

**U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION**  
**TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)**

Bearings, headings, courses, tracks and radials are magnetic. Elevation 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.

<b>City, State</b>	<b>Airport</b>	<b>Effective Date</b>	<b>Amdt. No.</b>
LAS CRUCES , NM	LAS CRUCES INTL	18 AUGUST 2016	2

**TAKEOFF MINIMUMS:**

RWY 4, 8, 12, 22, 26, 30 2500-3 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 LAS CRUCES INTL SOUTHWEST BOUND AT OR ABOVE 6500 ON CUS VOR/DME R-037.59 TO ZAXOX INT/DMN 26.34 DME. CONTINUE CLIMB IN ZAXOX HOLDING PATTERN (HOLD W, RIGHT TURNS, 093.57 INBOUND) TO CROSS ZAXOX AT OR ABOVE MEA OR ASSIGNED ALTITUDE FOR ROUTE OF FLIGHT.

**TAKEOFF OBSTACLE NOTES:**

NOTE: RWY 04: BUSH BEGINNING 67 FEET FROM DER, 169 FEET RIGHT OF CENTERLINE, UP TO 8 FEET AGL/4458 FEET MSL. TREE, BUSH, VEGETATION BEGINNING 122 FEET FROM DER, 180 FEET RIGHT OF CENTERLINE, UP TO 10 FEET AGL/4460 FEET MSL. TREE, BUSH, POLE, LT SUPPORT STRUCTURE BEGINNING 8 FEET FROM DER, 29 FEET LEFT OF CENTERLINE, UP TO 4459 FEET MSL. BUSH BEGINNING 187 FEET FROM DER, 372 FEET LEFT OF CENTERLINE, UP TO 4462 FEET MSL. TREE, BUSH, VEGETATION BEGINNING 192 FEET FROM DER, 331 FEET LEFT OF CENTERLINE, UP TO 4462 FEET MSL. BUSH, TREE BEGINNING 347 FEET FROM DER, 219 FEET LEFT OF CENTERLINE, UP TO 4463 FEET MSL. TREE 463 FEET FROM DER, 427 FEET LEFT OF CENTERLINE, 4464 FEET MSL. TREE 480 FEET FROM DER, 254 FEET LEFT OF CENTERLINE, 4465 FEET MSL. TREE 520 FEET FROM DER, 251 FEET LEFT OF CENTERLINE, 4467 FEET MSL.

NOTE: RWY 8: POLE, LT SUPPORT STRUCTURE, BUSH BEGINNING 12 FEET FROM DER, 29 FEET LEFT OF CENTERLINE, UP TO 9 FEET AGL/4437 FEET MSL. BUSH BEGINNING 46 FEET FROM DER, 428 FEET LEFT OF CENTERLINE, UP TO 4439 FEET MSL. BUSH 87 FEET FROM DER, 487 FEET LEFT OF CENTERLINE, 4440 FEET MSL. BUSH BEGINNING 188 FEET FROM DER, 371 FEET LEFT OF CENTERLINE, UP TO 5 FEET AGL/4443 FEET MSL. BUSH 240 FEET FROM DER, 359 FEET LEFT OF CENTERLINE, 4444 FEET MSL. TREES BEGINNING 360 FEET FROM DER, 504 FEET LEFT OF CENTERLINE, UP TO 4448 FEET MSL. TREE 542 FEET FROM DER, 643 FEET LEFT OF CENTERLINE, 4451 FEET MSL.

NOTE: RWY 12: BUSH BEGINNING 106 FEET FROM DER, 351 FEET RIGHT OF CENTERLINE, UP TO 4443 FEET MSL.

NOTE: RWY 22: BUSH 30 FEET FROM DER, 489 FEET RIGHT OF CENTERLINE, 4440 FEET MSL. BUSH 5 FEET FROM DER, 365 FEET LEFT OF CENTERLINE, 4439 FEET MSL. POLE, LT SUPPORT STRUCTURE BEGINNING 11 FEET FROM DER, 30 FEET RIGHT OF CENTERLINE, UP TO 3 FEET AGL/4437 FEET MSL. TREE, BUSH BEGINNING 31 FEET FROM DER, 352 FEET LEFT OF CENTERLINE, UP TO 4441 FEET MSL. TREE, BUSH BEGINNING 126 FEET FROM DER, 221 FEET LEFT OF CENTERLINE, UP TO 9 FEET AGL/4444 FEET MSL.

NOTE: RWY 26: VEGETATION, LT SUPPORT STRUCTURE, POLE BEGINNING 4 FEET FROM DER, 30 FEET RIGHT OF CENTERLINE, UP TO 5 FEET AGL/4440 FEET MSL. BUSH BEGINNING 24 FEET FROM DER, 358 FEET RIGHT OF CENTERLINE, UP TO 4444 FEET MSL. TREE, BUSH BEGINNING 38 FEET FROM DER, 245 FEET RIGHT OF CENTERLINE, UP TO 4445 FEET MSL. TREE, BUSH BEGINNING 43 FEET FROM DER, 173 FEET RIGHT OF CENTERLINE, UP TO 8 FEET AGL/4446 FEET MSL. TREE, BUSH, VEGETATION BEGINNING 147 FEET FROM DER, 260 FEET RIGHT OF CENTERLINE, UP TO 11 FEET AGL/4449 FEET MSL. BUSH 27 FEET FROM DER, 451 FEET LEFT OF CENTERLINE, 4439 FEET MSL.

NOTE: RWY 30: TREE 12 FEET FROM DER, 276 FEET RIGHT OF CENTERLINE, 4463 FEET MSL. TREE, BUSH BEGINNING 15 FEET FROM DER, 290 FEET RIGHT OF CENTERLINE, UP TO 10 FEET AGL/4465 FEET MSL. TREE 52 FEET FROM DER, 429 FEET RIGHT OF CENTERLINE, 11 FEET AGL/4466 FEET MSL. TREES BEGINNING 135 FEET FROM DER, 279 FEET RIGHT OF CENTERLINE, UP TO 13 FEET AGL/4468 FEET MSL. TREES BEGINNING 97 FEET FROM DER, 318 FEET LEFT OF CENTERLINE, UP TO 4466 FEET MSL. TREES BEGINNING 230 FEET FROM DER, 316 FEET LEFT OF CENTERLINE, UP TO 4467 FEET MSL. TREE 420 FEET FROM DER, 544 FEET LEFT OF CENTERLINE, 4468 FEET MSL.

**CONTROLLING OBSTACLES:**

RWY 4, 8, 12, 22, 26, 30: (VCOA): 5009 FEET MSL TREE 321958.69N/1065254.76W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:  
RWY 4, 8, 12, 22, 26, 30: 9200 FEET MSL AAO 322042.00N/1063341.00W.



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**REMARKS:**

PER 20:1 TRACKER, ALL OBSTRUCTIONS HAVE BEEN MITIGATED BY CONTROLLED ACCESS OR COMPLETE REMOVAL OF THE OBSTRUCTION AND FPT HAS BEEN NOTIFIED TO HAVE REQUIRED OBSTACLES REMOVED FROM DATA BASE. AIRFIELD NAVAIDS AND ROADS ELIMINATED FROM CONSIDERATION.

**FLIGHT INSPECTED BY:**

**REQUIRED EFFECTIVE DATE:**

BRIAN HARRELSON	FICO	<i>Digitally signed by</i> <b>THOMAS L KIRKPATRICK</b> Jun 28, 2016	04/20/2016	ROUTINE
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**DEVELOPED BY:**

PABLO ORTIZ	AJV-5422	<i>Digitally signed by</i> <b>THOMAS L KIRKPATRICK</b> Jun 28, 2016	03/01/2016
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**APPROVED BY:**

TONY LAWSON	AJV-5420	<i>Digitally signed by</i> <b>THOMAS L KIRKPATRICK</b> Jun 28, 2016
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**COORDINATED WITH:**

ALPA, APA, AOPA, NBAA, ZAB, ST. AV. DIR., AMGR

**CHANGES:**

1. CHANGED TAKEOFF MINIMUMS RWY 4, 8, 12, 22, 26, 30 FROM STANDARD TO 1000-3 FOR CLIMB IN VISUAL CONDITIONS.
2. REMOVED IFR DEPARTURE PROCEDURE RWY 4, 8, 12, 22, 26, 30.
3. ADDED VISUAL CLIMB OVER AIRPORT ALL RUNWAYS.
4. ADDED TAKEOFF OBSTACLE NOTES RWY 4, 8, 12, 22, 26, 30.
5. UPDATED CONTROLLING OBSTACLES.

**REASONS:**

- 1, 2, 3. DECOMMISSIONING (LRU) HAWKE LOM.
4. REQUIRED BY CURRENT CRITERIA.
5. PER CURRENT OBSTACLE DATA BASE.

05/23/16: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 03/01/16.

1. CHANGED TAKEOFF MINIMUMS FROM 1000-3 FOR CLIMB IN VISUAL CONDITIONS TO 2500-3 FOR CLIMB IN VISUAL CONDITIONS.
  2. CHANGED VISUAL CLIMB OVER AIRPORT FROM AT OR ABOVE 5300 TO AT OR ABOVE 6500.
- CHANGES 1 AND 2 ARE FLIGHT CHECK REQUESTED VALUES.

07/06/16: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 06/28/16.

ADDED ", NM" IN HEADER

