

|   |                            |  |                 |   |       |  |        |       |         |        |       |                                     |        |     |         |
|---|----------------------------|--|-----------------|---|-------|--|--------|-------|---------|--------|-------|-------------------------------------|--------|-----|---------|
| <b>US DEPARTMENT OF TRANSPORTATION<br/>FEDERAL AVIATION ADMINISTRATION</b>  |                            | <b>RNAV - STANDARD<br/>INSTRUMENT APPROACH PROCEDURE<br/>TITLE 14 CFR PART 97.33</b> |                 | Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.  |       |  |        |       |         |        |       |                                     |        |     |         |
| <b>TERMINAL ROUTES</b>  |                            |  |                 | <b>MISSED APPROACH</b>  |       |  |        |       |         |        |       |                                     |        |     |         |
| <b>FROM</b>   | <b>TO</b>                  | <b>COURSE AND DISTANCE</b>   | <b>ALTITUDE</b> | LPV: DA<br>LNAV/VNAV: DA<br>LNAV: RW32<br><br>CLIMB TO 3000 DIRECT CULDU AND HOLD.<br><br>ADDITIONAL FLIGHT DATA:<br>HOLD NW, RT, 135.66 INBOUND.<br>CHART FAS OBST: 678 TREE 405716N/1240429W<br>FAS OBST: 639 AAO 405445N/1240256W<br>DISTANCE TO THLD FROM 200 HATH: 0.48 NM.<br>CHART VDP AT 1.99 MILES TO RW32*<br>*LNAV ONLY.<br>WAAS CHANNEL # 63108<br>REFERENCE PATH ID: W32A<br>699 AAO 405323N/1240330W<br>LTP HAE: 37.5 M |       |  |        |       |         |        |       |                                     |        |     |         |
| HOCUT   | VOMAC (FO)                 | 121.76 / 21.72   | 6000            |   |       |  |        |       |         |        |       |                                     |        |     |         |
| FOT VORTAC  | VOMAC (FO)                 | 065.16 / 14.37   | 6000            |   |       |  |        |       |         |        |       |                                     |        |     |         |
| YAGER (IAF)   | VOMAC (NOPT) (FB)          | 315.92 / 9.85  | 6000            |   |       |  |        |       |         |        |       |                                     |        |     |         |
| VOMAC (IF/IAF)  | JEBGA (FB)                 | 315.87 / 2.21  | 5300            |   |       |  |        |       |         |        |       |                                     |        |     |         |
| JEBGA   | SAWGU (FB)                 | 315.86 / 4.72  | 3800            |   |       |  |        |       |         |        |       |                                     |        |     |         |
| SAWGU   | VOLEW (FB)                 | 315.83 / 2.21  | 3100            |   |       |  |        |       |         |        |       |                                     |        |     |         |
| VOLEW (FAF)<br>(SEE FORM 8260-10)   | ZUVKU/6.40 NM TO RW32 (FB) | 315.81 / 2.49  |                 |   |       |  |        |       |         |        |       |                                     |        |     |         |
| 1. PT <u>      </u> SIDE OF COURSE <u>      </u> OUTBOUND <u>      </u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF)<br>2. HOLD SE VOMAC, LT, 315.87 INBOUND, 6000 FT. IN LIEU OF PT (IAF)<br>3. FAC: <u>315.81</u> FAF: <u>VOLEW</u> DIST FAF TO MAP: <u>8.89</u> THLD: <u>8.89</u><br>4. MIN. ALT: VOMAC 6000, JEBGA 5300, SAWGU 3800, VOLEW 3100, ZUVKU/6.40 NM TO RW32 2300*, (SEE FORM 8260-10)<br>5. DIST TO THLD FROM OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 150 HAT: <u>      </u> 100 HAT: <u>      </u> GS ANT: <u>      </u><br>6. MIN GS INCPT: <u>3100</u> GS ALT AT: <u>VOLEW 3100</u> OM: <u>      </u> MM: <u>      </u> IM: <u>      </u><br>7. GS ANGLE: <u>3.00</u> TCH: <u>47.2</u> 34:1 IS CLEAR<br>8. MSA FROM: <u>RW32 7200</u> |                            |  |                 | MAG VAR: 17E      EPOCH YEAR: 1985  |       |  |        |       |         |        |       |                                     |        |     |         |
| <b>MINIMUMS</b>   |                            |  |                 |   |       |  |        |       |         |        |       |                                     |        |     |         |
| TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT   |                            |  |                 | ALTERNATE: N A @  |       |  |        |       |         |        |       |                                     |        |     |         |
| CATEGORY =====>   | A                          |  |                 | B   |       |  | C      |       |         | D      |       |                                     | E      |     |         |
|   | DH/MDA                     | VIS  | HAT/HAA         | DH/MDA  | VIS   | HAT/HAA  | DH/MDA | VIS   | HAT/HAA | DH/MDA | VIS   | HAT/HAA                             | DH/MDA | VIS | HAT/HAA |
| LPV DA  | 421                        | 2400   | 200             | 421   | 2400  | 200  | 421    | 2400  | 200     | 421    | 2400  | 200                                 |        |     |         |
| LNAV/VNAV DA  | 962                        | 2 1/4  | 741             | 962   | 2 1/4 | 741  | 962    | 2 1/4 | 741     | 962    | 2 1/4 | 741                                 |        |     |         |
| LNAV MDA  | 900                        | 2400   | 679             | 900   | 2400  | 679  | 900    | 1 1/2 | 679     | 900    | 1 1/2 | 679                                 |        |     |         |
| CIRCLING  | 900                        | 1  | 678             | 900   | 1     | 678  | 900    | 2     | 678     | 900    | 2 1/4 | 678                                 |        |     |         |
| NOTES:<br>CHART NOTE: BARO-VNAV NA WHEN USING CRESCENT CITY ALTIMETER SETTING.<br>CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 42C (107F).<br>CHART NOTE: DME/DME RNP-0.3 NA.<br>CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CRESCENT CITY ALTIMETER SETTING AND (SEE FORM 8260-10)<br><div style="float: right; text-align: right;">           @ CAT A/B/C/D 800-2 1/4<br/>           @ NA WHEN LOCAL WEATHER NOT AVAILABLE.         </div>   |                            |  |                 |   |       |  |        |       |         |        |       |                                     |        |     |         |
| CITY AND STATE<br><br>ARCATA/EUREKA, CA   |                            | ELEVATION: 222      THRE: 221<br>AIRPORT NAME:<br><br>ARCATA                         |                 | FACILITY IDENTIFIER:<br>RNAV  |       | PROCEDURE NO./AMDT NO./EFFECTIVE DATE:<br>RNAV (GPS) RWY 32, AMDT 1A<br><br>28 JUNE 2012 |        |       |         |        |       | SUP:<br>AMDT: 1<br>DATED 02/09/2012 |        |     |         |



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
**RNAV - STANDARD**  
**INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33**

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LINE 4, (CONT.):

ULAMY/5.00 NM TO RW32 1860\*

TERMINAL ROUTES, (CONT.):

| FROM                  | TO                         | COURSE AND DISTANCE | ALTITUDE |
|-----------------------|----------------------------|---------------------|----------|
| ZUVKU/6.40 NM TO RW32 | ULAMY/5.00 NM TO RW32 (FB) | 315.80 / 1.40       |          |
| ULAMY/5.00 NM TO RW32 | RW32 (MAP) (FO)            | 315.78 / 5.00       |          |
| RW32 (MAP)            | 421 MSL                    | 315.78              |          |
| 421 MSL               | CULDU (FO)                 |                     | 3000     |

NOTES, (CONT.):

INCREASE ALL DA 135 FEET AND ALL MDA 140 FEET AND INCREASE LPV VISIBILITY ALL CATS TO RVR 3000, LNAV CAT B VISIBILITY TO RVR 4000, CATS C/D TO 1 7/8 MILE, CIRCLING CAT B VISIBILITY TO 1 1/4 MILE, CAT C TO 2 1/2 MILE, CAT D TO 2 3/4 MILE.

CHART NOTE: FOR INOPERATIVE MALSR INCREASE LNAV/VNAV VISIBILITY ALL CATS TO 2 3/4, LNAV CAT C/D VISIBILITY TO 1 7/8 MILE.

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING CRESCENT CITY ALTIMETER SETTING, INCREASE LPV VISIBILITY ALL CATS TO 1 1/8 MILE, LNAV/VNAV VISIBILITY ALL CATS TO 3 MILE, LNAV VISIBILITY ALL CATS TO 2 3/4 MILE.

CHART NOTE: CIRCLING NA E OF RWY 14-32

CHART NOTE: VDP NA WHEN USING CRESCENT CITY ALTIMETER SETTING

QUALITY  
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CITY AND STATE  
ARCATA/EUREKA, CA

ELEVATION: 222 THRE: 221  
 AIRPORT NAME:  
 ARCATA

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
 RNAV (GPS) RWY 32, AMDT 1A  
 28 JUNE 2012

SUP:  
 AMDT: 1  
 DATED: 02/09/2012

## U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

|  |               |
|--|---------------|
| OPERATION TYPE                           | 0             |
| SBAS SERVICE PROVIDER IDENTIFIER         | 0             |
| AIRPORT IDENTIFIER                       | KACV          |
| RUNWAY                                   | RW32          |
| APPROACH PERFORMANCE DESIGNATOR          | 0             |
| ROUTE INDICATOR                          |               |
| REFERENCE PATH DATA SELECTOR             | 0             |
| REFERENCE PATH IDENTIFIER (APPROACH ID)  | W32A          |
| LTP/FTP LATITUDE                         | 405815.6570N  |
| LTP/FTP LONGITUDE                        | 1240612.3390W |
| LTP/FTP ELLIPSOIDAL HEIGHT               | +00375        |
| FPAP LATITUDE                            | 405934.9200N  |
| FPAP LONGITUDE                           | 1240706.2200W |
| THRESHOLD CROSSING HEIGHT (TCH)          | 00047.2       |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F             |
| GLIDEPATH ANGLE (GPA)                    | 03.00         |
| COURSE WIDTH AT THRESHOLD                | 106.75        |
| LENGTH OFFSET                            | 0968          |
| HORIZONTAL ALERT LIMIT (HAL)             | 40.0          |
| VERTICAL ALERT LIMIT (VAL)               | 35.0          |

CRC REMAINDER

F0EBEBC4

ADDITIONAL PATH POINT RECORD INFORMATION

|                         |        |
|-------------------------|--------|
| ICAO CODE               | K2     |
| LTP ORTHOMETRIC HEIGHT  | +00675 |
| FPAP ORTHOMETRIC HEIGHT | +00675 |

QUALITY  
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|                                     |  |                                 |  |                   |
|-------------------------------------|--|---------------------------------|--|-------------------|
| CITY AND STATE<br>ARCATA/EUREKA, CA | ELEVATION: 222      THRE: 221<br>AIRPORT NAME:<br><br>ARCATA | FACILITY<br>IDENTIFIER:<br>RNAV | PROCEDURE NO./AMDT NO./EFFECTIVE DATE:<br>RNAV (GPS) RWY 32, AMDT 1A<br><br>28 JUNE 2012 | SUP:              |
|                                     |  |                                 |  | AMDT: 1           |
|                                     |  |                                 |  | DATED: 02/09/2012 |

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[illegible]

| SEGMENT | 1          | 2      | 3                  | 4       | 5                | 6        | 7 | 8            | 9 | 0     | 1          | 2    | 3 |
|---------|------------|--------|--------------------|---------|------------------|----------|---|--------------|---|-------|------------|------|---|
| SUSAP   | KACVK2FR32 | AFOT   | 010FOT             | K2D OV  | IF               |          |   |              |   | 18000 |            | A JS |   |
| SUSAP   | KACVK2FR32 | AFOT   | 020VOMACK2EA0EY    | 020TF   |                  | 06520144 |   | + 06000      |   |       |            | A JS |   |
| SUSAP   | KACVK2FR32 | AFOT   | 030VOMACK2EA0EE    | AL HF   |                  | 31590050 |   | + 06000      |   |       |            | A JS |   |
| SUSAP   | KACVK2FR32 | AHOCUT | 010HOCUTK2EA0E     | IF      |                  |          |   |              |   | 18000 |            | A JS |   |
| SUSAP   | KACVK2FR32 | AHOCUT | 020VOMACK2EA0EY    | 020TF   |                  | 12180217 |   | + 06000      |   |       |            | A JS |   |
| SUSAP   | KACVK2FR32 | AHOCUT | 030VOMACK2EA0EE    | AL HF   |                  | 31590050 |   | + 06000      |   |       |            | A JS |   |
| SUSAP   | KACVK2FR32 | AYAGER | 010YAGERK2EA0E     | A IF    |                  |          |   |              |   | 18000 |            | A JS |   |
| SUSAP   | KACVK2FR32 | AYAGER | 020VOMACK2EA0EE    | B 010TF |                  | 31590099 |   | + 06000      |   |       |            | A JS |   |
| SUSAP   | KACVK2FR32 | R      | 010VOMACK2EA0E     | I IF    |                  |          |   |              |   | 18000 |            | A JS |   |
| SUSAP   | KACVK2FR32 | R      | 011JEBGAK2EA0E     | S 051TF |                  | 31590022 |   | + 05300      |   |       |            | A JS |   |
| SUSAP   | KACVK2FR32 | R      | 012SAWGUK2EA0E     | S 051TF |                  | 31590047 |   | + 03800      |   |       |            | A JS |   |
| SUSAP   | KACVK2FR32 | R      | 020VOLEWK2EA1E     | F 051TF |                  | 31580022 |   | + 03100      |   |       | RW32 K2PGA | JS   |   |
| SUSAP   | KACVK2FR32 | R      | 020VOLEWK2EA2WALPV |         | ALNAV/VNAV ALNAV |          |   |              |   |       |            | JS   |   |
| SUSAP   | KACVK2FR32 | R      | 021ZUVKUK2EA0E     | S 031TF |                  | 31580025 |   | V 0230002307 |   | -300  |            | A JS |   |
| SUSAP   | KACVK2FR32 | R      | 022ULAMYK2EA0E     | S 031TF |                  | 31580014 |   | V 0186001861 |   | -300  |            | A JS |   |
| SUSAP   | KACVK2FR32 | R      | 030RW32 K2PG0GY    | M 031TF |                  | 31580050 |   | 00269        |   | -300  |            | A JS |   |
| SUSAP   | KACVK2FR32 | R      | 040                | 0 M     | CA               | 3158     |   | + 00421      |   |       |            | A JS |   |
| SUSAP   | KACVK2FR32 | R      | 050CULDUK2EA0EY    | DF      |                  |          |   | + 03000      |   |       |            | A JS |   |

QUALITY  
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QUALITY  
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CHECKER

|  |                             |                  |                      |  |                          |
|--|-----------------------------|------------------|----------------------|--|--------------------------|
| CITY AND STATE<br><b>ARCATA/EUREKA, CA</b> | ELEVATION: <b>222</b>       | THRE: <b>221</b> | FACILITY IDENTIFIER: | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: | SUP:                     |
|  | AIRPORT NAME: <b>ARCATA</b> |                  | <b>RNAV</b>          | <b>RNAV (GPS) RWY 32, AMDT 1A</b>          | AMDT: <b>1</b>           |
|  |                             |                  |                      | <b>28 JUNE 2012</b>                        | DATED: <b>02/09/2012</b> |

**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**FLIGHT STANDARDS SERVICES - FAR PART 97.33**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

| ROUTES | TRANSITION | FIX   | SEQ | USE  | PATH | TURN | FO/FB | RNP | MAG (TRUE)     | DISTANCE | ALTITUDE          | SPEED |
|--------|------------|-------|-----|------|------|------|-------|-----|----------------|----------|-------------------|-------|
|        | FOT        | FOT   | 010 |      | IF   |      | FB    |     |                |          |                   |       |
|        | FOT        | VOMAC | 020 |      | TF   |      | FO    | 2.0 | 065.2 (082.2T) | 014.4    | AA 06000          |       |
|        | FOT        | VOMAC | 030 | IAF  | HF   | L    | FO    |     | 315.9 (332.9T) | 005.0    | AA 06000          |       |
|        | HOCUT      | HOCUT | 010 |      | IF   |      | FB    |     |                |          |                   |       |
|        | HOCUT      | VOMAC | 020 |      | TF   |      | FO    | 2.0 | 121.8 (138.8T) | 021.7    | AA 06000          |       |
|        | HOCUT      | VOMAC | 030 | IAF  | HF   | L    | FO    |     | 315.9 (332.9T) | 005.0    | AA 06000          |       |
|        | YAGER      | YAGER | 010 | IAF  | IF   |      | FB    |     |                |          |                   |       |
|        | YAGER      | VOMAC | 020 |      | TF   |      | FB    | 1.0 | 315.9 (332.9T) | 009.9    | AA 06000          |       |
|        |            | VOMAC | 010 | FACF | IF   |      | FB    |     |                |          | AA 06000          |       |
|        |            | JEBGA | 011 | SDF  | TF   |      | FB    | 0.5 | 315.9 (332.9T) | 002.2    | AA 05300          |       |
|        |            | SAWGU | 012 | SDF  | TF   |      | FB    | 0.5 | 315.9 (332.9T) | 004.7    | AA 03800          |       |
|        |            | VOLEW | 020 | FAF  | TF   |      | FB    | 0.5 | 315.8 (332.8T) | 002.2    | AA 03100          |       |
|        |            | ZUVKU | 021 | SDF  | TF   |      | FB    | 0.3 | 315.8 (332.8T) | 002.5    | AA 02300 GS 02307 |       |
|        |            | ULAMY | 022 | SDF  | TF   |      | FB    | 0.3 | 315.8 (332.8T) | 001.4    | AA 01860 GS 01861 |       |
|        |            | RW32  | 030 | MAP  | TF   |      | FO    | 0.3 | 315.8 (332.8T) | 005.0    | AT 00269          |       |

| MISSED APPROACH | FIX   | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG (TRUE)     | DISTANCE | ALTITUDE | SPEED |
|-----------------|-------|-----|-----|------|------|-------|-----|----------------|----------|----------|-------|
|                 |       | 040 |     | CA   |      | FB    |     | 315.8 (332.8T) |          | AA 00421 |       |
|                 | CULDU | 050 |     | DF   |      | FO    |     |                |          | AA 03000 |       |
|                 | CULDU | 060 |     | HM   | R    | FO    |     | 135.7 (152.7T) | 004.0    | AA 03000 |       |

| POINT DATA | WAYPOINT | LAT IN SECS | LONG IN SECS | LAT IN MINS | LONG IN MINS |
|------------|----------|-------------|--------------|-------------|--------------|
|            | FOT      | N404016.58  | W1241404.34  | N4040.276   | W12414.072   |
|            | CULDU    | N411002.29  | W1241414.21  | N4110.038   | W12414.237   |
|            | HOCUT    | N405834.65  | W1241410.41  | N4058.578   | W12414.174   |
|            | JEBGA    | N404410.82  | W1235640.58  | N4044.180   | W12356.676   |
|            | SAWGU    | N404822.95  | W1235930.73  | N4048.383   | W12359.512   |
|            | ULAMY    | N405348.75  | W1240311.20  | N4053.813   | W12403.187   |
|            | VOLEW    | N405020.98  | W1240050.52  | N4050.350   | W12400.842   |
|            | VOMAC    | N404212.74  | W1235521.03  | N4042.212   | W12355.351   |
|            | YAGER    | N403326.49  | W1234927.45  | N4033.442   | W12349.458   |
|            | ZUVKU    | N405234.00  | W1240220.56  | N4052.567   | W12402.343   |
|            | RW32     | N405815.66  | W1240612.34  | N4058.261   | W12406.206   |

| RUNWAY DATA | RWY  | THRESHOLD ELEVATION | TCH |
|-------------|------|---------------------|-----|
|             | RW32 | 00221               | 47  |

QUALITY  
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|  |                       |                  |                      |  |                          |
|--|-----------------------|------------------|----------------------|--|--------------------------|
| CITY AND STATE<br><b>ARCATA/EUREKA, CA</b> | ELEVATION: <b>222</b> | THRE: <b>221</b> | FACILITY IDENTIFIER: | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: | SUP:                     |
|  | AIRPORT NAME:         | <b>ARCATA</b>    | <b>RNAV</b>          | <b>RNAV (GPS) RWY 32, AMDT 1A</b>          | AMDT: <b>1</b>           |
|  |                       |                  |                      | <b>28 JUNE 2012</b>                        | DATED: <b>02/09/2012</b> |