

**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>
KVHN	VAN HORN	TX	2	15 JUNE 2023

TAKEOFF MINIMUMS:

- RWY 3:** STANDARD WITH MINIMUM CLIMB OF 445 FT PER NM TO 7400 OR 2500-3 FOR VCOA.
- RWY 7:** STANDARD WITH MINIMUM CLIMB OF 445 FT PER NM TO 11000 OR 2500-3 FOR VCOA.
- RWY 21:** STANDARD WITH MINIMUM CLIMB OF 435 FT PER NM TO 12000 OR 2500-3 FOR VCOA.
- RWY 25:** STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 7800 OR 2500-3 FOR VCOA.

TEXTUAL DEPARTURE PROCEDURES:

- RWY 3:** CLIMB ON HEADING 034.51 TO 7200 BEFORE PROCEEDING ON COURSE.
- RWY 7:** CLIMB ON HEADING 074.42 TO 7700 BEFORE PROCEEDING ON COURSE.
- RWY 21:** CLIMB ON HEADING 214.52 TO 5200 BEFORE PROCEEDING ON COURSE.
- RWY 25:** CLIMB ON HEADING 254.42 TO 7500 BEFORE PROCEEDING ON COURSE.

VISUAL CLIMB OVER AIRPORT:

- RWY 3, 7, 21, 25:** OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS CULBERSON COUNTY AIRPORT AT OR ABOVE 6300 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 3: TREE, VEGETATION BEGINNING 16 FT FROM DER, 133 FT RIGHT OF CENTERLINE, UP TO 11 FT AGL/3928 FT MSL.
TREES, VEGETATION BEGINNING 45 FT FROM DER, 147 FT LEFT OF CENTERLINE, UP TO 11 FT AGL/3929 FT MSL.
TREE, VEHICLE ON ROAD, VEGETATION BEGINNING 135 FT FROM DER, 389 FT RIGHT OF CENTERLINE, UP TO 17 FT AGL/3930 FT MSL.
TREES, VEHICLE ON ROAD BEGINNING 248 FT FROM DER, 343 FT RIGHT OF CENTERLINE, UP TO 18 FT AGL/3931 FT MSL.

NOTE: RWY 7: TREES BEGINNING 60 FT FROM DER, 12 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/4018 FT MSL.
TREES 119 FT FROM DER, 215 FT LEFT OF CENTERLINE, 100 FT AGL/4015 FT MSL.
TREES BEGINNING 148 FT FROM DER, 12 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/4018 FT MSL.

NOTE: RWY 21: TREE, VEGETATION BEGINNING 49 FT FROM DER, 291 FT RIGHT OF CENTERLINE, UP TO 10 FT AGL/3969 FT MSL.
VEGETATION BEGINNING 84 FT FROM DER, 404 FT LEFT OF CENTERLINE, UP TO 3961 FT MSL.
TREES 4132 FT FROM DER, 1604 FT RIGHT OF CENTERLINE, 100 FT AGL/4090 FT MSL.

NOTE: RWY 25: TREES, VEHICLE ON ROAD BEGINNING 12 FT FROM DER, 59 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/4060 FT MSL.
TREES 791 FT FROM DER, 523 FT RIGHT OF CENTERLINE, 100 FT AGL/4067 FT MSL.
TREES 1051 FT FROM DER, 548 FT RIGHT OF CENTERLINE, 100 FT AGL/4074 FT MSL.
TREES 1310 FT FROM DER, 573 FT RIGHT OF CENTERLINE, 100 FT AGL/4077 FT MSL.
TREES BEGINNING 1340 FT FROM DER, 21 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/4080 FT MSL.
TREES 1629 FT FROM DER, 4 FT LEFT OF CENTERLINE, 100 FT AGL/4077 FT MSL.
TREES BEGINNING 2060 FT FROM DER, 46 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/4083 FT MSL.
TREES 2178 FT FROM DER, 255 FT LEFT OF CENTERLINE, 100 FT AGL/4080 FT MSL.
TREES BEGINNING 2320 FT FROM DER, 71 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/4090 FT MSL.
TREES BEGINNING 2438 FT FROM DER, 229 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/4083 FT MSL.
TREES BEGINNING 2579 FT FROM DER, 97 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/4093 FT MSL.
TREES BEGINNING 2697 FT FROM DER, 178 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/4090 FT MSL.
TREES BEGINNING 2839 FT FROM DER, 122 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/4100 FT MSL.
TREES BEGINNING 3217 FT FROM DER, 153 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/4093 FT MSL.
TREES BEGINNING 3477 FT FROM DER, 77 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/4097 FT MSL.
TREES BEGINNING 3589 FT FROM DER, 198 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/4103 FT MSL.
TREES BEGINNING 4108 FT FROM DER, 249 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/4110 FT MSL.
TREES BEGINNING 4256 FT FROM DER, 51 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/4100 FT MSL.
TREES BEGINNING 4368 FT FROM DER, 24 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/4113 FT MSL.
TREES BEGINNING 4515 FT FROM DER, 1 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/4106 FT MSL.
TREES BEGINNING 5377 FT FROM DER, 75 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/4116 FT MSL.
TREES BEGINNING 5584 FT FROM DER, 226 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/4110 FT MSL.
TREES 5637 FT FROM DER, 1910 FT RIGHT OF CENTERLINE, 100 FT AGL/4120 FT MSL.
TREES BEGINNING 5666 FT FROM DER, 100 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/4123 FT MSL.
TREES BEGINNING 5844 FT FROM DER, 175 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/4116 FT MSL.
TREES BEGINNING 5897 FT FROM DER, 125 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/4126 FT MSL.
TREES BEGINNING 1 NM FROM DER, 1081 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/4129 FT MSL.

CONTROLLING OBSTACLES:

- RWY 3:** 14000 FT MSL TETHERED BALLOON 302605.00N/1041914.00W.
- RWY 7:** 14000 FT MSL TETHERED BALLOON 302605.00N/1041914.00W.
- RWY 21:** 14000 FT MSL TETHERED BALLOON 302605.00N/1041914.00W.
- RWY 25:** 5059 FT MSL AAO 310342.37N/1045144.71W (CLIMB GRADIENT), 7679 FT MSL AAO 305517.00N/1050507.00W (CLIMB-TO ALTITUDE).

VISUAL CLIMB AREA OBSTACLE: RWY 3, 7, 21, 25: 5719 FT MSL AAO 310641.29N/1045101.77W.

OBSTACLE OUTSIDE VISUAL CLIMB AREA MANDATING VCOA CLIMB TO ALTITUDE: RWY 3, 7, 21, 25: 6079 FT MSL AAO 310749.83N/1045155.05W.



OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 3, 7, 21, 25: 14000 FT MSL TETHERED BALLOON 302605.00N/1041914.00W.

REMARKS:

CHART NOTE IN TAKEOFF MINIMUMS: CAUTION: UNMARKED BALLOON AND CABLE TO 14000 FT MSL IN R-6318.
100 FT TREES USED TO MATCH APPROACH PROCEDURES.

FLIGHT INSPECTED BY

GARY BELL

Digitally signed by

DAVID TEFFETELLER

Feb 13, 2023

OFFICE

FPO

DATE

02/09/2023

DEVELOPED BY

MARTINEZ, RAFAEL A

Digitally signed by

RAFAEL A MARTINEZ

Jan 24, 2023

OFFICE

AJV-A433

DATE

12/01/2022

APPROVED BY

BAKER, JOHNNIE

Digitally signed by

DAVID TEFFETELLER

Feb 13, 2023

OFFICE

AJV-A430

DATE

TITLE

MANAGER

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZAB, AMGR, ST.AV.DIR.

CHANGES - REASONS:

1. TAKEOFF MINIMUMS: ADDED RWY 3, 7, 21, 25 STANDARD WITH MINIMUM CLIMB GRADIENT, CGTA AND CEILING-VISIBILITY FOR VCOA - IAW 8260.46J CHAPTER 2 AND APPENDIX D SECTION 1 PARA 2E.
2. TEXTUAL DEPARTURE PROCEDURES: REMOVED RWY 3, 7, 21: USE JURDU DEPARTURE AND ADDED RWY 3, 7, 21, 25 CLIMB ON HEADING BEFORE PROCEEDING ON COURSE - FPT REQUEST CANCELLATION OF JURDU ONE (OBSTACLE) DEPARTURE, AND IAW 8260.46J CHAPTER 2 AND APPENDIX D SECTION 1, PARA 2F.
3. VISUAL CLIMB OVER AIRPORT: ADDED OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS CULBERSON COUNTY AIRPORT AT OR ABOVE 6300 BEFORE PROCEEDING ON COURSE - IAW 8260.46J CHAPTER 2 AND APPENDIX D SECTION 1, PARA 2G.
4. TAKEOFF OBSTACLE NOTES: UPDATED OBSTACLES NOTES - NEW OBSTACLE EVALUATION, IAW 8260.46J APPENDIX D SECTION 1, PARA 2H.
5. CONTROLLING OBSTACLES: NEW OBSTACLE EVALUATION, IAW 8260.46J CHAPTER 2 AND APPENDIX D SECTION 1, PARA 2I.
ALL OTHER DATA REMAINS AS PUBLISHED.
6. DELETED TAKEOFF MINIMUMS: RWY 25: NA - OBSTACLES - NEW OBSTACLE EVALUATION.
7. ADDED REMARKS: CHART NOTE IN TAKEOFF MINIMUMS: CAUTION: UNMARKED BALLOON AND CABLE TO 14000 FT MSL IN R-6318 - IAW 8260.46J APPENDIX D SECTION 1, PARA 2J.

