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

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CITY, STATE	AIRPORT	EFFECTIVE DATE	AMDT NO
KANSAS CITY, MO	CHARLES B WHEELER DOWNTOWN	28 FEBRUARY 2019	5

TAKEOFF MINIMUMS:
RWY 3: STANDARD
RWY 1, 300 -1 7/8 OR STANDARD WITH A MINIMUM CLIMB OF 312 FT PER NM TO 1000.
RWY 19, STANDARD WITH MINIMUM CLIMB OF 465 FT PER NM TO 2500.
RWY 21, 300 1 5/8 OR STANDARD WITH MINIMUM CLIMB OF 260 FT PER NM TO 1000.

TEXTUAL DEPARTURE PROCEDURES:
RWY 1: CLIMB HEADING 011.69 TO 2000 BEFORE PROCEEDING ON COURSE.
RWY 3: CLIMB HEADING 037.43 TO 1900 BEFORE PROCEEDING ON COURSE.
RWY 19: CLIMBING RIGHT TURN HEADING 215.00 TO 2500 BEFORE PROCEEDING ON COURSE.
RWY 21: CLIMB HEADING 217.43 TO 2300 BEFORE PROCEEDING ON COURSE.

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:
NOTE: RWY 01: VEHICLE ON ROADWAY 275 FT FROM DER, 134 FT LEFT OF CENTERLINE, 767 FT MSL. POLE 3076 FT FROM DER, 1066 FT RIGHT OF CENTERLINE, 842 FT MSL. OL PIPE ON BLDG, OL ON ELEVATOR, BLDG BEGINNING 3990 FT FROM DER, 995 FT RIGHT OF CENTERLINE, UP TO 912 FT MSL. TREE 1.5 NM FROM DER, 1169 FT RIGHT OF CENTERLINE, 997 FT MSL.
NOTE: RWY 03: NAVAID LT 10 FT FROM DER, 41 FT LEFT OF CENTERLINE, UP TO 744 FT MSL. POLE, TRAIN ON TRACKS, VEHICLE ON ROADWAY, TREE BEGINNING 50 FT FROM DER, 46 FT RIGHT OF CENTERLINE, UP TO 39 FT AGL/788 FT MSL. TOWER, BLDG, ANT ON BLDG BEGINNING 145 FT FROM DER, 259 FT LEFT OF CENTERLINE, UP TO 12 FT AGL/755 FT MSL. VEHICLE ON ROADWAY, TREE BEGINNING 173 FT FROM DER, 16 FT LEFT OF CENTERLINE, UP TO 761 FT MSL. POLES, TRAIN ON TRACKS BEGINNING 285 FT FROM DER, ON CENTERLINE AND RIGHT, UP TO 49 FT AGL/794 FT MSL. VEHICLE ON ROADWAY 361 FT FROM DER, 164 FT LEFT OF CENTERLINE, 762 FT MSL. TRAINS ON TRACKS, VEHICLE ON ROADWAY BEGINNING 370 FT FROM DER, 27 FT LEFT OF CENTERLINE, UP TO 780 FT MSL. POLE, OL ON POLE, OL ON HGR, OL BLDGS, TRAINS ON TRACKS BEGINNING 596 FT FROM DER, 73 FT LEFT OF CENTERLINE, UP TO 42 FT AGL/785 FT MSL. TREE, TRAINS ON TRACKS, BLDG, POLES BEGINNING 742 FT FROM DER, 29 FT LEFT OF CENTERLINE, UP TO 797 FT MSL. TANK, TRAIN ON TRACKS, BLDG BEGINNING 780 FT FROM DER, 285 FT RIGHT OF CENTERLINE, UP TO 66 FT AGL/810 FT MSL. ELEVATOR, POLES, TRAIN ON TRACKS, TREES, BLDG, OL ON BLDG BEGINNING 827 FT FROM DER, 45 FT RIGHT OF CENTERLINE, UP TO 125 FT AGL/865 FT MSL. OL TWR 1846 FT FROM DER, 476 FT LEFT OF CENTERLINE, 107 FT AGL/848 FT MSL. TOWERS, TANK BEGINNING 1852 FT FROM DER, 98 FT LEFT OF CENTERLINE, UP TO 108 FT AGL/850 FT MSL. TOWERS BEGINNING 3825 FT FROM DER, 131 FT LEFT OF CENTERLINE, UP TO 115 FT AGL/859 FT MSL.
NOTE: RWY 19: ROD ON OL BLDG, BLDG, VEHICLE ON ROADWAY BEGINNING 182 FT FROM DER, 279 FT RIGHT OF CENTERLINE, UP TO 760 FT MSL. VEHICLE ON ROADWAY 199 FT FROM DER, 506 FT LEFT OF CENTERLINE, 760 FT MSL. VEHICLE ON ROADWAY 355 FT FROM DER, 297 FT RIGHT OF CENTERLINE, 761 FT MSL. VEHICLE ON ROADWAY 380 FT FROM DER, 177 FT RIGHT OF CENTERLINE, 762 FT MSL. BLDG, DAM, OL ON LEVEE, DRIVEWAYS BEGINNING 383 FT FROM DER, 55 FT RIGHT OF CENTERLINE, UP TO 29 FT AGL/769 FT MSL. TREE 610 FT FROM DER, 485 FT LEFT OF CENTERLINE, 808 FT MSL. TREES BEGINNING 1000 FT FROM DER, 132 FT RIGHT OF CENTERLINE, UP TO 817 FT MSL. POLE 2867 FT FROM DER, 161 FT LEFT OF CENTERLINE, 833 FT MSL. POLE 2996 FT FROM DER, 540 FT RIGHT OF CENTERLINE, 82 FT AGL/830 FT MSL. STACK 3220 FT FROM DER, 420 FT LEFT OF CENTERLINE, 168 FT AGL/908 FT MSL. BLDG, OL ON BLDG BEGINNING 3412 FT FROM DER, 74 FT RIGHT OF CENTERLINE, UP TO 141 FT AGL/889 FT MSL. FLAGPOLE ON BLDG, BLDGS, CHIMNEY BEGINNING 4382 FT FROM DER, 178 FT RIGHT OF CENTERLINE, UP TO 912 FT MSL. BLDGS, MONUMENT BEGINNING 4488 FT FROM DER, 1447 FT LEFT OF CENTERLINE, UP TO 51 FT AGL/993 FT MSL. BLDG 5596 FT FROM DER, 470 FT RIGHT OF CENTERLINE, 189 FT AGL/937 FT MSL. BLDG-TWR 1 NM FROM DER, 1702 FT LEFT OF CENTERLINE, 100 FT AGL/1016 FT MSL. LT POLE 1.5 NM FROM DER, 1294 FT LEFT OF CENTERLINE, 1017 FT MSL. TREE 1.5 NM FROM DER, 1054 FT LEFT OF CENTERLINE, 1023 FT MSL.
NOTE: RWY 21: TREE 52 FT FROM DER, 12 FT RIGHT OF CENTERLINE, 745 FT MSL. VEHICLES ON ROADWAYS, FENCE BEGINNING 196 FT FROM DER, 378 FT RIGHT OF CENTERLINE, UP TO 761 FT MSL. DAM, DRIVEWAYS, VEHICLES ON ROADWAYS, LEVEE BEGINNING 297 FT FROM DER, 2 FT RIGHT OF CENTERLINE, UP TO 1 FT AGL/762 FT MSL. VEHICLES ON ROADWAYS BEGINNING 398 FT FROM DER, 28 FT LEFT OF CENTERLINE, UP TO 761 FT MSL. DAM BEGINNING 432 FT FROM DER, 57 FT RIGHT OF CENTERLINE, UP TO 8 FT AGL/763 FT MSL. DAM, DRIVEWAYS BEGINNING 526 FT FROM DER, 53 FT LEFT OF CENTERLINE, UP TO 1 FT AGL/762 FT MSL. TREE 964 FT FROM DER, 538 FT LEFT OF CENTERLINE, 781 FT MSL. TREES BEGINNING 1066 FT FROM DER, 591 FT LEFT OF CENTERLINE, UP TO 792 FT MSL. TREES BEGINNING 1486 FT FROM DER, 571 FT RIGHT OF CENTERLINE, UP TO 831 FT MSL. TREE 1508 FT FROM DER, 622 FT LEFT OF CENTERLINE, 798 FT MSL. TREES BEGINNING 1510 FT FROM DER, 20 FT LEFT OF CENTERLINE, UP TO 809 FT MSL. TREE 1619 FT FROM DER, 713 FT RIGHT OF CENTERLINE, 93 FT AGL/836 FT MSL. TREES BEGINNING 1642 FT FROM DER, 264 FT RIGHT OF CENTERLINE, UP TO 98 FT AGL/841 FT MSL. CRANES, OL ON DOME BEGINNING 2729 FT FROM DER, 348 FT RIGHT OF CENTERLINE, UP TO 98 FT AGL/849 FT MSL. POLE 3686 FT FROM DER, 632 FT RIGHT OF CENTERLINE, 118 FT AGL/858 FT MSL. CHIMNEY 4690 FT FROM DER, 1700 FT LEFT OF CENTERLINE, 866 FT MSL. BLDG 4796 FT FROM DER, 1715 FT LEFT OF CENTERLINE, 869 FT MSL. BLDG 4796 FT FROM DER, 1715 FT LEFT OF CENTERLINE, 152 FT AGL/898 FT MSL. ELEVATOR 5177 FT FROM DER, 810 FT LEFT OF CENTERLINE, 901 FT MSL. ELEVATOR 1 NM FROM DER, 1047 FT LEFT OF CENTERLINE, 164 FT AGL/911 FT MSL. STACK 1.3 NM FROM DER, 588 FT LEFT OF CENTERLINE, 198 FT AGL/948 FT MSL.

CONTROLLING OBSTACLES:
RWY 1: 912 FT MSL OL ON ELEVATOR 390834.42N/0943457.39W (CLIMB GRADIENT, CLIMB GRADIENT TERMINATION ALTITUDE), 997 FT MSL TREE 390928.62N/0943443.00W (CEILING, VISIBILITY).
RWY 19: 993 FT MSL BLDG 390608.81N/0943535.24W
RWY 21: 898 FT MSL BLDG 390610.08N/0943615.21W (CLIMB GRADIENT, CLIMB GRADIENT TERMINATION ALTITUDE), 948 FT MSL STACK 390552.00N/0943546.00W (CEILING, VISIBILITY).
OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 1, 2, 19, 21, 2049 FT MSL TOWER 390421.00N/0943546.00W

QUALITY 4 CHECKED

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REMARKS:

FLIGHT INSPECTED BY: GARY BELL — *Digitally signed by* ***DONALD H LANIER*** Nov 16, 2018 — **OFFICE SYMBOL:** FIOG — **DATE:** 11/8/2018

DEVELOPED BY: NICHOLAS K. JACKSON — *Digitally signed by* ***NICHOLAS JACKSON*** Nov 14, 2018 — **OFFICE SYMBOL:** AJV-5431 — **DATE:** 10/22/2018

APPROVED BY: PATRICK MULQUEEN — *Digitally signed by* ***DONALD H LANIER*** Nov 16, 2018 — **OFFICE SYMBOL:** AJV-5430 — **DATE:**

REQUIRED EFFECTIVE DATE:
ROUTINE

COORDINATED WITH:

A4A	ALPA	AOPA	APA	HAI	NBAA
☒	☒	☒	☒	☐	☒

OTHER:
ZKC, MCI APP CON, MCI ATCT, MO. ST. AERO, ARPT MGR.

CHANGES - REASONS:
1. CHANGED KMKC RWY 21 CEILING FROM 200 FT TO 300 FT. - 200 FT CEILING NO LONGER ALLOWED IAW 8260.3D CHAP 14 PARA 14-1-5A.

11/14/2018: THIS IS AN UPDATED COPY OF THE FORM APPROVED ON 10/26/2018.
1. UPDATED AIRPORT NAME TO CHARLES B WHEELER DOWNTOWN.

QUALITY 4 CHECKED