FROM DER, 451 FT RIGHT OF CENTERLINE, UP TO 125 FT AGL/969 FT MSL.

TOWER 2.3 NM FROM DER, 535 FT LEFT OF CENTERLINE, 156 FT AGL/971 FT MSL.

ANTENNA, TREES BEGINNING 2.3 NM FROM DER, 118 FT LEFT OF CENTERLINE, UP TO 160 FT AGL/978 FT MSL.

TREE 2.5 NM FROM DER, 1167 FT RIGHT OF CENTERLINE, 879 FT MSL.

NOTE: RWY 25, TERRAIN 2 FT FROM DER, 417 FT LEFT OF CENTERLINE, 483 FT MSL.

FENCE 79 FT FROM DER, 460 FT RIGHT OF CENTERLINE, 487 FT MSL.

BUILDINGS, FENCE BEGINNING 177 FT FROM DER, 47 FT LEFT OF CENTERLINE, UP TO 35 FT AGL/518 FT MSL.

POLE 182 FT FROM DER, 310 FT RIGHT OF CENTERLINE, 511 FT MSL.

TREES, VEHICLE ON ROAD, TRANSMISSION LINE, POLES, TERRAIN, BUILDINGS BEGINNING 195 FT FROM DER, ON CENTERLINE, UP TO 51 FT MSL.

TREE, BUILDINGS, POLES BEGINNING 513 FT FROM DER, ON AND LEFT OF CENTERLINE, UP TO 549 FT MSL.

TREES, TERRAIN BEGINNING 597 FT FROM DER, 50 FT LEFT OF CENTERLINE, UP TO 552 FT MSL.

TREES, TRANSMISSION LINE, SIGNS BEGINNING 1176 FT FROM DER, 34 FT LEFT OF CENTERLINE, UP TO 553 FT MSL.

TREES BEGINNING 1628 FT FROM DER, 95 FT RIGHT OF CENTERLINE, UP TO 570 FT MSL.

TREE 3484 FT FROM DER, 393 FT RIGHT OF CENTERLINE, 103 FT AGL/577 FT MSL.

TREES BEGINNING 3531 FT FROM DER, 256 FT RIGHT OF CENTERLINE, UP TO 589 FT MSL.

TREES, TRANSMISSION LINE BEGINNING 3650 FT FROM DER, 152 FT RIGHT OF CENTERLINE, UP TO 604 FT MSL.

TREE 3733 FT FROM DER, 361 FT LEFT OF CENTERLINE, 101 FT AGL/578 FT MSL.

TREES BEGINNING 3752 FT FROM DER, 119 FT LEFT OF CENTERLINE, UP TO 81 FT AGL/584 FT MSL.

TREES BEGINNING 3753 FT FROM DER, 17 FT RIGHT OF CENTERLINE, UP TO 605 FT MSL.

TREES BEGINNING 3800 FT FROM DER, 288 FT RIGHT OF CENTERLINE, UP TO 640 FT MSL.

TREES BEGINNING 3830 FT FROM DER, 708 FT RIGHT OF CENTERLINE, UP TO 660 FT MSL.

TREES BEGINNING 3857 FT FROM DER, 45 FT LEFT OF CENTERLINE, UP TO 76 FT AGL/590 FT MSL.

TREES, TRANSMISSION LINE BEGINNING 3872 FT FROM DER, 175 FT RIGHT OF CENTERLINE, UP TO 672 FT MSL.

TREES BEGINNING 3896 FT FROM DER, 286 FT RIGHT OF CENTERLINE, UP TO 708 FT MSL.

TREES BEGINNING 3975 FT FROM DER, 159 FT RIGHT OF CENTERLINE, UP TO 715 FT MSL.

TREE 4033 FT FROM DER, 1524 FT RIGHT OF CENTERLINE, 721 FT MSL.

TREES BEGINNING 4037 FT FROM DER, 167 FT LEFT OF CENTERLINE, UP TO 45 FT AGL/594 FT MSL.

TREES BEGINNING 4049 FT FROM DER, 273 FT RIGHT OF CENTERLINE, UP TO 740 FT MSL.

TREES, TERRAIN BEGINNING 4073 FT FROM DER, 495 FT RIGHT OF CENTERLINE, UP TO 761 FT MSL.

TREES, TERRAIN BEGINNING 4096 FT FROM DER, 19 FT RIGHT OF CENTERLINE, UP TO 779 FT MSL.

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TREE 4104 FT FROM DER, 56 FT LEFT OF CENTERLINE, 87 FT AGL/600 FT MSL.
TREES BEGINNING 4115 FT FROM DER, 554 FT LEFT OF CENTERLINE, UP TO 645 FT MSL.
TREES BEGINNING 4139 FT FROM DER, 145 FT LEFT OF CENTERLINE, UP TO 106 FT AGL/651 FT MSL.
TREES BEGINNING 4166 FT FROM DER, 270 FT LEFT OF CENTERLINE, UP TO 91 FT AGL/689 FT MSL.
TREES BEGINNING 4184 FT FROM DER, 79 FT LEFT OF CENTERLINE, UP TO 77 FT AGL/704 FT MSL.
TREES BEGINNING 4236 FT FROM DER, 172 FT LEFT OF CENTERLINE, UP TO 707 FT MSL.
TREES, TERRAIN BEGINNING 4284 FT FROM DER, 28 FT RIGHT OF CENTERLINE, UP TO 800 FT MSL.
TREES BEGINNING 4322 FT FROM DER, 30 FT LEFT OF CENTERLINE, UP TO 74 FT AGL/733 FT MSL.
TREE 4360 FT FROM DER, 520 FT LEFT OF CENTERLINE, 769 FT MSL.
TREES BEGINNING 4374 FT FROM DER, 111 FT LEFT OF CENTERLINE, UP TO 780 FT MSL.
TREES BEGINNING 4504 FT FROM DER, 482 FT LEFT OF CENTERLINE, UP TO 788 FT MSL.
TREE, TERRAIN BEGINNING 4512 FT FROM DER, 66 FT LEFT OF CENTERLINE, UP TO 797 FT MSL.
TREES, TERRAIN, BUILDING BEGINNING 4523 FT FROM DER, 39 FT RIGHT OF CENTERLINE, UP TO 807 FT MSL.
TREES, BUILDINGS, TERRAIN BEGINNING 4690 FT FROM DER, 21 FT LEFT OF CENTERLINE, UP TO 814 FT MSL.
TREE, BUILDING, TERRAIN BEGINNING 4706 FT FROM DER, 81 FT RIGHT OF CENTERLINE, UP TO 817 FT MSL.
TREE, TERRAIN BEGINNING 4830 FT FROM DER, 256 FT RIGHT OF CENTERLINE, UP TO 825 FT MSL.
TREES, BUILDING, TERRAIN BEGINNING 4879 FT FROM DER, 137 FT RIGHT OF CENTERLINE, UP TO 831 FT MSL.
TREES, TERRAIN BEGINNING 4939 FT FROM DER, 44 FT RIGHT OF CENTERLINE, UP TO 843 FT MSL.
TREE 4974 FT FROM DER, 1637 FT LEFT OF CENTERLINE, 835 FT MSL.
TREES, TERRAIN, BUILDINGS BEGINNING 4980 FT FROM DER, 37 FT LEFT OF CENTERLINE, UP TO 862 FT MSL.
TREES BEGINNING 5078 FT FROM DER, 340 FT RIGHT OF CENTERLINE, UP TO 862 FT MSL.
TREES BEGINNING 5134 FT FROM DER, 39 FT RIGHT OF CENTERLINE, UP TO 864 FT MSL.
TREES, POLE BEGINNING 5206 FT FROM DER, 47 FT LEFT OF CENTERLINE, UP TO 869 FT MSL.
TREES BEGINNING 5255 FT FROM DER, 292 FT RIGHT OF CENTERLINE, UP TO 869 FT MSL.
TREES, TRANSMISSION LINE BEGINNING 5301 FT FROM DER, 136 FT RIGHT OF CENTERLINE, UP TO 870 FT MSL.
TREES, TRANSMISSION LINE BEGINNING 5319 FT FROM DER, 36 FT RIGHT OF CENTERLINE, UP TO 877 FT MSL.
TREES, TERRAIN, BUILDINGS BEGINNING 5394 FT FROM DER, 43 FT RIGHT OF CENTERLINE, UP TO 903 FT MSL.
TREES, BUILDING BEGINNING 5507 FT FROM DER, 44 FT LEFT OF CENTERLINE, UP TO 894 FT MSL.
TREES, BUILDING, TERRAIN, TRANSMISSION LINE BEGINNING 5706 FT FROM DER, 22 FT RIGHT OF CENTERLINE, UP TO 914 FT MSL.
TREES, BUILDING BEGINNING 5741 FT FROM DER, 30 FT LEFT OF CENTERLINE, UP TO 903 FT MSL.
TREES, BUILDINGS, TERRAIN, TRANSMISSION LINE BEGINNING 5849 FT FROM DER, 38 FT RIGHT OF CENTERLINE, UP TO 919 FT MSL.
TREES BEGINNING 1 NM FROM DER, 1108 FT RIGHT OF CENTERLINE, UP TO 925 FT MSL.
TREES BEGINNING 1 NM FROM DER, 34 FT RIGHT OF CENTERLINE, UP TO 928 FT MSL.
TREE, BUILDING, TRANSMISSION LINE, TERRAIN BEGINNING 1 NM FROM DER, 22 FT RIGHT OF CENTERLINE, UP TO 932 FT MSL.
TREES, TERRAIN, BUILDINGS, TRANSMISSION LINE, TOWER, ANTENNA BEGINNING 1 NM FROM DER, 16 FT LEFT OF CENTERLINE, UP TO 917 FT MSL.
TREES, BUILDING, TERRAIN, TRANSMISSION LINE BEGINNING 1.1 NM FROM DER, 3 FT RIGHT OF CENTERLINE, UP TO 943 FT MSL.
TANK, TREES BEGINNING 1.4 NM FROM DER, 1580 FT RIGHT OF CENTERLINE, UP TO 200 FT AGL/1024 FT MSL.
TANK, TREES, TERRAIN, BUILDINGS, TRANSMISSION LINE BEGINNING 1.4 NM FROM DER, 16 FT RIGHT OF CENTERLINE, UP TO 1045 FT MSL.
TREES, TRANSMISSION LINE, TERRAIN, BUILDING BEGINNING 1.4 NM FROM DER, 1 FT LEFT OF CENTERLINE, UP TO 919 FT MSL.
TREES, TERRAIN, BUILDINGS, POLE, BEGINNING 1.5 NM FROM DER, 10 FT LEFT OF CENTERLINE, UP TO 926 FT MSL.
TOWER 2.5 NM FROM DER, 2048 FT LEFT OF CENTERLINE, 158 FT AGL/885 FT MSL.

QUALITY
3
CHECKED

CONTROLLING OBSTACLES:

RWY 3L: 850 FT MSL TREE 390746.25N/0842500.84W (423 CLIMB GRADIENT, CLIMB-TO ALTITUDE), 778 FT MSL TREE 390812.83N/0842425.01W (226 CLIMB GRADIENT), 1090 FT MSL AAO 390927.00N/0842206.00W (226 CG CLIMB-TO ALTITUDE), 875 FT MSL TREE 390756.42N/0842435.99W (CEILING), 771 FT MSL TREE 390815.44N/0842443.37W (VISIBILITY).

RWY 3R: 875 FT MSL TREE 390756.42N/0842435.99 (384 CLIMB GRADIENT, CLIMB-TO ALTITUDE, CEILING), 1090 FT MSL AAO 390927.00N/0842206.00W (233 CLIMB GRADIENT, CLIMB-TO ALTITUDE), 775 FT MSL TREE 390813.16N/0842424.81W (VISIBILITY).

RWY 7: 731 FT MSL TREE 390640.53N/0842342.90W (451 CLIMB GRADIENT, CLIMB-TO ALTITUDE), 798 FT MSL TREE 390651.79N/0842242.64W (279 CLIMB GRADIENT, CLIMB-TO ALTITUDE), 823 FT MSL TREE 390652.45N/0842256.28W (CEILING, VISIBILITY).

RWY 21L: 734 FT MSL TREE 390445.31N/0842511.42W (439 CLIMB GRADIENT), 978 FT MSL ANTENNA 390347.84N/0842629.74W (439 CG CLIMB-TO ALTITUDE, CEILING, VISIBILITY), 901 FT MSL TREE 390344.09N/0842651.93W (254 CG CLIMB-TO ALTITUDE).

RWY 21R: 910 FT MSL TREE 390503.49N/0842627.62W (489 CLIMB GRADIENT, CLIMB-TO ALTITUDE), 885 FT MSL TREE 390359.88N/0842711.57W (226

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)
TITLE 14 CFR PART 97.37**

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<u>CITY, STATE</u>	<u>AIRPORT</u>	<u>EFFECTIVE DATE</u>	<u>AMDT NO</u>
CINCINNATI, OH	CINCINNATI MUNI AIRPORT LUNKEN FIELD	15 AUGUST 2019	15

CLIMB GRADIENT, CLIMB-TO ALTITUDE), 978 FT MSL ANTENNA 390347.84N/0842629.74W (CEILING, VISIBILITY).

RWY 25: 911 FT MSL TREE 390437.09N/0842742.18W (CLIMB GRADIENT, CLIMB-TO ALTITUDE), 1045 FT MSL TANK 390545.00N/0842727.00W (CEILING), 912 FT MSL TREE 390447.67N/0842741.94W (VISIBILITY).

ALL RWYS (VCOA): 1082 FT MSL TOWER 390736.00N/0842906.00W (VCA), 1742 FT MSL TOWER 390659.00N/0843007.00W (VCOA).

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

RWY 3L: 1742 FT MSL TOWER 390659.00N/0843007.00W

RWY 3R: 1710 FT MSL TOWER 390730.37N/082956.02W

RWY 7: 1742 FT MSL TOWER 390659.00N/0843007.00W

RWY 21L: 1742 FT MSL TOWER 390659.00N/0843007.00W

RWY 21R: 1742 FT MSL TOWER 390659.00N/0843007.00W

RWY 25: 1742 FT MSL TOWER 390659.00N/0843007.00W

REMARKS:

FLIGHT INSPECTED BY: *Digitally signed by*
DONALD H LANIER
PAUL R ARMSTRONG May 15, 2019

OFFICE SYMBOL: **DATE:**
FICO 5/9/19

DEVELOPED BY: *Digitally signed by*
DONALD H LANIER
JACOB MAXFIELD May 15, 2019

OFFICE SYMBOL: **DATE:**
AJV-A5431 04/10/2019

APPROVED BY: *Digitally signed by*
DONALD H LANIER
LONNIE EVERHART May 15, 2019

OFFICE SYMBOL: **DATE:**
AJV-A5430

REQUIRED EFFECTIVE DATE:
ROUTINE

COORDINATED WITH:

<u>A4A</u>	<u>ALPA</u>	<u>AOPA</u>	<u>APA</u>	<u>HAI</u>	<u>NBAA</u>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER:
ZID, CVG APP CON, LUK ATCT, AMGR

QUALITY
3
CHECKED

CHANGES - REASONS:

1. CHANGED RWY 3L TAKEOFF MINMUMS FROM "STANDARD WITH MINIMUM CLIMB OF 392 FT PER NM TO 1000 OR 400-2 WITH MINIMUM CLIMB OF 213 FT PER NM TO 1400 OR 1700-2 1/2 FOR CLIMB IN VISUAL CONDITIONS" TO "400-2 WITH MINIMUM CLIMB OF 226 FT PER NM TO 1300 OR STANDARD WITH MINIMUM CLIMB OF 423 FT PER NM TO 1000 OR 1700-3 FOR VCOA." - NEW CONTROLLING OBSTACLE AND APPLICATION OF NEW CG CRITERIA IN THE 8260.3D, CHAPTER 14/NEW SURVEY DATA.

2. CHANGED RWY 3R TAKEOFF MINMUMS FROM "STANDARD WITH MINIMUM CLIMB OF 355 FT PER NM TO 1000 OR 400-2 WITH MINIMUM CLIMB OF 231 FT PER NM TO 1400 OR 1700-2 1/2 FOR CLIMB IN VISUAL CONDITIONS" TO "400-2 WITH MINIMUM CLIMB OF 233 FT PER NM TO 1300 OR STANDARD WITH MINIMUM CLIMB OF 384 FT PER NM TO 1100 OR 1700-3 FOR VCOA." - NEW CONTROLLING OBSTACLE AND APPLICATION OF NEW CG CRITERIA IN THE 8260.3D, CHAPTER 14/NEW SURVEY DATA.

3. CHANGED RWY 7 TAKEOFF MINMUMS FROM "STANDARD WITH MINIMUM CLIMB OF 451 FT PER NM TO 1000 OR 400-1 3/4 WITH MINIMUM CLIMB OF 206 FT PER NM TO 1300 OR 1700-2 1/2 FOR CLIMB IN VISUAL CONDITIONS" TO "400-1 3/4 WITH MINIMUM CLIMB OF 279 FT PER NM TO 1000 OR STANDARD WITH MINIMUM CLIMB OF 424 FT PER NM TO 1000 OR 1700-3 FOR VCOA." - NEW CONTROLLING OBSTACLE AND APPLICATION OF NEW CG CRITERIA IN THE 8260.3D, CHAPTER 14/NEW SURVEY DATA.

4. CHANGED RWY 21L TAKEOFF MINMUMS FROM "STANDARD WITH MINIMUM CLIMB OF 413 FT PER NM TO 1100 OR 600-2 3/4 WITH MINIMUM CLIMB OF 228 FT PER NM TO 1300 OR 1700-2 1/2 FOR CLIMB IN VISUAL CONDITIONS" TO "500-2 1/2 WITH MINIMUM CLIMB OF 254 FT PER NM TO 1100 OR STANDARD WITH MINIMUM CLIMB OF 439 FT PER NM TO 1000 OR 1700-3 FOR VCOA." - NEW CONTROLLING OBSTACLE AND APPLICATION OF NEW CG CRITERIA IN THE 8260.3D, CHAPTER 14/NEW SURVEY DATA.

5. CHANGED RWY 21R TAKEOFF MINMUMS FROM "STANDARD WITH MINIMUM CLIMB OF 468 FT PER NM TO 1100 OR 600-3 WITH MINIMUM CLIMB OF 223 FT PER NM TO 1300 OR 1700-2 1/2 FOR CLIMB IN VISUAL CONDITIONS" TO "500-2 3/4 WITH MINIMUM CLIMB OF 226 FT PER NM TO 1100 OR STANDARD WITH MINIMUM CLIMB OF 489 FT PER NM TO 1100 OR 1700-3 FOR VCOA." - NEW CONTROLLING OBSTACLE AND APPLICATION OF NEW CG CRITERIA IN THE 8260.3D, CHAPTER 14/NEW SURVEY DATA.

6. CHANGED RWY 25 TAKEOFF MINMUMS FROM "600-2 3/4 WITH MINIMUM CLIMB OF 218 FT PER NM TO 1300 OR 1700-2 1/2 FOR CLIMB IN VISUAL CONDITIONS" TO "600-2 1/2 WITH MINIMUM CLIMB OF 268 FT PER NM TO 1100 OR 1700-3 FOR VCOA." - NEW CONTROLLING OBSTACLE AND

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
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<u>CITY, STATE</u>	<u>AIRPORT</u>	<u>EFFECTIVE DATE</u>	<u>AMDT NO</u>
CINCINNATI, OH	CINCINNATI MUNI AIRPORT LUNKEN FIELD	15 AUGUST 2019	15

APPLICATION OF NEW CG CRITERIA IN THE 8260.3D, CHAPTER 14/NEW SURVEY DATA.

7. REMOVED "FOR CLIMB IN VISUAL CONDITIONS: CROSS CINCINNATI MUNI AIRPORT-LUNKEN FIELD AT OR ABOVE 2000 MSL BEFORE PROCEEDING ON COURSE" FROM TEXTUAL DEPARTURE PROCEDURE ALL RUNWAYS AND ADDED "OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS CINCINNATI MUNI AIRPORT-LUNKEN FIELD AT OR ABOVE 2000 BEFORE PROCEEDING ON COURSE" TO THE VISUAL CLIMB OVER AIRPORT SECTION - IAW 8260.46F APPENDIX D PARA 8.B.

8. CHANGED RWY 3L TEXTUAL DEPARTURE HEADING FROM 026.69 TO 026.70 - NEW SURVEY DATA.

9. CHANGED RWY 3R TEXTUAL DEPARTURE FROM "CLIMB HEADING 025.01 TO 1400 BEFORE PROCEEDING ON COURSE" TO "CLIMB HEADING 025.00 TO 1300 BEFORE PROCEEDING ON COURSE" - NEW SURVEY DATA/NEW CONTROLLING OBSTACLE.

10. CHANGED RWY 7 TEXTUAL DEPARTURE CLIMB-TO ALTITUDE FROM 1300 TO 1200 - NEW CONTROLLING OBSTACLE.

11. UPDATED TAKEOFF OBSTACLE NOTES - NEW SURVEY DATA.

12. CHANGED RWY 3L CONTROLLING OBSTACLES FROM "866 MSL TREES 390752.21N/0842457.23W. 797 MSL POLE 390806.00N/0842423.00W. 1079 MSL AAO 390952.70N/0842258.00W. 1109 MSL AAO 390942.75N/0842200.15W. 1749 MSL TOWER 390730.00N/0842956.00W" TO "850 FT MSL TREE 390746.25N/0842500.84W (423 CLIMB GRADIENT, CLIMB-TO ALTITUDE), 778 FT MSL TREE 390812.83N/0842425.01W (226 CLIMB GRADIENT), 1090 FT MSL AAO 390927.00N/0842206.00W (226 CG CLIMB-TO ALTITUDE), 875 FT MSL TREE 390756.42N/0842435.99W (CEILING), 771 FT MSL TREE 390815.44N/0842443.37W (VISIBILITY)" AND ADDED OBSTACLES MANDATING ODP ROUTE DEVELOPMENT 1742 FT MSL TOWER 390659.00N/0843007.00W - NEW SURVEY DATA.

13. CHANGED RWY 3R CONTROLLING OBSTACLES FROM "856 MSL TREES 390755.97N/0842432.62W. 797 MSL POLE 390805.00N/0842423.00W. 1099 MSL AAO 390927.40N/0842205.40W. 1109 MSL" TO "875 FT MSL TREE 390756.42N/0842435.99 (384 CLIMB GRADIENT, CLIMB-TO ALTITUDE, CEILING), 1090 FT MSL AAO 390927.00N/0842206.00W (233 CLIMB GRADIENT, CLIMB-TO ALTITUDE), 775 FT MSL TREE 390813.16N/0842424.81W (VISIBILITY)" AND ADDED OBSTACLE MANDATING ODP ROUTE DEVELOPMENT 1710 FT MSL TOWER 390730.37N/082956.02W - NEW SURVEY DATA.

14. CHANGED RWY 7 CONTROLLING OBSTACLES FROM "720 MSL TREES 390840.64N/0842343.40N. 824 MSL TREES 390652.81N/0842258.46W. 1079 MSL AAO 390905.30N/0842053.30W. 1039 MSL AAO 390901.30N/0842133.00W" TO "731 FT MSL TREE 390640.53N/0842342.90W (451 CLIMB GRADIENT, CLIMB-TO ALTITUDE), 798 FT MSL TREE 390651.79N/0842242.64W (279 CLIMB GRADIENT, CLIMB-TO ALTITUDE), 823 FT MSL TREE 390652.45N/0842256.28W (CEILING, VISIBILITY)" AND ADDED OBSTACLE MANDATING ODP ROUTE DEVELOPMENT 1742 FT MSL TOWER 390659.00N/0843007.00W - NEW SURVEY DATA.

15. CHANGED RWY 21L CONTROLLING OBSTACLES FROM "723 MSL TREES 390446.19N/0842513.21W. 990 MSL TOWER 390347.81N/0842629.92W. 841 MSL POLE 390332.00N/0842814.00W 1069 MSL AAO 390225.30N/0842652.60W. 1743 MSL TOWER 390659.00N/0843007.00W." TO "734 FT MSL TREE 390445.31N/0842511.42W (439 CLIMB GRADIENT), 978 FT MSL ANTENNA 390347.84N/0842629.74W (439 CG CLIMB-TO ALTITUDE, CEILING, VISIBILITY), 901 FT MSL TREE 390344.09N/0842651.93W (254 CG CLIMB-TO ALTITUDE)" AND ADDED OBSTACLES MANDATING ODP ROUTE DEVELOPMENT 1742 FT MSL TOWER 390659.00N/0843007.00W - NEW SURVEY DATA.

16. CHANGED RWY 21R CONTROLLING OBSTACLES FROM "895 MSL TREES 390504.84N/0842628.94W. 990 MSL TOWER 390347.81N/0842629.92W. 890 TREES 390335.07N/0842618.60W. 1049 MSL AAO 390247.10N/0842645.00W. 1743 MSL TOWER 390659.00N/0843007.00W." TO "910 FT MSL TREE 390503.49N/0842627.62W (489 CLIMB GRADIENT, CLIMB-TO ALTITUDE), 885 FT MSL TREE 390359.88N/0842711.57W (226 CLIMB GRADIENT, CLIMB-TO ALTITUDE), 978 FT MSL ANTENNA 390347.84N/0842629.74W (CEILING, VISIBILITY)" AND ADDED OBSTACLES MANDATING ODP ROUTE DEVELOPMENT 1742 FT MSL TOWER 390659.00N/0843007.00W - NEW SURVEY DATA.

17. CHANGED RWY 25 CONTROLLING OBSTACLES FROM "831 MSL TREES 390555.63N/0842635.38W. 1046 MSL TANK 390545.00N/0842727.00W. 885 MSL TOWER 390438.90N/0842823.90W. 1743 MSL TOWER 390659.00N/0843007.00W" TO "911 FT MSL TREE 390437.09N/0842742.18W (CLIMB GRADIENT, CLIMB-TO ALTITUDE), 1045 FT MSL TANK 390545.00N/0842727.00W (CEILING), 912 FT MSL TREE 390447.67N/0842741.94W (VISIBILITY)" AND ADDED OBSTACLES MANDATING ODP ROUTE DEVELOPMENT 1742 FT MSL TOWER 390659.00N/0843007.00W - NEW SURVEY DATA.

18. UPDATED VCOA OBSTACLES FROM "RWY 3L, 3R, 7, 21R, 21L, 25 (VCOA): 1083 MSL TOWER 390736.00N/0842906.00W. 1749 MSL TOWER 390730.00N/0842956.00W" TO "ALL RWYS (VCOA): 1082 FT MSL TOWER 390736.00N/0842906.00W (VCA), 1742 FT MSL TOWER 390659.00N/0843007.00W (VCOA)" - NEW SURVEY DATA.

5/31/19: THIS IS A CORRECT COPY OF THE FORM APPROVED ON 5/15/19.

CHANGED ALL REFERENCE OF AIRPORT NAME FROM CINCINNATI MUNI AIRPORT-LUNKEN FIELD TO CINCINNATI MUNI AIRPORT LUNKEN FIELD.

QUALITY
3
CHECKED