

**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</u>	<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>	<u>AMDT NO</u>	<u>ACTUAL EFFECTIVE DATE</u>
SOUTHWEST MICHIGAN RGNL	KBEH	BENTON HARBOR	MI	7A	7 OCTOBER 2021

TAKEOFF MINIMUMS:

RWY 10, 14: STANDARD.
RWY 28: 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 205 FT PER NM TO 900.
RWY 32: 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 283 FT PER NM TO 900.

TEXTUAL DEPARTURE PROCEDURES:

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 10: TREE 1456 FT FROM DER, 844 FT LEFT OF CENTERLINE, 704 FT MSL. TREE 1819 FT FROM DER, 791 FT RIGHT OF CENTERLINE, 697 FT MSL. TREES BEGINNING 2023 FT FROM DER, 882 FT LEFT OF CENTERLINE, UP TO 720 FT MSL. TREE 2539 FT FROM DER, 1003 FT LEFT OF CENTERLINE, 731 FT MSL. TREES BEGINNING 2983 FT FROM DER, 975 FT LEFT OF CENTERLINE, UP TO 734 FT MSL. TREE 3363 FT FROM DER, 295 FT LEFT OF CENTERLINE, 738 FT MSL. TREE 3686 FT FROM DER, 259 FT LEFT OF CENTERLINE, 747 FT MSL. TREE, TRANSMISSION LINE BEGINNING 3860 FT FROM DER, 232 FT LEFT OF CENTERLINE, UP TO 762 FT MSL.

NOTE: RWY 14: LIGHTING 9 FT FROM DER, 71 FT LEFT AND 69 FT RIGHT OF CENTERLINE, UP TO 3 FT AGL/632 FT MSL. TREE, POLE, TRANSMISSION LINE BEGINNING 978 FT FROM DER, 192 FT RIGHT OF CENTERLINE, UP TO 695 FT MSL. TREE 1185 FT FROM DER, 54 FT LEFT OF CENTERLINE, 662 FT MSL. CATENARY 1317 FT FROM DER, 233 FT LEFT OF CENTERLINE, 30 FT AGL/670 FT MSL. TREE, POLE, TRANSMISSION LINE BEGINNING 1347 FT FROM DER, 123 FT LEFT OF CENTERLINE, UP TO 695 FT MSL. TREE, CATENARY, POLE, TRANSMISSION LINE BEGINNING 1400 FT FROM DER, 114 FT RIGHT OF CENTERLINE, UP TO 699 FT MSL. TREE 1451 FT FROM DER, 375 FT LEFT OF CENTERLINE, 700 FT MSL. TREE, TOWER BEGINNING 1497 FT FROM DER, 8 FT LEFT OF CENTERLINE, UP TO 717 FT MSL. TREES BEGINNING 1622 FT FROM DER, 23 FT RIGHT OF CENTERLINE, UP TO 708 FT MSL. TREES BEGINNING 2035 FT FROM DER, 98 FT RIGHT OF CENTERLINE, UP TO 713 FT MSL. TREES BEGINNING 2228 FT FROM DER, 51 FT RIGHT OF CENTERLINE, UP TO 719 FT MSL. TREES BEGINNING 2449 FT FROM DER, 21 FT RIGHT OF CENTERLINE, UP TO 730 FT MSL. TREES BEGINNING 2637 FT FROM DER, 120 FT LEFT OF CENTERLINE, UP TO 732 FT MSL. TREES BEGINNING 2736 FT FROM DER, 61 FT LEFT OF CENTERLINE, UP TO 740 FT MSL. TREES BEGINNING 2955 FT FROM DER, 69 FT LEFT OF CENTERLINE, UP TO 744 FT MSL. TREES BEGINNING 3257 FT FROM DER, 35 FT LEFT OF CENTERLINE, UP TO 748 FT MSL.

NOTE: RWY 28: TREE 582 FT FROM DER, 589 FT RIGHT OF CENTERLINE, 645 FT MSL. TREE 882 FT FROM DER, 595 FT RIGHT OF CENTERLINE, 654 FT MSL. TREE 907 FT FROM DER, 629 FT RIGHT OF CENTERLINE, 662 FT MSL. VERTICAL STRUCTURE 955 FT FROM DER, 312 FT LEFT OF CENTERLINE, 662 FT MSL. TREES BEGINNING 1149 FT FROM DER, 635 FT LEFT OF CENTERLINE, UP TO 698 FT MSL. TREES BEGINNING 2230 FT FROM DER, 997 FT LEFT OF CENTERLINE, UP TO 702 FT MSL.

NOTE: RWY 32: TREES BEGINNING 9 FT FROM DER, 348 FT LEFT OF CENTERLINE, UP TO 655 FT MSL. TREES BEGINNING 36 FT FROM DER, 54 FT RIGHT OF CENTERLINE, UP TO 671 FT MSL. TREES BEGINNING 108 FT FROM DER, 232 FT LEFT OF CENTERLINE, UP TO 662 FT MSL. TREE 790 FT FROM DER, 390 FT LEFT OF CENTERLINE, 665 FT MSL. TREES BEGINNING 840 FT FROM DER, 380 FT LEFT OF CENTERLINE, UP TO 669 FT MSL. TREES BEGINNING 1054 FT FROM DER, 106 FT RIGHT OF CENTERLINE, UP TO 674 FT MSL. TREE 1262 FT FROM DER, 389 FT RIGHT OF CENTERLINE, 679 FT MSL. TREES BEGINNING 1265 FT FROM DER, 253 FT RIGHT OF CENTERLINE, UP TO 685 FT MSL. TREE 1307 FT FROM DER, 163 FT LEFT OF CENTERLINE, 673 FT MSL. TREES BEGINNING 1413 FT FROM DER, 424 FT LEFT OF CENTERLINE, UP TO 685 FT MSL. TREE 2094 FT FROM DER, 520 FT RIGHT OF CENTERLINE, 690 FT MSL. TRANSMISSION LINE 2368 FT FROM DER, 107 FT LEFT OF CENTERLINE, 64 FT AGL/703 FT MSL. TRANSMISSION LINE 2425 FT FROM DER, 389 FT RIGHT OF CENTERLINE, 74 FT AGL/694 FT MSL. TREE 2513 FT FROM DER, 756 FT LEFT OF CENTERLINE, 720 FT MSL. TREES BEGINNING 2652 FT FROM DER, 604 FT LEFT OF CENTERLINE, UP TO 723 FT MSL. TREES BEGINNING 3083 FT FROM DER, 62 FT RIGHT OF CENTERLINE, UP TO 746 FT MSL.

CONTROLLING OBSTACLES:

RWY 28: 780 FT MSL TOWER (26-001265) 420801.00N/0862721.00W.
RWY 32: 792 FT MSL TREE (26-128255) 420845.13N/0862654.97W (VISIBILITY), 809 FT MSL TREE 420838.37N/0862650.95W (CEILING, CG, CGTA).

REMARKS:

FLIGHT INSPECTED BY

JEFFREY W HARING

Digitally signed by

JASON KRETSCHMER

Aug 04, 2021

OFFICE

FICO

DATE

07/29/2021



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SOUTHWEST MICHIGAN RGNL	KBEH	BENTON HARBOR	MI	7A	7 OCTOBER 2021

DEVELOPED BY
JASON KRETSCHMER
(COLIN CAMPBELL)

Digitally signed by
JASON KRETSCHMER
Jul 15, 2021

OFFICE **DATE**
AJV-A421 04/21/2021

APPROVED BY
MARLON ROBINSON

Digitally signed by
JASON KRETSCHMER
Jul 15, 2021

OFFICE **DATE** **TITLE**
AJV-A420 MANAGER

REQUIRED EFFECTIVE DATE:
ROUTINE

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA **OTHER:** ZAU, SBN APP CON, AMGR

CHANGES - REASONS:

1. REMOVED ALL REFERENCE TO RWY 18/36 - RWY NO LONGER ACTIVE ACCORDING TO AIRNAV DATA.
2. TAKEOFF MINIMUMS FOR RWY 28 CHANGED FROM "STANDARD" TO "300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 205 FT PER NM TO 900" - NEW CONTROLLING OBSTACLE.
3. TAKEOFF MINIMUMS FOR RWY 32 CHANGED FROM "200-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 283 FT PER NM TO 900" TO "300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 283 FT PER NM TO 900" - CEILING UPDATED IAW 8260.3D 14-1-5.A.
4. ADDED CONTROLLING OBSTACLE FOR RWY 28 - UPDATED OBSTACLE EVALUATION.
5. UPDATED CONTROLLING OBSTACLE FOR RWY 32 FROM "819 FT MSL TREE 420838.40N/0862650.10W" TO "792 FT MSL TREE (26-128255) 420845.13N/0862654.97W (VISIBILITY), 809 FT MSL TREE 420838.37N/0862650.95W (CEILING, CG, CGTA)" - UPDATED OBSTACLE EVALUATION.
6. UPDATED TAKEOFF OBSTACLE NOTES - UPDATED OBSTACLE EVALUATION, DEPARTURE OBSTACLE GROUPER.

