

**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</u>	<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>	<u>AMDT NO</u>	<u>ACTUAL EFFECTIVE DATE</u>
UKIAH MUNI	KUKI	UKIAH	CA	2A	25 FEBRUARY 2021

TAKEOFF MINIMUMS:

RWY 15: STANDARD WITH MINIMUM CLIMB OF 681 FT PER NM TO 3800 OR 3300-3 FOR CLIMB IN VISUAL CONDITIONS.

RWY 33: STANDARD WITH MINIMUM CLIMB OF 350 FT PER NM TO 5000 OR 3300-3 FOR CLIMB IN VISUAL CONDITIONS.

TEXTUAL DEPARTURE PROCEDURES:

RWY 15: CLIMB HEADING 151.33 TO 3800 BEFORE PROCEEDING ON COURSE.

RWY 33: CLIMB HEADING 345.33 TO 5000, THEN LEFT TURN DIRECT TO CROSS ENI VORTAC AT OR ABOVE 6000.

VISUAL CLIMB OVER AIRPORT:

ALL RUNWAYS, OBTAIN ATC APPROVAL FOR VISUAL CLIMB OVER AIRPORT WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS UKIAH MUNI AIRPORT AT OR ABOVE 3800 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 15, GENERAL UTILITIES 13 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, 6 FT AGL/610 FT MSL. ROAD AND BUILDING BEGINNING 34 FT FROM DER, 245 FT RIGHT OF CENTERLINE, UP TO 16 FT AGL/625 FT MSL. TREE AND ROAD BEGINNING 112 FT FROM DER, 124 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/629 FT MSL. SIGN, ROAD AND BUILDING BEGINNING 116 FT FROM DER, 246 FT RIGHT OF CENTERLINE, UP TO 628 FT MSL. POLE 275 FT FROM DER, 357 FT RIGHT OF CENTERLINE, 28 FT AGL/634 FT MSL. POLE, ROAD AND BUILDING BEGINNING 294 FT FROM DER, 4 FT RIGHT OF CENTERLINE, UP TO 30 FT AGL/636 FT MSL. POLE AND TREE BEGINNING 527 FT FROM DER, 283 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/647 FT MSL. POLE, TREE AND BUILDING BEGINNING 530 FT FROM DER, 150 FT RIGHT OF CENTERLINE, UP TO 40 FT AGL/645 FT MSL. POLE, TREE AND BUILDING BEGINNING 555 FT FROM DER, 28 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/696 FT MSL. TREES BEGINNING 1026 FT FROM DER, 339 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/670 FT MSL. TREES BEGINNING 2193 FT FROM DER, 33 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/674 FT MSL. TREES BEGINNING 2543 FT FROM DER, 418 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/712 FT MSL. TREE 1.1 NM FROM DER, 2023 FT RIGHT OF CENTERLINE, 801 FT MSL. TREES BEGINNING 1.2 NM FROM DER, 1559 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/961 FT MSL. TREES AND TERRAIN BEGINNING 1.3 NM FROM DER, 1205 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1073 FT MSL. TREES AND TERRAIN BEGINNING 1.4 NM FROM DER, 1295 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1160 FT MSL. TREES BEGINNING 1.5 NM FROM DER, 1335 FT RIGHT OF CENTERLINE, UP TO 100 AGL/1167 FT MSL. TREES AND ROADS BEGINNING 1.6 NM FROM DER, 1053 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1214 FT MSL. TREES BEGINNING 1.7 NM FROM DER, 874 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1307 FT MSL. TREES BEGINNING 1.8 NM FROM DER, 2248 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1341 FT MSL. TREES BEGINNING 1.9 NM FROM DER, 624 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1345 FT MSL.

NOTE: RWY 33, GENERAL UTILITY 1 FT FROM DER, 137 FT LEFT OF CENTERLINE, 3 FT AGL/621 FT MSL. POLE, ROAD, TREE BEGINNING 27 FT FROM DER, 157 FT RIGHT OF CENTERLINE, UP TO 27 FT AGL/635 FT MSL. TERRAIN 130 FT FROM DER, 471 FT LEFT OF CENTERLINE, 623 FT MSL. POLE, ROAD, BEGINNING 269 FT FROM DER, 154 FT RIGHT OF CENTERLINE, UP TO 36 FT AGL/645 FT MSL. POLE, ROAD, TREES BEGINNING 461 FT FROM DER, 12 FT LEFT OF CENTERLINE, UP TO 53 FT AGL/679 FT MSL. POLE 572 FT FROM DER, 505 FT RIGHT OF CENTERLINE, UP TO 42 FT AGL/647 FT MSL. TRANSMISSION LINE, SIGN, TREE BEGINNING 894 FT FROM DER, 288 FT LEFT OF CENTERLINE, UP TO 65 FT AGL/691 FT MSL. TRANSMISSION LINE, BUILDING, TREE BEGINNING 931 FT FROM DER, 411 FT RIGHT OF CENTERLINE, UP TO 61 FT AGL/667 FT MSL. POLE, SIGN, TREE BEGINNING 961 FT FROM DER, 9 FT LEFT OF CENTERLINE, 693 FT MSL. TREES BEGINNING 1670 FT FROM DER, 407 FT RIGHT OF CENTERLINE, UP TO 679 FT MSL. TREES BEGINNING 2593 FT FROM DER, 878 FT LEFT OF CENTERLINE, UP TO 709 FT MSL. TREE 5383 FT FROM DER, 1848 FT LEFT OF CENTERLINE, 752 FT MSL. TOWER, TREES BEGINNING 5773 FT FROM DER, 734 FT LEFT OF CENTERLINE, UP TO 124 FT AGL/773 FT MSL.

CONTROLLING OBSTACLES:

RWY 15: (CLIMB GRADIENT) 2431 FT MSL AAO 390339.00N/1231136.00W, (CLIMB TO ALTITUDE): 3788 FT MSL TOWER (06-002368) 390750.92N/1230436.75W

RWY 33: (CLIMB GRADIENT/CLIMB TO ALTITUDE) 3390 FT MSL TOWER (06-032150) 391922.47N/1231623.70W.

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: BOTH RUNWAYS: 4131 FT MSL AAO 390948.00N/1230306.00W.

VISUAL CLIMB AREA OBSTACLE: 2781 MSL ROAD (06-081649) 390802.01N/1231520.95W.

OBSTACLE OUTSIDE VISUAL CLIMB AREA MANDATING VCOA CLIMB ALTITUDE: 3788 TOWER (06-002368) 390750.92N/1230436.75W.

REMARKS:



AIRPORT	AIRPORT ID	CITY	STATE	AMDT NO	EFFECTIVE DATE
UKIAH MUNI	KUKI	UKIAH	CA	2A	25 FEBRUARY 2021

FLIGHT INSPECTED BY	<i>Digitally signed by</i>	OFFICE	DATE
THOMAS E MOLOKIE	DAVID TEFFETELLER	FICO	11/11/2020
	Nov 20, 2020		

DEVELOPED BY	<i>Digitally signed by</i>	OFFICE	DATE
SCOTT BAGENSIE	DAVID TEFFETELLER	AJV-A433	03/18/2020
	Nov 20, 2020		

APPROVED BY	<i>Digitally signed by</i>	OFFICE	DATE	TITLE
LONNIE EVERHART	DAVID TEFFETELLER	AJV-A430		MANAGER
	Nov 20, 2020			

REQUIRED EFFECTIVE DATE:
ROUTINE

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZOA, AMGR

CHANGES - REASONS:

1. TAKEOFF MINIMUMS: INCREASED CEILING AND VISIBILITY REQUIREMENT TO USE THE VCOA FOR BOTH RWYS FROM 3100-2 1/2 TO 3300-3; NEW CONTROLLING OBSTACLE FOR CLIMB TO ALTITUDE AND VISUAL CLIMB AREA; CRITERIA CHANGE FOR VISIBILITY REQUIRED.
2. TEXTUAL DEPARTURE PROCEDURES: CHANGED "RWY 15: CLIMB HEADING 151.33 TO 3100 BEFORE PROCEEDING ON COURSE" TO "RWY 15: CLIMB HEADING 151.33 TO 3800 BEFORE PROCEEDING ON COURSE"; NEW CONTROLLING OBSTACLE.
3. VISUAL CLIMB OVER AIRPORT: CHANGED BOTH RUNWAYS ALTITUDE RESTRICTION OF "AT OR ABOVE 3700" TO "AT OR ABOVE 3800"; NEW CONTROLLING OBSTACLE.
4. TAKEOFF OBSTACLE NOTES: UPDATED OBSTACLE NOTES FOR BOTH RUNWAYS; UPDATED OBSTACLE SURVEY AT AIRPORT.
5. TEXTUAL DEPARTURE PROCEDURES: CHANGED RUNWAY 15 CLIMB GRADIENT FROM 678 TO 681 - REVISED WAY OF CALCULATING THE INITIAL CLIMB AREA EVALUATIONS.

11/20/20 THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 04/02/20
CHANGE 3100 TO 3800 IN THE TAKEOFF MINIMUMS VERBIAGE FOR RWY 15.