

**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>
KHZE	HAZEN	ND	1	20 APRIL 2023

**TAKEOFF MINIMUMS:**

RWY 15: 300-1 5/8 OR STANDARD WITH A MINIMUM CLIMB OF 296 FT PER NM TO 2100 OR 1000-3 FOR CLIMB IN VISUAL CONDITIONS.

RWY 33: STANDARD WITH A MINIMUM CLIMB OF 215 FT PER NM TO 2700 OR 1000-3 FOR CLIMB IN VISUAL CONDITIONS.

**TEXTUAL DEPARTURE PROCEDURES:**

**VISUAL CLIMB OVER AIRPORT:**

ALL RUNWAYS, OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE, CLIMB IN VISUAL CONDITIONS TO CROSS MERCER COUNTY RGNL AIRPORT AT OR ABOVE 2600 BEFORE PROCEEDING ON COURSE.

**TAKEOFF OBSTACLE NOTES:**

NOTE: RWY 15: FENCE 195 FT FROM DER, 301 FT LEFT OF CENTERLINE, 7 FT AGL/1826 FT MSL.  
FENCE, TERRAIN BEGINNING 341 FT FROM DER, 288 FT LEFT OF CENTERLINE, UP TO 2 FT AGL/1830 FT MSL.  
FENCE, TERRAIN BEGINNING 603 FT FROM DER, 299 FT LEFT OF CENTERLINE, UP TO 2 FT AGL/1837 FT MSL.  
FENCE, TERRAIN BEGINNING 749 FT FROM DER, 270 FT LEFT OF CENTERLINE, UP TO 6 FT AGL/1841 FT MSL.  
FENCE BEGINNING 949 FT FROM DER, 108 FT LEFT OF CENTERLINE, UP TO 9 FT AGL/1843 FT MSL.  
TREE 4183 FT FROM DER, 1609 FT RIGHT OF CENTERLINE, 1969 FT MSL.  
TREE 4465 FT FROM DER, 1668 FT LEFT OF CENTERLINE, 1979 FT MSL.  
TREE 4549 FT FROM DER, 1712 FT RIGHT OF CENTERLINE, 1979 FT MSL.  
TREE 4954 FT FROM DER, 1787 FT RIGHT OF CENTERLINE, 1989 FT MSL.  
TREE 5267 FT FROM DER, 1866 FT RIGHT OF CENTERLINE, 1999 FT MSL.  
TREE 1.1 NM FROM DER, 2278 FT RIGHT OF CENTERLINE, 2009 FT MSL.  
TREE 1.3 NM FROM DER, 2569 FT RIGHT OF CENTERLINE, 2019 FT MSL.

NOTE: RWY 33: FENCE 6 FT FROM DER, 298 FT LEFT OF CENTERLINE, 5 FT AGL/1790 FT MSL.  
TREES BEGINNING 1292 FT FROM DER, 520 FT RIGHT OF CENTERLINE, UP TO 1833 FT MSL.

**CONTROLLING OBSTACLES:**

RWY 15: 1969 FT MSL TREE 471617.85N/1013427.92W (CLIMB GRADIENT), 1979 FT MSL TREE 471630.18N/1013343.79W (CLIMB-TO ALTITUDE), 2019 FT MSL TREE 471540.54N/1013415.37W (CEILING/VISIBILITY)  
RWY 33: 2441 FT MSL TOWER 472120.00N/1013758.00W

VISUAL CLIMB AREA OBSTACLE: 2317 FT MSL AAO 471424.00N/1013139.00W

OBSTACLE OUTSIDE VISUAL CLIMB AREA MANDATING VCOA CLIMB TO ALTITUDE: 2441 FT MSL TOWER 472120.00N/1013758.00W

**REMARKS:**

100 FOOT VEGETATION USED

**FLIGHT INSPECTED BY**

MICHAEL A GREENWOOD

*Digitally signed by*

**ERIC N SUSKI**

Feb 06, 2023

**OFFICE**

FPO

**DATE**

02/02/2023

**DEVELOPED BY**

TARA N. MARTINELLI

*Digitally signed by*

**TARA N MARTINELLI**

Nov 02, 2022

**OFFICE**

AJV-A431

**DATE**

11/2/2022

**APPROVED BY**

JONNIE BAKER

*Digitally signed by*

**ERIC N SUSKI**

Feb 06, 2023

**OFFICE**

AJV-A430

**DATE**

**TITLE**

MANAGER

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**COORDINATED WITH:**

A4A  ALPA  AOPA  APA  HAI  NBAA  OTHER: ZMP, AMGR

**CHANGES - REASONS:**

- RUNWAYS CHANGED FROM RWY14/32 TO RWY 15/33 - RUNWAY RENUMBERING AND MAGVAR CHANGED PER PENDING AIRNAV DATA
- TAKEOFF MINIMUMS: RWY 15 CHANGED FROM STANDARD TO 300 - 1 5/8 OR STANDARD WITH A MINIMUM CLIMB OF 300 FT PER NM TO 2100 OR 1000-3 FOR CLIMB IN VISUAL CONDITIONS - NEW CONTROLLING OBSTACLE/NEW OBSTACLE EVALUATION AND VCOA MINIMUMS ADDED PER 8260.46J, APPENDIX D, SECTION 1, PARA E(3)(C)(2).
- TAKEOFF MINIMUMS: RWY 33 CHANGED FROM STANDARD WITH A MINIMUM CLIMB OF 215 FT PER NM TO 2700 OR 900-3 FOR CLIMB IN VISUAL



CONDITIONS TO STANDARD WITH A MINIMUM CLIMB OF 215 FT PER NM TO 2700 OR 1000-3 FOR CLIMB IN VISUAL CONDITIONS - UPDATED  
CEILING MINIMUM PER CURRENT CRITERIA.

4. TAKEOFF OBSTACLE NOTES: UPDATED - PER NEW OBSTACLE EVALUATION.

5. CONTROLLING OBSTACLES: RWY 15 ADDED 1969 FT MSL TREE 471617.85N/1013427.92W (CLIMB GRADIENT), 1979 FT MSL TREE 471630.18N/1013343.79W (CLIMB-TO ALTITUDE), 2019 FT MSL TREE 471540.54N/1013415.37W (CEILING/VISIBILITY) - PER NEW OBSTACLE EVALUATION.

6. CONTROLLING OBSTACLES: RWY 33 CHANGED FROM 2440 FT MSL TOWER 472120.00N/1013758.00W TO 2441 FT MSL TOWER 472120.00N/1013758.00W - OBSTACLE INFORMATION UPDATED BY ONE FT.

7. CONTROLLING OBSTACLES: CHANGED VCA OBSTACLE FROM 2440 FT MSL TOWER 472120.00N/1013758.00W TO 2316 FT MSL AAO 471424.00N/1013139.00W - PER CURRENT CRITERIA/NEW OBSTACLE EVALUATION.

8. CONTROLLING OBSTACLES: ADDED OBSTACLE OUTSIDE VISUAL CLIMB AREA MANDATING VCOA CLIMB TO ALTITUDE 2441 FT MSL TOWER 472120.00N/1013758.00W - PER 8260.46J, APPENDIX D, SECTION 1, PARA 2I(4).

9. REMARKS: ADDED 100 FOOT VEGETATION USED.

