

**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.

<b>CITY, STATE</b>	<b>AIRPORT</b>	<b>EFFECTIVE DATE</b>	<b>AMDT NO</b>
HAWTHORNE, NV	HAWTHORNE INDUSTRIAL		ORIG

**TAKEOFF MINIMUMS:**

RWY 15, 33: NA - ATC  
RWY 10, 28: 4200 - 3 FOR VCOA

**TEXTUAL DEPARTURE PROCEDURES:**

**VISUAL CLIMB OVER AIRPORT:**

RWY 10, 28: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS HAWTHORNE INDUSTRIAL AIRPORT AT OR ABOVE 8300 THEN CLIMB TO 11500 ON MVA R-251 TO MVA VORTAC BEFORE PROCEEDING ON COURSE.

**TAKEOFF OBSTACLE NOTES:**

NOTE: RWY 10, GRD BEGINNING AT DER, 53 FT RIGHT OF CENTERLINE, UP TO 4232 FT MSL.  
GRD 139 FT FROM DER, 39 FT RIGHT OF CENTERLINE, 4234 FT MSL.  
GRD 145 FT FROM DER, 387 FT RIGHT OF CENTERLINE, 4236 FT MSL.  
BUSH 193 FT FROM DER, 480 FT RIGHT OF CENTERLINE, 2 FT AGL/4238 FT MSL.  
BUSH 363 FT FROM DER, 576 FT RIGHT OF CENTERLINE, 3 FT AGL/4242 FT MSL.  
BUSH 557 FT FROM DER, 555 FT RIGHT OF CENTERLINE, 1 FT AGL/4245 FT MSL.

NOTE: RWY 28, GRD 1 FT FROM DER, 388 FT LEFT OF CENTERLINE, 4183 FT MSL.  
BUSH 10 FT FROM DER, 488 FT LEFT OF CENTERLINE, 2 FT AGL/4185 FT MSL.

**CONTROLLING OBSTACLES:**

VCOA - VISUAL CLIMB AREA: 8040 FT MSL AAO, 383052.24N/1184326.23W  
OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: 11480 FT MSL AAO, 383406.25N/1184727.92W.

**REMARKS:**

RWY 15,33: GRAVEL RUNWAY. DEPARTURE NOT DEVELOPED PER FPT CHECKLIST.  
NO TEXTUAL DEPARTURE PROCEDURE DEVELOPED DUE TO SIGNIFICANT TERRAIN SURROUNDING AIRPORT.

<b>FLIGHT INSPECTED BY:</b>	<b>OFFICE SYMBOL:</b>	<b>DATE:</b>
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<b>DEVELOPED BY:</b>	<b>OFFICE SYMBOL:</b>	<b>DATE:</b>
DUSTIN DAVIDSON	AJV-5422	02/28/2017

DUSTIN RYAN DAVIDSON Digitally signed by DUSTIN RYAN DAVIDSON  
Date: 2017.03.27 15:23:25 -05'00'

<b>APPROVED BY:</b>	<b>OFFICE SYMBOL:</b>	<b>DATE:</b>
JULIE MORGAN	AJV-5420	

**REQUIRED EFFECTIVE DATE:**

CONCURRENT WITH AIRSPACE DOCKET 16-AWP-4.

**COORDINATED WITH:**

<b>A4A</b>	<b>ALPA</b>	<b>AOPA</b>	<b>APA</b>	<b>HAI</b>	<b>NBAA</b>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**OTHER:**

ZLA, AMGR

**CHANGES - REASONS:**

