

**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>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>	<u>AMDT NO</u>	<u>ACTUAL EFFECTIVE DATE</u>
KMKC	KANSAS CITY	MO	5A	5 OCTOBER 2023

TAKEOFF MINIMUMS:

RWY 4: STANDARD.
RWY 1: 300-1 7/8 OR STANDARD WITH MINIMUM CLIMB OF 201 FT/NM TO 1000.
RWY 19: STANDARD WITH MINIMUM CLIMB OF 465 FT/NM TO 2500.
RWY 22: 300-1 5/8 OR STANDARD WITH MINIMUM CLIMB OF 260 FT/NM TO 1000.

TEXTUAL DEPARTURE PROCEDURES:

RWY 1: CLIMB ON HEADING 011.69 TO 1700 BEFORE PROCEEDING ON COURSE.
RWY 4: CLIMB ON HEADING 037.43 TO 1900 BEFORE PROCEEDING ON COURSE.
RWY 19: CLIMBING RIGHT TURN HEADING 215.00 TO 2500 BEFORE PROCEEDING ON COURSE.
RWY 22: CLIMB ON HEADING 217.43 TO 2300 BEFORE PROCEEDING ON COURSE.

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 01: TRAVERSE WAY 275 FT FROM DER, 134 FT LEFT OF CENTERLINE, 767 FT MSL. POLE 3076 FT FROM DER, 1066 FT RIGHT OF CENTERLINE, 95 FT AGL/842 FT MSL. BUILDING 4048 FT FROM DER, 995 FT RIGHT OF CENTERLINE, 875 FT MSL. TREE 1.5 NM FROM DER, 1169 FT RIGHT OF CENTERLINE, 997 FT MSL.

NOTE: RWY 04: NAVAID 10 FT FROM DER, 41 FT LEFT OF CENTERLINE, 1 FT AGL/744 FT MSL. POLES, TRAVERSE WAY, TREE BEGINNING 50 FT FROM DER, 46 FT RIGHT OF CENTERLINE, UP TO 39 FT AGL/788 FT MSL. TOWER, BUILDING BEGINNING 145 FT FROM DER, 259 FT LEFT OF CENTERLINE, UP TO 12 FT AGL/755 FT MSL. TRAVERSE WAY, TREE BEGINNING 172 FT FROM DER, 16 FT LEFT OF CENTERLINE, UP TO 761 FT MSL. POLES, TRAVERSE WAY BEGINNING 285 FT FROM DER, 16 FT RIGHT OF CENTERLINE, UP TO 49 FT AGL/794 FT MSL. TRAVERSE WAY BEGINNING 340 FT FROM DER, ON AND LEFT OF CENTERLINE, UP TO 782 FT MSL. POLE, BUILDINGS, TRAVERSE WAY BEGINNING 596 FT FROM DER, 73 FT LEFT OF CENTERLINE, UP TO 42 FT AGL/785 FT MSL. TREE, TRAVERSE WAY, BUILDING, POLES BEGINNING 742 FT FROM DER, 29 FT LEFT OF CENTERLINE, UP TO 797 FT MSL. TANK, TRAVERSE WAY, BUILDING BEGINNING 780 FT FROM DER, 285 FT RIGHT OF CENTERLINE, UP TO 66 FT AGL/810 FT MSL. ELEVATOR, POLES, TRAVERSE WAY, TREES, BUILDINGS BEGINNING 827 FT FROM DER, 45 FT RIGHT OF CENTERLINE, UP TO 125 FT AGL/865 FT MSL. TOWERS, TANK BEGINNING 1852 FT FROM DER, 98 FT LEFT OF CENTERLINE, UP TO 108 FT AGL/850 FT MSL. TOWER BEGINNING 3825 FT FROM DER, 131 FT LEFT OF CENTERLINE, UP TO 115 FT AGL/859 FT MSL. BUILDING 5135 FT FROM DER, 924 FT LEFT OF CENTERLINE, 130 FT AGL/874 FT MSL.

NOTE: RWY 19: BUILDING 190 FT FROM DER, 281 FT RIGHT OF CENTERLINE, 15 FT AGL/758 FT MSL. TRAVERSE WAY 199 FT FROM DER, 506 FT LEFT OF CENTERLINE, 760 FT MSL. TRAVERSE WAY 323 FT FROM DER, 460 FT RIGHT OF CENTERLINE, 760 FT MSL. TRAVERSE WAY 355 FT FROM DER, 297 FT RIGHT OF CENTERLINE, 761 FT MSL. TRAVERSE WAY 380 FT FROM DER, 177 FT RIGHT OF CENTERLINE, 762 FT MSL. BUILDING, DAM, TRAVERSE WAY 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, 84 FT AGL/833 FT MSL. POLE 2996 FT FROM DER, 540 FT RIGHT OF CENTERLINE, 82 FT AGL/830 FT MSL. SMOKESTACK 3211 FT FROM DER, 420 FT LEFT OF CENTERLINE, 168 FT AGL/908 FT MSL. BUILDING BEGINNING 3412 FT FROM DER, 74 FT RIGHT OF CENTERLINE, UP TO 141 FT AGL/889 FT MSL. BUILDING, MONUMENT BEGINNING 4211 FT FROM DER, 1447 FT LEFT OF CENTERLINE, UP TO 51 FT AGL/993 FT MSL. BUILDING BEGINNING 4372 FT FROM DER, 178 FT RIGHT OF CENTERLINE, UP TO 162 FT AGL/912 FT MSL. BUILDING 5586 FT FROM DER, 470 FT RIGHT OF CENTERLINE, 189 FT AGL/937 FT MSL. BLDGTWR, BUILDING BEGINNING 6034 FT FROM DER, 1702 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1016 FT MSL. POLE 1.5 NM FROM DER, 1294 FT LEFT OF CENTERLINE, 74 FT AGL/1017 FT MSL. TREE 1.5 NM FROM DER, 1054 FT LEFT OF CENTERLINE, 1023 FT MSL. BUILDING 2.4 NM FROM DER, 3878 FT LEFT OF CENTERLINE, 291 FT AGL/1251 FT MSL. TOWER 2.4 NM FROM DER, 3136 FT LEFT OF CENTERLINE, 1160 FT AGL/2049 FT MSL.

NOTE: RWY 22: TREE 52 FT FROM DER, 12 FT RIGHT OF CENTERLINE, 745 FT MSL. TRAVERSE WAY, FENCE BEGINNING 196 FT FROM DER, 379 FT RIGHT OF CENTERLINE, UP TO 761 FT MSL. DAM, TRAVERSE WAY BEGINNING 297 FT FROM DER, 2 FT RIGHT OF CENTERLINE, UP TO 1 FT AGL/762 FT MSL. TRAVERSE WAY 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, TRAVERSE WAY 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. TREES BEGINNING 1510 FT FROM DER, 19 FT LEFT OF CENTERLINE, UP TO 809 FT MSL. TREES BEGINNING 1619 FT FROM DER, 264 FT RIGHT OF CENTERLINE, UP TO 93 FT AGL/836 FT MSL. CRANES, DOMES BEGINNING 2729 FT FROM DER, 349 FT RIGHT OF CENTERLINE, UP TO 98 FT AGL/849 FT MSL. POLES BEGINNING 3686 FT FROM DER, 632 FT RIGHT OF CENTERLINE, UP TO 118 FT AGL/858 FT MSL. BUILDING 4690 FT FROM DER, 1700 FT LEFT OF CENTERLINE, 120 FT AGL/866 FT MSL. BUILDINGS 4796 FT FROM DER, 1714 FT LEFT OF CENTERLINE, 869 FT MSL, UP TO 152 FT AGL/898 FT MSL. ELEVATOR 5178 FT FROM DER, 810 FT LEFT OF CENTERLINE, 152 FT AGL/901 FT MSL. INDUSTRIAL SYSTEM 1 NM FROM DER, 1047 FT LEFT OF CENTERLINE, 164 FT AGL/911 FT MSL. SMOKESTACK 1.3 NM FROM DER, 587 FT LEFT OF CENTERLINE, 198 FT AGL/948 FT MSL.

CONTROLLING OBSTACLES:

RWY 1: 997 FT MSL TREE 390928.62N/0943443.00W (CLIMB GRADIENT) (CLIMB-TO ALTITUDE) (CEILING) (VISIBILITY).
RWY 19: 993 FT MSL BUILDING 390608.81N/0943535.24W.
RWY 22: 948 FT MSL STACK 390552.00N/0943653.00W (CEILING) (VISIBILITY), 898 FT MSL BUILDING 390610.99N/0943615.42W (CLIMB GRADIENT) (CLIMB-TO ALTITUDE).

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OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 1, 4, 19, 22: 2049 FT MSL TOWER 390421.18N/0943546.31W.

REMARKS:

ABBREVIATED AMENDMENT.

Digitally signed by

DAVID TEFFETELLER

May 26, 2023

FLIGHT INSPECTED BY

OFFICE

DATE

Processed IAW Technical Support Group (AJF-17) Memo dated, Subject: Guidance for Procedural Changes Requiring Flight Inspection/Validation

DEVELOPED BY

Digitally signed by

DAVID TEFFETELLER

May 26, 2023

OFFICE

AJV-A433

DATE

03/22/2023

GUY COPELAND

Digitally signed by

DAVID TEFFETELLER

May 26, 2023

OFFICE

AJV-A430

DATE

TITLE

MANAGER

APPROVED BY

JOHNNIE BAKER III

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 ALL REFERENCES OF KMKC RWY 3/21 TO 4/22 - MAGVAR CHANGE OCCURED IN 2020, DUE TO CONSTRUCTION THE RWY NUMBER CHANGE WAS DELAYED.
2. CHANGED RWY 1 TEXTUAL DEPARTURE PROCEDURES FROM "RWY 1: CLIMB HEADING 011.69 TO 2000 BEFORE PROCEEDING ON COURSE." TO "RWY 1: CLIMB ON HEADING 011.69 TO 1700 BEFORE PROCEEDING ON COURSE." - 912 FT ELEVATOR (GRAIN SILO) HAS BEEN TORN DOWN AND REMOVED FROM THE DATABASE.
3. CHANGED TAKEOFF MINIMUMS FOR CHARLES B WHEELER DOWNTOWN FROM "RWY 1, 300-1 7/8 OR STANDARD WITH MINIMUM CLIMB OF 312 FT PER NM TO 1000." TO "RWY 1, 300-1 7/8 OR STANDARD WITH MINIMUM CLIMB OF 201 FT PER NM TO 1000." - 912 FT ELEVATOR (GRAIN SILO) HAS BEEN TORN DOWN AND REMOVED FROM THE DATABASE.
4. CONTROLLING OBSTACLES - REMOVED 912 FT MSL OL ON ELEVATOR 390834.42N/0943457.39W FROM CHARLES B WHEELER DOWNTOWN RWY 1 - 912 FT ELEVATOR (GRAIN SILO) HAS BEEN TORN DOWN AND REMOVED FROM THE DATABASE.
5. UPDATED ALL RWY TAKEOFF OBSTACLE NOTES.