

**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>
KCZT	CARRIZO SPRINGS	TX	ORIG-A	20 APRIL 2023

TAKEOFF MINIMUMS:
RWY 13, 31: STANDARD

TEXTUAL DEPARTURE PROCEDURES:
RWY 31: CLIMB ON HEADING 306.98 TO 1200 BEFORE TURNING LEFT.

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:
NOTE: RWY 13: FENCE 9 FT FROM DER, 370 FT RIGHT OF CENTERLINE, 593 FT MSL. TREE 81 FT FROM DER, 466 FT LEFT OF CENTERLINE, 594 FT MSL. TREE 237 FT FROM DER, 413 FT RIGHT OF CENTERLINE, 597 FT MSL. TREE 267 FT FROM DER, 453 FT LEFT OF CENTERLINE, 598 FT MSL. TREES BEGINNING 422 FT FROM DER, 54 FT RIGHT OF CENTERLINE, UP TO 603 FT MSL.

NOTE: RWY 31: FENCE 4 FT FROM DER, 352 FT LEFT OF CENTERLINE, 604 FT MSL. TREES, BUILDINGS BEGINNING 56 FT FROM DER, 90 FT RIGHT OF CENTERLINE, UP TO 640 FT MSL. TREE 224 FT FROM DER, 537 FT LEFT OF CENTERLINE, 644 FT MSL. TREE, BUILDING BEGINNING 326 FT FROM DER, 442 FT LEFT OF CENTERLINE, UP TO 645 FT MSL. TREE 1101 FT FROM DER, 724 FT LEFT OF CENTERLINE, 665 FT MSL. TREES BEGINNING 1276 FT FROM DER, 255 FT LEFT OF CENTERLINE, UP TO 669 FT MSL.

CONTROLLING OBSTACLES:
OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 31: 1115 FT MSL TOWER 283207.00N/0995309.00W

REMARKS:

FLIGHT INSPECTED BY TERRY HESTER	<i>Digitally signed by</i> DONALD E SMITH Jan 20, 2023	OFFICE FPO	DATE 01/18/2023
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DEVELOPED BY ROBERT GRIM	<i>Digitally signed by ROBERT E GRIM II</i> ROBERT E GRIM II Date: 2022.09.27 07:41:08 -05'00'	OFFICE AJV-A413	DATE 09/21/2022
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APPROVED BY JULIE MORGAN	<i>Digitally signed by</i> DONALD E SMITH Jan 20, 2023	OFFICE AJV-A410	DATE	TITLE MANAGER
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REQUIRED EFFECTIVE DATE:
ROUTINE

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZHU ARTCC, SAT FSS, ARPT MGR

CHANGES - REASONS:
1. ADDED TAKEOFF OBSTACLE NOTES - IAW 8260.46J APPENDIX D, SECTION 1, 2. H (1).
2. CHANGED TEXTUAL DEPARTURE PROCEDURES RWY 31, FROM CLIMB RWY HEADING TO 1200 PRIOR TO LEFT TURN TO AVOID 1114 FT ANTENNA WEST OF AIRPORT TO CLIMB ON HEADING 306.98 TO 1200 BEFORE TURNING LEFT - IAW 8260.46J APPENDIX D, SECTION 1, 2. F (1) (A).
3. CHANGED TAKEOFF OBSTACLES: RWY 31: 1114 TOWER 283036/995234 TO OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 31: 1115 FT MSL TOWER 283207.00N/0995309.00W - IAW 8260.46J APPENDIX D, SECTION 1, 2. I (3).

QUALITY
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CHECKED