

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>CITY, STATE</u>	<u>AIRPORT</u>	<u>EFFECTIVE DATE</u>	<u>AMDT NO</u>
ARCATA/EUREKA, CA	CALIFORNIA REDWOOD COAST-HUMBOLDT COUNTY	12 OCTOBER 2017	8

TAKEOFF MINIMUMS:

RWY 19, 32: STANDARD.
RWY 1: STANDARD WITH A MINIMUM CLIMB OF 360 FT PER NM TO 500 OR 1100-2 1/2 FOR VCOA.
RWY 14: 400-2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 382 FT PER NM TO 600.

TEXTUAL DEPARTURE PROCEDURES:

RWY 1, 32: CLIMBING LEFT TURN TO INTERCEPT ACV R-250 TO HOCUT INT AND CONTINUE CLIMB TO MEA ON V27.
RWY 14, 19: CLIMBING RIGHT TURN TO INTERCEPT ACV R-250 TO HOCUT INT AND CONTINUE CLIMB TO MEA ON V27.

VISUAL CLIMB OVER AIRPORT:

RWY 1: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS CALIFORNIA REDWOOD COAST-HUMBOLDT COUNTY AIRPORT WESTBOUND AT OR ABOVE 1200 TO INTERCEPT ACV R-250 TO HOCUT INT AND CONTINUE CLIMB TO MEA ON V27.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 01: RWY LTS 10 FT FROM DER, 54 FT LEFT AND RIGHT OF CENTERLINE, 1 FT AGL/209 FT MSL. FENCE BEGINNING 150 FT FROM DER, 397 FT RIGHT OF CENTERLINE, UP TO 9 FT AGL/217 FT MSL. TREE, FENCE, POLE BEGINNING 222 FT FROM DER, 158 FT RIGHT OF CENTERLINE, UP TO 260 FT MSL. TREE 276 FT FROM DER, 491 FT LEFT OF CENTERLINE, 245 FT MSL. TREES BEGINNING 310 FT FROM DER, 198 FT LEFT OF CENTERLINE, UP TO 248 FT MSL. TREE 383 FT FROM DER, 408 FT RIGHT OF CENTERLINE, 316 FT MSL. TREES BEGINNING 385 FT FROM DER, 0 FT LEFT OF CENTERLINE, UP TO 179 FT AGL/325 FT MSL. TREES BEGINNING 423 FT FROM DER, 11 FT LEFT OF CENTERLINE, UP TO 118 FT AGL/260 FT MSL. TREES BEGINNING 583 FT FROM DER, 6 FT LEFT OF CENTERLINE, UP TO 178 AGL/278 FT MSL. TREES BEGINNING 1922 FT FROM DER, 179 FT RIGHT OF CENTERLINE, UP TO 344 FT MSL. TREES BEGINNING 2291 FT FROM DER, 266 FT RIGHT OF CENTERLINE, UP TO 124 AGL/356 FT MSL. TREE 3390 FT FROM DER, 164 FT LEFT OF CENTERLINE, 150 FT AGL/335 FT MSL. TREES BEGINNING 3400 FT FROM DER, 108 FT LEFT OF CENTERLINE, UP TO 175 FT AGL/357 FT MSL. TREES BEGINNING 3478 FT FROM DER, 12 FT LEFT OF CENTERLINE, UP TO 187 FT AGL/364 FT MSL. TREE 3602 FT FROM DER, 725 FT RIGHT OF CENTERLINE, 358 FT MSL. TREES BEGINNING 3603 FT FROM DER, 1 FT RIGHT OF CENTERLINE, UP TO 177 FT AGL/365 FT MSL. TREES BEGINNING 3714 FT FROM DER, 34 FT LEFT OF CENTERLINE, UP TO 192 FT AGL/369 FT MSL. TREES BEGINNING 3722 FT FROM DER, 51 FT LEFT OF CENTERLINE, UP TO 197 FT AGL/372 FT MSL. TREES BEGINNING 3763 FT FROM DER, 1 FT LEFT OF CENTERLINE, UP TO 202 FT AGL/375 FT MSL. TREE 4016 FT FROM DER, 567 FT RIGHT OF CENTERLINE, 367 FT MSL. TREES BEGINNING 4017 FT FROM DER, 67 FT RIGHT OF CENTERLINE, UP TO 197 FT AGL/373 FT MSL. TREES BEGINNING 6044 FT FROM DER, 852 FT LEFT OF CENTERLINE, UP TO 163 FT AGL/379 FT MSL. TREE 1.1 NM FROM DER, 48 FT RIGHT OF CENTERLINE, 385 FT MSL. TREES BEGINNING 1.2 NM FROM DER, 1220 FT RIGHT OF CENTERLINE, UP TO 416 FT MSL. TREES BEGINNING 1.7 NM FROM DER, 2648 FT RIGHT OF CENTERLINE, UP TO 602 FT MSL. TREE 1.8 NM FROM DER, 3460 FT RIGHT OF CENTERLINE, 605 FT MSL.

NOTE: RWY 14: RWY LTS 9 FT FROM DER, 54 FT LEFT AND RIGHT OF CENTERLINE, 1 FT AGL/223 FT MSL. TREE 621 FT FROM DER, 591 FT LEFT OF CENTERLINE, 256 FT MSL. TREE, ANT, POLE, BEGINNING 733 FT FROM DER, 378 FT LEFT OF CENTERLINE, UP TO 262 FT MSL. TREE 1086 FT FROM DER, 716 FT RIGHT OF CENTERLINE, 277 FT MSL. TREES, BEGINNING 1110 FT FROM DER, 717 FT RIGHT OF CENTERLINE, UP TO 290 FT MSL. TREE 1701 FT FROM DER, 860 FT LEFT OF CENTERLINE, 283 FT MSL. TREES BEGINNING 1843 FT FROM DER, 875 FT LEFT OF CENTERLINE, UP TO 307 FT MSL. TREES, BEGINNING 2568 FT FROM DER, 801 FT LEFT OF CENTERLINE, UP TO 321 FT MSL. TREES, BEGINNING 3085 FT FROM DER, 565 FT LEFT OF CENTERLINE, UP TO 326 FT MSL. TREE 3807 FT FROM DER, 1202 FT LEFT OF CENTERLINE, 374 FT MSL. TREES, BEGINNING 3827 FT FROM DER, 794 FT LEFT OF CENTERLINE, UP TO 392 FT MSL. TREES, BEGINNING 4152 FT FROM DER, 813 FT LEFT OF CENTERLINE, UP TO 420 FT MSL. TREES, BEGINNING 4514 FT FROM DER, 1245 FT LEFT OF CENTERLINE, UP TO 443 FT MSL. TREES, BEGINNING 4707 FT FROM DER, 880 FT LEFT OF CENTERLINE, UP TO 446 FT MSL. TREES, BEGINNING 5176 FT FROM DER, 1028 FT LEFT OF CENTERLINE, UP TO 447 FT MSL. TREES, BEGINNING 5712 FT FROM DER, 1337 FT LEFT OF CENTERLINE, UP TO 467 FT MSL. TREES, BEGINNING 1.1 NM FROM DER, 1618 FT LEFT OF CENTERLINE, UP TO 515 FT MSL. TREES, BEGINNING 1.2 NM FROM DER, 1929 FT LEFT OF CENTERLINE, UP TO 565 FT MSL. TREE 1.7 NM FROM DER, 3238 FT LEFT OF CENTERLINE, 568 FT MSL. TREES BEGINNING 1.8 NM FROM DER, 1864 FT LEFT OF CENTERLINE, UP TO 588 FT MSL.

NOTE: RWY 19: RWY LTS 9 FT FROM DER, 55 FT LEFT AND RIGHT OF CENTERLINE, 189 FT MSL. VEGETATION 15 FT FROM DER, 270 FT RIGHT OF CENTERLINE, 191 FT MSL. TREE 776 FT FROM DER, 696 FT RIGHT OF CENTERLINE, 77 FT AGL/215 FT MSL.

NOTE: RWY 32: FENCE, BEGINNING 91 FT FROM DER, 476 FT RIGHT OF CENTERLINE, UP TO 196 FT MSL. FENCE 132 FT FROM DER, 221 FT LEFT OF CENTERLINE, 8 FT AGL/188 FT MSL. TREE, FENCE, BUSH BEGINNING 183 FT FROM DER, 202 FT LEFT OF CENTERLINE, UP TO 195 FT MSL. FENCE, BEGINNING 268 FT FROM DER, 176 FT RIGHT OF CENTERLINE, UP TO 13 FT AGL/197 FT MSL. OBS LT DME, NAVAID, BEGINNING 580 FT FROM DER, 258 FT RIGHT OF CENTERLINE, UP TO 29 FT AGL/203 FT MSL. TREE 1022 FT FROM DER, 624 FT RIGHT OF CENTERLINE, 256 FT MSL. TREES, BEGINNING 1036 FT FROM DER, 448 FT RIGHT OF CENTERLINE, UP TO 267 FT MSL.



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CONTROLLING OBSTACLES:

RWY 1: 364 FT MSL TREE 405930.31N/1240558.33W.

RWY 14: 443 FT MSL TREE 405741.14N/1240526.55W (CG, CEILING, CLIMB TO ALTITUDE), 529 FT MSL TREE 405637.28N/1240438.14W (VISIBILITY).

RWY 1 (VCOA): 885 FT MSL TOWER 405738.60N/1240411.14W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

RWY 1, 14, 19, 32: 5089 FT MSL AAO 405230.00N/1234403.00W.

REMARKS:

UNABLE TO USE SEE AND AVOID ON RWY 1 DUE TO PENETRATIONS IN THE EXTENDED ICA THAT ARE STILL INSIDE THE TURN RADIUS TRAP.

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FLIGHT INSPECTED BY:	<i>Digitally signed by</i>	OFFICE SYMBOL:	DATE:
THOMAS MOLOKIE	DONALD H LANIER	FICO	3/2/2017
	Jun 19, 2017		

DEVELOPED BY:	<i>Digitally signed by</i>	OFFICE SYMBOL:	DATE:
ROBERT GRIM	ROBERT GRIM	AJV-5431	12/02/2016
	Dec 19, 2016		

APPROVED BY:	<i>Digitally signed by</i>	OFFICE SYMBOL:	DATE:
PAT MULQUEEN	DONALD H LANIER	AJV-5430	
	Jun 19, 2017		

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

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

OTHER:

ZSE, AMGR

CHANGES - REASONS:

- AIRPORT NAME CHANGE FROM ARCATA TO CALIFORNIA REDWOOD COAST - HUMBOLDT COUNTY - PER FPT AND AIRNAV DATABASE.
- UPDATED TAKEOFF OBSTACLE NOTES - NEW OBSTACLE SURVEY AND EVALUATION.
- TAKEOFF MINIMUMS RWY 1 MINIMUM CLIMB GRADIENT CHANGED FROM 355 FT PER NM TO 1100 TO 360 FT PER NM TO 500 - BASED ON NEW OBSTACLE DATA.
- TAKEOFF MINIMUMS RWY 14 CEILING AND VISIBILITY CHANGED FROM 500-2 1/8 TO 400-2 1/2, MINIMUM CLIMB GRADIENT CHANGED FROM 445 FT PER NM TO 900 TO 382 FT PER NM TO 600 - BASED ON NEW OBSTACLE DATA.
- CONTROLLING OBSTACLES RWY 1 CHANGED FROM 839 FT MSL AAO 410214.18N/1240515.19W. 799 FT MSL TREE 410018.18N/1240433.84W. 839 FT MSL TREE 410114.15N/1240440.37W TO 364 FT MSL TREE 405930.31N/1240558.33W. - PREVIOUS CONTROLLING OBSTACLE WAS A NON-SURVEYED TREE APPLIED TO THE RUNWAY SURVEYED AREA.
- CONTROLLING OBSTACLE RWY 14 CHANGED FROM 679 FT MSL TREE 405657.06N/1240431.35W. 639 FT MSL TREE 406721.20N/1240459.62W TO 443 FT MSL TREE 405741.14N/1240526.55W (CG, CEILING, CLIMB TO ALTITUDE), 529 FT MSL TREE 405637.28N/1240438.14W (VISIBILITY). -PREVIOUS CONTROLLING OBSTACLE WAS A NON-SURVEYED TREE APPLIED TO THE RUNWAY SURVEYED AREA.
- VCOA MINIMUMS CHANGED FROM 1000-2 1/2 AND CTA OF 1100 TO 1100-2 1/2 AND CTA OF 1200 - NEW CONTROLLING OBSTACLE.
- CONTROLLING OBSTACLE FOR VCOA CHANGED FROM 839 FT MSL TREE 410026.03N/1240409.64W TO 885 FEET MSL TOWER 405738.60N/1240411.14W - PREVIOUS CONTROLLING OBSTACLE WAS A NON-SURVEYED TREE APPLIED TO THE RWY SURVEYED AREA.

