

**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>
KUKI	UKIAH	CA	3	3 NOVEMBER 2022

**TAKEOFF MINIMUMS:**

RWY 15: STANDARD WITH MINIMUM CLIMB OF 687 FT PER NM TO 3900 OR 4000-3 FOR CLIMB IN VISUAL CONDITIONS.

RWY 33: STANDARD WITH MINIMUM CLIMB OF 350 FT PER NM TO 5000 OR 4000-3 FOR CLIMB IN VISUAL CONDITIONS.

**TEXTUAL DEPARTURE PROCEDURES:**

RWY 15: CLIMB ON HEADING 155.33 TO 3800 BEFORE PROCEEDING ON COURSE.

RWY 33: CLIMB ON HEADING 335.33 TO 4000, THEN CLIMBING LEFT TURN DIRECT ENI VORTAC, CONTINUE CLIMB IN ENI HOLDING PATTERN (HOLD SOUTH, RIGHT TURNS, 022.14 INBOUND) TO CROSS ENI VORTAC AT OR ABOVE MEA FOR ROUTE OF FLIGHT.

**VISUAL CLIMB OVER AIRPORT:**

ALL RUNWAYS, OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS UKIAH MUNI AIRPORT AT OR ABOVE 4500 BEFORE PROCEEDING ON COURSE.

**TAKEOFF OBSTACLE NOTES:**

**NOTE: RWY 15:** GENERAL UTILITY 13 FT FROM DER, 118 FT RIGHT OF CENTERLINE, 6 FT AGL/610 FT MSL. GENERAL UTILITY 13 FT FROM DER, 115 FT LEFT OF CENTERLINE, 4 FT AGL/606 FT MSL. BUILDING, ROAD BEGINNING 34 FT FROM DER, 245 FT RIGHT OF CENTERLINE, UP TO 16 FT AGL/625 FT MSL. TREE, ROAD BEGINNING 112 FT FROM DER, 124 FT LEFT OF CENTERLINE, UP TO 629 FT MSL. BUILDING, SIGN, ROAD 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, BUILDING BEGINNING 294 FT FROM DER, 4 FT RIGHT OF CENTERLINE, UP TO 30 FT AGL/636 FT MSL. TREE, POLE BEGINNING 527 FT FROM DER, 283 FT LEFT OF CENTERLINE, UP TO 647 FT MSL. POLE, TREE, BUILDING BEGINNING 530 FT FROM DER, 150 FT RIGHT OF CENTERLINE, UP TO 40 FT AGL/645 FT MSL. TREE, BUILDING, POLE BEGINNING 555 FT FROM DER, 28 FT RIGHT OF CENTERLINE, UP TO 696 FT MSL. TREES BEGINNING 1026 FT FROM DER, 338 FT LEFT OF CENTERLINE, UP TO 670 FT MSL.

TREES BEGINNING 2193 FT FROM DER, 33 FT LEFT OF CENTERLINE, UP TO 674 FT MSL. TREES BEGINNING 2543 FT FROM DER, 418 FT RIGHT OF CENTERLINE, UP TO 712 FT MSL. TREE 2755 FT FROM DER, 31 FT LEFT OF CENTERLINE, 698 FT MSL.

**NOTE: RWY 33:** 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. TREE 461 FT FROM DER, 555 FT LEFT OF CENTERLINE, 654 FT MSL. POLE, ROAD, TREE BEGINNING 543 FT FROM DER, 12 FT LEFT OF CENTERLINE, UP TO 53 FT AGL/679 FT MSL. POLE BEGINNING 572 FT FROM DER, 505 FT RIGHT OF CENTERLINE, UP TO 41 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. TREE, POLE, SIGN BEGINNING 961 FT FROM DER, 9 FT LEFT OF CENTERLINE, UP TO 693 FT MSL. TREE, TRANSMISSION LINE, POLE BEGINNING 1357 FT FROM DER, 161 FT RIGHT OF CENTERLINE, UP TO 668 FT MSL. TREES BEGINNING 1670 FT FROM DER, 407 FT RIGHT OF CENTERLINE, UP TO 679 FT MSL. TREES BEGINNING 2593 FT FROM DER, 906 FT LEFT OF CENTERLINE, UP TO 708 FT MSL. TREES BEGINNING 2788 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. TREE 5948 FT FROM DER, 1814 FT LEFT OF CENTERLINE, 767 FT MSL.

**CONTROLLING OBSTACLES:**

RWY 15: 2440 FT MSL AAO 390340.06N/1231134.12W (CLIMB GRADIENT) , 3680 FT MSL AAO 390232.08N/1230400.28W (CLIMB-TO ALTITUDE).

RWY 33: 3520 FT MSL AAO 391930.29N/1231613.83W.

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: ALL RUNWAYS: 4120 FT MSL AAO 390948.30N/1230302.44W.

VISUAL CLIMB AREA OBSTACLE: 2900 FT MSL TREE 390801.86N/1231520.78W.

OBSTACLE OUTSIDE VISUAL CLIMB AREA MANDATING VCOA ROUTE: 7146 FT MSL AAO 392239N/1224533W.

**REMARKS:**

**FLIGHT INSPECTED BY**

THOMAS E. MOLOKIE

*Digitally signed by*

**JOHNNIE BAKER**

Sep 07, 2022

**OFFICE**

FPO

**DATE**

05/17/2022

**DEVELOPED BY**

CHRISTOPHER SCHONES

*Digitally signed by*

**JOHNNIE BAKER**

Sep 07, 2022

**OFFICE**

AJV-A431

**DATE**

11/09/2021

QUALITY  
48  
CHECKED

**AIRPORT ID**

KUKI

**CITY**

UKIAH

**STATE**

CA

**AMDT NO**

3

**EFFECTIVE DATE**

3 NOVEMBER 2022

**APPROVED BY**

LONNIE EVERHART

*Digitally signed by***JOHNNIE BAKER**

Sep 07, 2022

**OFFICE**

AJV-A430

**DATE****TITLE**

MANAGER

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**COORDINATED WITH:**

**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZOA ARTCC, OAK FSS, AMGR.

**CHANGES - REASONS:**

1. RWY 15 TAKEOFF MINIMUM UPDATED FROM "STANDARD WITH MINIMUM CLIMB OF 681 FT PER NM TO 3800 OR 3300-3 FOR CLIMB IN VISUAL CONDITIONS." TO "STANDARD WITH MINIMUM CLIMB OF 687 FT PER NM TO 3900 OR 4000-3 FOR CLIMB IN VISUAL CONDITIONS." - NEW CONTROLLING OBSTACLES.
2. RWY 15 TEXTUAL DEPARTURE PROCEDURES UPDATED FROM: "CLIMB HEADING 151.33 TO 3800 BEFORE PROCEEDING ON COURSE." TO "CLIMB HEADING 155.33 TO 3800 BEFORE PROCEEDING ON COURSE." - AIRPORT MAGVAR UPDATED.
3. RWY 33 TEXTUAL DEPARTURE PROCEDURES UPDATED FROM: "CLIMB HEADING 345.33 TO 5000, THEN LEFT TURN DIRECT TO CROSS ENI VORTAC AT OR ABOVE 6000." TO "CLIMB ON HEADING 335.33 TO 4000, THEN LEFT TURN TO INTERCEPT ENI VORTAC R-337 TO ENI VORTAC. THENCE..." - AIRPORT MAGVAR UPDATED AND WORDING CHANGED TO RETAIN AS A TEXTUAL DEPARTURE.
4. VCOA UPDATED FROM "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." TO "ALL RUNWAYS, OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS UKIAH MUNI AIRPORT AT OR ABOVE 3800, THEN ON ENI VORTAC R-022 TO ENI VORTAC BEFORE PROCEEDING ON COURSE." - OBSTACLE OUTSIDE VCOA MANDATING VCOA ROUTE: 4120 AAO 390948.30N/1230302.44W.
5. TAKEOFF OBSTACLE NOTES: UPDATED OBSTACLE NOTES FOR BOTH RUNWAYS - REVISED SURVEY DATA.
6. RWY 15 CONTROLLING OBSTACLES: UPDATED FROM "(CLIMB GRADIENT) 2431 FT MSL AAO 390339.00N/1231136.00W, (CLIMB TO ALTITUDE): 3788 FT MSL TOWER (06-002368) 390750.92N/1230436.75W." TO "(2440 FT MSL AAO 390340.06N/1231134.12W (CLIMB GRADIENT) , 3680 FT MSL AAO 390232.08N/1230400.28W (CLIMB-TO ALTITUDE) ." - REVISED OBSTACLE DATA.
7. RWY 33 CONTROLLING OBSTACLES: UPDATED FROM "(CLIMB GRADIENT/CLIMB TO ALTITUDE) 3390 FT MSL TOWER (06-032150) 391922.47N/1231623.70W." TO "3520 FT MSL AAO 391930.29N/1231613.83W." - NEW CONTROLLING OBSTACLE.
8. OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: UPDATED FROM "BOTH RUNWAYS: 4131 FT MSL AAO 390948.00N/1230306.00W." TO "ALL RUNWAYS: 4120 FT MSL AAO 390948.30N/1230302.44W." - UPDATED MAP STUDY.
9. REMOVED OBSTACLE OUTSIDE VISUAL CLIMB AREA MANDATING VCOA CLIMB ALTITUDE: 3788 TOWER (06-002368) 390750.92N/1230436.75W. - NEW MAP STUDY/ NEW CONTROLLING OBSTACLE 4120 AAO 390948.30N/1230302.44W.
10. ADDED OBSTACLE OUTSIDE VISUAL CLIMB AREA MANDATING VCOA ROUTE: 4120 FT MSL AAO 390948.30N/1230302.44W. - REVISED OBSTACLE DATA.

06/10/22: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 03/17/22.

1. UPDATED TEXTUAL DEPARTURE PROCEDURES FOR RWY 33 FROM "CLIMB ON HEADING 335.33 TO 4000, THEN LEFT TURN TO INTERCEPT ENI VORTAC R-337 TO ENI VORTAC. THENCE...  
...CROSS ENI VORTAC AT OR ABOVE MEA FOR THE ROUTE OF FLIGHT BEFORE PROCEEDING ON COURSE." TO "CLIMB ON HEADING 335.33 TO 4000, THEN LEFT TURN ON ENI VORTAC R-337 TO ENI VORTAC TO CROSS ENI VORTAC AT OR ABOVE 6000."
2. UPDATED VISUAL CLIMB OVER AIRPORT FROM "ALL RUNWAYS, OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS UKIAH MUNI AIRPORT AT OR ABOVE 3800, THEN ON ENI VORTAC R-022 TO ENI VORTAC BEFORE PROCEEDING ON COURSE." TO "ALL RUNWAYS, OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS UKIAH MUNI AIRPORT AT OR ABOVE 4500 BEFORE PROCEEDING ON COURSE."
3. CHANGED CONTROLLING OBSTACLE FOR OBSTACLE OUTSIDE VISUAL CLIMB AREA MANDATING VCOA ROUTE FROM "4120 FT MSL AAO 390948.30N/1230302.44W." TO "7146 FT MSL AAO 392239N/1224533W."

07/14/22: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 03/17/22.

UPDATED TEXTUAL DEPARTURE PROCEDURE FOR RWY 33 FROM "CLIMB ON HEADING 335.33 TO 4000, THEN LEFT TURN ON ENI VORTAC R-337 TO ENI VORTAC TO CROSS ENI VORTAC AT OR ABOVE 6000." TO "CLIMB ON HEADING 335.33 TO 4000, THEN CLIMBING LEFT TURN DIRECT ENI VORTAC, CONTINUE CLIMB IN ENI HOLDING PATTERN (HOLD SOUTH, RIGHT TURNS, 022.14 INBOUND) TO CROSS ENI VORTAC AT OR ABOVE MEA FOR ROUTE OF FLIGHT."

09/07/2022: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 09/06/2022.

1. CHANGED AIRPORT ID FROM UKIAH MUNI TO KUKI.
2. CHANGED CITY FROM KUKI TO UKIAH.

QUALITY  
48  
CHECKED