

**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>
KMGK	MICHIGAN CITY	IN	2A	7 SEPTEMBER 2023

TAKEOFF MINIMUMS:

RWY 2, 20: STANDARD.

TEXTUAL DEPARTURE PROCEDURES:

RWY 20: CLIMB ON HEADING 203.32 TO 1200 BEFORE TURNING LEFT.

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 2: POLE 12 FT FROM DER, 427 FT LEFT OF CENTERLINE, 28 FT AGL/659 FT MSL.
TREE 12 FT FROM DER, 493 FT LEFT OF CENTERLINE, 674 FT MSL.
TERRAIN 13 FT FROM DER, 172 FT RIGHT OF CENTERLINE, 643 FT MSL.
TREE 51 FT FROM DER, 349 FT LEFT OF CENTERLINE, 685 FT MSL.
TREE 65 FT FROM DER, 443 FT LEFT OF CENTERLINE, 691 FT MSL.
TERRAIN 129 FT FROM DER, 497 FT RIGHT OF CENTERLINE, 649 FT MSL.
TREES BEGINNING 198 FT FROM DER, 337 FT LEFT OF CENTERLINE, UP TO 710 FT MSL.
TRAVERSE WAY 303 FT FROM DER, 568 FT RIGHT OF CENTERLINE, 667 FT MSL.
POLE, TREE BEGINNING 344 FT FROM DER, 213 FT RIGHT OF CENTERLINE, UP TO 37 FT AGL/687 FT MSL.
TREES BEGINNING 468 FT FROM DER, 231 FT LEFT OF CENTERLINE, UP TO 712 FT MSL.
TREE 615 FT FROM DER, 380 FT RIGHT OF CENTERLINE, 711 FT MSL.
TREES, ANTENNA BEGINNING 641 FT FROM DER, 46 FT RIGHT OF CENTERLINE, UP TO 731 FT MSL.
TREES BEGINNING 949 FT FROM DER, 67 FT LEFT OF CENTERLINE, UP TO 716 FT MSL.
TREES BEGINNING 1091 FT FROM DER, 347 FT LEFT OF CENTERLINE, UP TO 723 FT MSL.
TREES, ANTENNA BEGINNING 1250 FT FROM DER, 2 FT RIGHT OF CENTERLINE, UP TO 733 FT MSL.
TREES BEGINNING 1553 FT FROM DER, 89 FT LEFT OF CENTERLINE, UP TO 726 FT MSL.
TREES BEGINNING 1657 FT FROM DER, 6 FT LEFT OF CENTERLINE, UP TO 731 FT MSL.
TREES BEGINNING 1709 FT FROM DER, ON CENTERLINE, UP TO 734 FT MSL.
ANTENNA, TREES BEGINNING 1778 FT FROM DER, ON CENTERLINE, UP TO 101 FT AGL/742 FT MSL.
TREE 1796 FT FROM DER, 655 FT RIGHT OF CENTERLINE, 745 FT MSL.
TREES BEGINNING 1815 FT FROM DER, 134 FT RIGHT OF CENTERLINE, UP TO 748 FT MSL.
TREES BEGINNING 2006 FT FROM DER, 166 FT RIGHT OF CENTERLINE, UP TO 753 FT MSL.
TREES BEGINNING 2025 FT FROM DER, 94 FT RIGHT OF CENTERLINE, UP TO 754 FT MSL.
TREES BEGINNING 2123 FT FROM DER, 301 FT RIGHT OF CENTERLINE, UP TO 758 FT MSL.
TREE 2160 FT FROM DER, 199 FT LEFT OF CENTERLINE, 743 FT MSL.
TREES BEGINNING 2181 FT FROM DER, 108 FT LEFT OF CENTERLINE, UP TO 744 FT MSL.
TREES BEGINNING 2244 FT FROM DER, 87 FT LEFT OF CENTERLINE, UP TO 746 FT MSL.
TREES BEGINNING 2251 FT FROM DER, 93 FT RIGHT OF CENTERLINE, UP TO 760 FT MSL.
TREES, ELECTRICAL SYSTEM, TRANSMISSION LINE BEGINNING 2300 FT FROM DER, 11 FT RIGHT OF CENTERLINE, UP TO 765 FT MSL.
TREES BEGINNING 2527 FT FROM DER, 22 FT LEFT OF CENTERLINE, UP TO 751 FT MSL.
TRANSMISSION LINE, TREES BEGINNING 3193 FT FROM DER, 182 FT LEFT OF CENTERLINE, UP TO 136 FT AGL/778 FT MSL.
TRANSMISSION LINE 4247 FT FROM DER, 989 FT RIGHT OF CENTERLINE, 121 FT AGL/769 FT MSL.

NOTE: RWY 20: TREES, FENCES, SIGN, TRAVERSE WAYS, POLE BEGINNING 7 FT FROM DER, 27 FT RIGHT OF CENTERLINE, UP TO 727 FT MSL.
TERRAIN 20 FT FROM DER, 393 FT LEFT OF CENTERLINE, 658 FT MSL.
TERRAIN 191 FT FROM DER, 489 FT LEFT OF CENTERLINE, 663 FT MSL.
FENCES BEGINNING 206 FT FROM DER, 140 FT LEFT OF CENTERLINE, UP TO 12 FT AGL/671 FT MSL.
POLE, FENCE, TRAVERSE WAYS BEGINNING 213 FT FROM DER, 45 FT LEFT OF CENTERLINE, UP TO 25 FT AGL/687 FT MSL.
TREE, SIGN BEGINNING 328 FT FROM DER, 39 FT LEFT OF CENTERLINE, UP TO 707 FT MSL.
TREE 1564 FT FROM DER, 582 FT RIGHT OF CENTERLINE, 729 FT MSL.
TREES BEGINNING 1641 FT FROM DER, 199 FT RIGHT OF CENTERLINE, UP TO 749 FT MSL.
TREES BEGINNING 1699 FT FROM DER, 8 FT LEFT OF CENTERLINE, UP TO 741 FT MSL.
TREES BEGINNING 1732 FT FROM DER, 341 FT RIGHT OF CENTERLINE, UP TO 762 FT MSL.
TREES BEGINNING 1752 FT FROM DER, 23 FT RIGHT OF CENTERLINE, UP TO 763 FT MSL.
TREES BEGINNING 1847 FT FROM DER, 109 FT LEFT OF CENTERLINE, UP TO 764 FT MSL.
TREES BEGINNING 2054 FT FROM DER, 11 FT RIGHT OF CENTERLINE, UP TO 764 FT MSL.
TREES BEGINNING 2085 FT FROM DER, 43 FT LEFT OF CENTERLINE, UP TO 766 FT MSL.
TREES BEGINNING 2286 FT FROM DER, 59 FT LEFT OF CENTERLINE, UP TO 769 FT MSL.
TREES BEGINNING 2359 FT FROM DER, 27 FT LEFT OF CENTERLINE, UP TO 770 FT MSL.
TREES BEGINNING 2473 FT FROM DER, 1 FT RIGHT OF CENTERLINE, UP TO 768 FT MSL.

CONTROLLING OBSTACLES:

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 20: 1190 FT MSL TOWER 414009.00N/0864816.00W.

REMARKS:



<u>AIRPORT ID</u> KMGC	<u>CITY</u> MICHIGAN CITY	<u>STATE</u> IN	<u>AMDT NO</u> 2A	<u>ACTUAL EFFECTIVE DATE</u> 7 SEPTEMBER 2023
---------------------------	------------------------------	--------------------	----------------------	--

<u>FLIGHT INSPECTED BY</u> PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021, SUBJECT: GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION	<u>OFFICE</u>	<u>DATE</u> <i>Digitally signed by</i> RAKE MCGRAW Jul 13, 2023
--	----------------------	---

<u>DEVELOPED BY</u> NEERAJ VERMA	<i>Digitally signed by</i> RAKE MCGRAW Jul 13, 2023	<u>OFFICE</u> AJV-A422	<u>DATE</u> 07/03/2023
--	--	----------------------------------	----------------------------------

<u>APPROVED BY</u> RAKE MCGRAW	<i>Digitally signed by</i> RAKE MCGRAW Jul 13, 2023	<u>OFFICE</u> AJV-A422	<u>DATE</u> 07/03/2023	<u>TITLE</u> MANAGER
--	--	----------------------------------	----------------------------------	--------------------------------

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

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

OTHER: ZAU, SBN APP CON, AMGR

CHANGES - REASONS:

1. TEXTUAL DEPARTURE RWY 20 CHANGED COURSE FROM 203.33 TO 203.32 - PER CURRENT EVALUATION.
2. TAKEOFF OBSTACLE NOTES UPDATED FOR RWY 2 AND RWY 20 - PER CURRENT EVALUATION, IAW 8260.46J APPENDIX D. 2.H., AND IFP GROUP DEPARTURE OBSTACLES GROUPER (1.0) SOP DATED 03-31-2016.
3. UPDATED CONTROLLING OBSTACLES/OBSTACLES MANDATING ODP ROUTE DEVELOPMENT FOR RWY 20 - PER CURRENT EVALUATION AND IAW 8260.46J APPENDIX D. 2.I.

