

**U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION**  
**GRAPHIC DEPARTURE PROCEDURE (DP)**

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. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
RONHU	ONE	RONHU1.RONHU	NONE		13 NOV 2014

**TYPE:** RNAV SID

**DP ROUTE DESCRIPTION:**

TAKEOFF RWY 33: CLIMB HEADING 331.33 TO 1120, THEN RIGHT TURN DIRECT TO CROSS RONHU AT OR ABOVE 4000, THENCE...  
...ON ASSIGNED TRANSITION, MAINTAIN ASSIGNED ALTITUDE, EXPECT FILED ALTITUDE/FLIGHT LEVEL TEN MINUTES AFTER DEPARTURE.

**TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):**

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes
MENDOCINO	RONHU1.ENI	RONHU	TRSAK	270.63	05.90	5800		AT/ABOVE 5800
		TRSAK	URYKA	176.48	10.30	5800	5300	
		URYKA	ENI	124.08	08.47	6000	5300	AT/ABOVE 6000
FLUEN	RONHU1.FLUEN	RONHU	TRSAK	270.63	05.90	5800		AT/ABOVE 5800
		TRSAK	FLUEN	304.19	16.67	6700	5200	AT/ABOVE 6700
LAPED	RONHU1.LAPED	RONHU	WAGUP	044.41	04.63	5300		AT/ABOVE 5300
		WAGUP	KAYAA	120.82	08.02	6400		AT/ABOVE 6400
		KAYAA	LAPED	118.92	14.71	6400		AT/ABOVE 6400
MENSE	RONHU1.MENSE	RONHU	WAGUP	044.41	04.63	5300		AT/ABOVE 5300
		WAGUP	MENSE	041.98	13.26	9000		AT/ABOVE 9000

**PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:**

**PROCEDURAL DATA NOTES:**

NOTE: DO NOT EXCEED 230 KIAS UNTIL PASSING WAGUP.

NOTE: DO NOT EXCEED 230 KIAS UNTIL PASSING TRSAK.

NOTE: GPS REQUIRED.

NOTE: RNAV-1.

**TAKEOFF MINIMUMS:**

RWY 33 MENSE TRANSITION, MINIMUM CLIMB OF 500 FT PER NM TO 1120FT, THEN MINIMUM CLIMB OF 316 FT PER NM TO 8200.

LAPED TRANSITION, MINIMUM CLIMB OF 500 FT PER NM TO 1120FT, THEN MINIMUM CLIMB OF 316 FT PER NM TO 6000.

FLUEN/MENDOCINO TRANSITION: MINIMUM CLIMB OF 500 FT PER NM TO 1120FT, THEN MINIMUM CLIMB OF 316 FT PER NM TO 5800.



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RONHU	ONE	RONHU1.RONHU	NONE		13 NOV 2014

**TAKEOFF OBSTACLES NOTES:**

NOTE: RWY 33, POLES AND TREES BEGINNING 27 FT FROM DER, 391 FT RIGHT OF CENTERLINE, UP TO 30 FT AGL/645 FT MSL. ROAD WITH VEHICLES BEGINNING 124 FT FROM DER, 147 FT RIGHT OF CENTERLINE, UP TO 15 FT AGL/629 FT MSL. TREES AND POLES BEGINNING 461 FT FROM DER, 555 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/679 FT MSL. ROAD WITH VEHICLES BEGINNING 587 FT FROM DER, 313 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/637 FT MSL. TREES, POLES AND SIGNS BEGINNING 888 FT FROM DER, 506 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/709 FT MSL. BLDG 1003 FT FROM DER, 553 FT RIGHT OF CENTERLINE, 42 FT AGL/649 FT MSL. TOWER 5774 FT FROM DER, 1155 FT LEFT OF CENTERLINE, 124 FT AGL/770 FT MSL. TREES BEGINNING 5909 FT FROM DER, 1590 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/773 MSL.

**CONTROLLING OBSTACLES:**

RWY 33: 770 FT MSL TOWER 390848.41N/1231237.96W

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 33 - 3390 FT MSL TOWER 391922.48N-1231623.70W

**LOST COMMUNICATIONS PROCEDURES:****ADDITIONAL FLIGHT DATA:**

REFERENCE MAG VAR: KUKI 17E, EPOCH YR: 1980  
DME/DME ASSESSMENT: UNSAT

**AIRPORTS SERVED:**

UKIAH MUNI

UKIAH, CA

**COMMUNICATIONS:**

CTAF, ZOA ARTCC

**FIXES AND/OR NAVAIDS:**

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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
RONHU	ONE	RONHU1.RONHU	NONE		13 NOV 2014

**REMARKS:**

RWY 33 500 FT PER NM CLIMB GRADIENT IS BASED ON ATC REQUEST. 316 FT PER NM CLIMB GRADIENT FOR ALL TRANSITIONS ARE BASED ON CONTROLLING OBSTACLES AND TO MEET ATC CROSSING RESTRICTIONS. DME/DME/IRU SOLUTIONS NOT AVAILABLE DUE TO LACK OF COVERAGE.

**THIS IS A CORRECTED COPY OF A PROCEDURE PREVIOUSLY PUBLISHED IN  
NFDD 169. SEE CHANGE UNDER REASONS:**

**CHANGES:**

**REASONS:**

09/02/2014. THIS IS A CORRECTED COPY OF THE FORM DEVELOPED ON 12/9/2013.

1. CHANGES FIX URKYA TO URYKA ON THE 8215-C. ←

## DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code		Superseded Number		Dated	Effective Date		
RONHU	ONE	RONHU1.RONHU		NONE			13 NOV 2014		
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW33 (AER)	390712.02N/1231157.42W								
1120 MSL				VA	348.33				CG 500 FT/NM TO 1120
RONHU	391801.61N/1231257.15W	Y	FB	DF			AT/ABOVE 4000	AT/BELOW 230K	
RONHU	391801.61N/1231257.15W	Y	FB	IF			AT/ABOVE 4000		RONHU1.ENI
TRSAK	391948.77N/1232012.09W	Y	FB	TF	287.63	5.90	AT/ABOVE 5800		CG 316 FT/NM TO 5800
URYKA	390947.37N/1232317.30W	Y	FB	TF	193.48	10.30			
ENI VORTAC	390311.58N/1231627.58W	Y	FB	TF	141.08	8.47	AT/ABOVE 6000		
RONHU	391801.61N/1231257.15W	Y	FB	IF			AT/ABOVE 4000		RONHU1.FLUEN
TRSAK	391948.77N/1232012.09W	Y	FB	TF	287.63	5.90	AT/ABOVE 5800		CG 316 FT/NM TO 5800
FLUEN	393247.83N/1233342.25W	Y	FB	TF	321.19	16.67	AT/ABOVE 6700		
RONHU	391801.61N/1231257.15W	Y	FB	IF			AT/ABOVE 4000		RONHU1.LAPED
WAGUP	392014.67N/1230742.41W	Y	FB	TF	061.41	4.63	AT/ABOVE 5300		CG 316 FT/NM TO 6000
KAYAA	391417.64N/1230046.67W	Y	FB	TF	137.82	8.02	AT/ABOVE 6400		
LAPED	390342.14N/1224738.26W	Y	FB	TF	135.92	14.71	AT/ABOVE 6400		
RONHU	391801.61N/1231257.15W	Y	FB	IF			AT/ABOVE 4000		RONHU1.MENSE
WAGUP	392014.67N/1230742.41W	Y	FB	TF	061.41	4.63	AT/ABOVE 5300		CG 316 FT/NM TO 8200
MENSE	392704.07N/1225302.27W	Y	FB	TF	058.98	13.26	AT/ABOVE 9000		



DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
RONHU	ONE	RONHU1.RONHU	NONE		13 NOV 2014

[illegible]

QUALITY  
2  
CHECKED

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
RONHU	ONE	RONHU1.RONHU	NONE		13 NOV 2014

QUALITY  
2  
CHECKED

## DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
RONHU	ONE	RONHU1.RONHU	NONE		13 NOV 2014

## ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	RW33		010		VA		FB		331.3 ( )		AA 01120	
	RW33	RONHU	020		DF		FB	1.0			AA 04000	AB 230
	ENI	RONHU	010		IF		FB				AA 04000	
	ENI	TRSAK	020		TF		FB	1.0			AA 05800	AB 230
	ENI	URYKA	030		TF	L	FB	1.0				
	ENI	ENI	040		TF		FB	1.0			AA 06000	
	FLUEN	RONHU	010		IF		FB				AA 04000	
	FLUEN	TRSAK	020		TF		FB	1.0			AA 05800	AB 230
	FLUEN	FLUEN	030		TF		FB	1.0			AA 06700	
	LAPED	RONHU	010		IF		FB				AA 04000	
	LAPED	WAGUP	020		TF		FB	1.0			AA 05300	AB 230
	LAPED	KAYAA	030		TF		FB	1.0			AA 06400	
	LAPED	LAPED	040		TF		FB	1.0			AA 06400	
	MENSE	RONHU	010		IF		FB				AA 04000	
	MENSE	WAGUP	020		TF		FB	1.0			AA 05300	AB 230
	MENSE	MENSE	030		TF		FB	1.0			AA 09000	

## POINT DATA

WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
ENI	N390311.58	W1231627.58	N3903.193	W12316.460
FLUEN	N393247.92	W1233342.75	N3932.799	W12333.713
LAPED	N390342.14	W1224738.26	N3903.702	W12247.638
MENSE	N392704.07	W1225302.27	N3927.068	W12253.038
KAYAA	N391417.64	W1230046.67	N3914.294	W12300.778
RONHU	N391801.61	W1231257.15	N3918.027	W12312.953
TRSAK	N391948.77	W1232012.09	N3919.813	W12320.202
URYKA	N390947.37	W1232317.30	N3909.790	W12323.288
WAGUP	N392014.67	W1230742.41	N3920.245	W12307.707
RW33	N390712.02	W1231157.42	N3907.200	W12311.957

## RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW33	00605	50

QUALITY  
2  
CHECKED