

US DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

**RNAV - STANDARD  
INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR 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.

| TERMINAL ROUTES |                   |                     |          | MISSED APPROACH                        |
|-----------------|-------------------|---------------------|----------|--|
| FROM            | TO                | COURSE AND DISTANCE | ALTITUDE |  |
| USODE (IAF)     | OXAXE (NOPT) (FB) | 316.53 / 8.49       | 2500     | LPV: DA<br>LNAV/VNAV: DA<br>LNAV: RW25 |
| KUYET (IAF)     | OXAXE (NOPT) (FB) | 176.44 / 8.49       | 2500     |  |
| OXAXE (IF/IAF)  | HERGO (FB)        | 246.46 / 6.76       | 2100     | CLIMB TO 3000 DIRECT VIXLY AND HOLD.   |
| HERGO (FAF)     | RW25 (MAP) (FO)   | 246.39 / 4.90       |          |  |
| RW25 (MAP)      | 744 MSL           | 246.39              |          |  |
| 744 MSL         | VIXLY (FO)        |                     | 3000     |  |

**ADDITIONAL FLIGHT DATA:**  
HOLD SW, RT, 066.22 INBOUND.  
CHART FAS OBST: 641 SIGN 333954N/0814028W  
CHART FAS OBST: 738 TWR 334049N/0813904W  
DISTANCE TO THLD FROM 250 HATH: 0.64 NM.  
CHART VDP AT 1.32 MILES TO RW25\*  
\*LNAV ONLY.  
WAAS CHANNEL # 50301  
REFERENCE PATH ID: W25A  
LTP HAE: 119.9 M

1. PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
2. HOLD NE OXAXE, RT, 246.46 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
3. FAC: 246.39 FAF: HERGO DIST FAF TO MAP: 4.90 THLD: 4.90
4. MIN. ALT: OXAXE 2500, HERGO 2100
5. DIST TO THLD FROM OM:        M:M:        IM:        150 HAT:        100 HAT:        GS ANT:
6. MIN GS INCPT: 2100 GS ALT AT: HERGO 2100 OM:        MM:        IM:
7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 6W EPOCH YEAR: 2010

**MINIMUMS**

| TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT |        |     |         |        |     |         | ALTERNATE: N A X |       |         |        |       |         |        |     |         |
|---|--------|-----|---------|--------|-----|---------|------------------|-------|---------|--------|-------|---------|--------|-----|---------|
| 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  | 744    | 3/4 | 250     | 744    | 3/4 | 250     | 744              | 3/4   | 250     | 744    | 3/4   | 250     |        |     |         |
| LNAV/VNAV DA                                    | 802    | 7/8 | 308     | 802    | 7/8 | 308     | 802              | 7/8   | 308     | 802    | 7/8   | 308     |        |     |         |
| LNAV MDA  | 940    | 3/4 | 446     | 940    | 3/4 | 446     | 940              | 1 1/8 | 446     | 940    | 1 1/8 | 446     |        |     |         |
| CIRCLING  | 980    | 1   | 451     | 1000   | 1   | 471     | 1000             | 1 1/2 | 471     | 1080   | 2     | 551     |        |     |         |

**NOTES:**  
CHART NOTE: BARO-VNAV NA WHEN USING AUGUSTA RGNL AT BUSH FIELD ALTIMETER SETTING.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 40C (104F).  
CHART NOTE: DME/DME RNP-0.3 NA.  
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.  
(SEE FORM 8260-10)



|                                    |  |                              |   |   |
|------------------------------------|--|------------------------------|---|---|
| CITY AND STATE<br><b>AIKEN, SC</b> | ELEVATION: 529 THRE: 494<br>AIRPORT NAME:<br><b>AIKEN MUNI</b> | FACILITY IDENTIFIER:<br>RNAV | PROCEDURE NO./AMDT NO./EFFECTIVE DATE:<br>RNAV (GPS) RWY 25, AMDT 1A<br>31 MAY 2012 | SUP:<br>AMDT: <b>1</b><br>DATED <b>02/09/2012</b> |
|------------------------------------|--|------------------------------|---|---|

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**NOTES, (CONT.):**

**CHART PROFILE NOTE: VGS1 AND RNAV GLIDEPATH NOT COINCIDENT.**

**CHART NOTE: VDP NA WITH AUGUSTA RGNL AT BUSH FIELD ALTIMETER SETTING.**

**CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AUGUSTA RGNL AT BUSH FIELD ALTIMETER**

**SETTING AND INCREASE ALL DA 104 FEET AND ALL MDA 120 FEET; INCREASE LPV ALL CATS VISIBILITY 1/4**

**MILE, LNAV/VNAV ALL CATS AND LNAV CATS C AND D 3/8 MILE AND CIRCLING CAT C 1/8 MILE AND CAT D**

**1/4 MILE.**

**CHART NOTE: FOR INOPERATIVE ODALS, INCREASE LNAV/VNAV ALL CATS TO 1 MILE AND LNAV CAT D TO 1 3/8**

**MILE.**

**CHART NOTE: FOR INOPERATIVE ODALS WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AUGUSTA RGNL AT**

**BUSH FIELD ALTIMETER SETTING AND INCREASE VISIBILITIES LPV ALL CATS TO 1 1/8 MILE, LNAV/VNAV ALL**

**CATS TO 1 3/8 MILE AND LNAV CATS C AND D TO 1 5/8 MILE.**

**TAA**

|    | <u>FROM</u>             | <u>TO</u>           | <u>ALT</u> |
|----|-------------------------|---------------------|------------|
| 1. | 176/30 CW 317/30 (NOPT) | OXAXE (IF/IAF) (FB) | 2500       |
| 2. | 317/30 CW 066/30        | 317/20 CW 066/20    | 3000       |
| 3. | 317/20 CW 066/20        | USODE (IAF) (FB)    | 2500       |
| 4. | 066/30 CW 176/30        | KUYET (IAF) (FB)    | 2500       |

QUALITY  
1  
CHECKED

|                                    |                                    |           |                                     |  |                          |  |
|------------------------------------|------------------------------------|-----------|-------------------------------------|--|--------------------------|--|
| CITY AND STATE<br><b>AIKEN, SC</b> | ELEVATION: 529                     | THRE: 494 | FACILITY IDENTIFIER:<br><b>RNAV</b> | PROCEDURE NO./AMDT NO./EFFECTIVE DATE:<br><b>RNAV (GPS) RWY 25, AMDT 1A</b><br>31 MAY 2012 | SUP:                     |  |
|                                    | AIRPORT NAME:<br><b>AIKEN MUNI</b> |           |                                     |  | AMDT: <b>1</b>           |  |
|                                    |                                    |           |                                     |  | DATED: <b>02/09/2012</b> |  |

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

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**FAS DATA BLOCK INFORMATION**

| <u>DATA FIELD</u>                        | <u>DATA</u>   |
|--|---------------|
| OPERATION TYPE                           | 0             |
| SBAS SERVICE PROVIDER IDENTIFIER         | 0             |
| AIRPORT IDENTIFIER                       | KAIK          |
| RUNWAY                                   | RW25          |
| APPROACH PERFORMANCE DESIGNATOR          | 0             |
| ROUTE INDICATOR                          | 0             |
| REFERENCE PATH DATA SELECTOR             | 0             |
| REFERENCE PATH IDENTIFIER (APPROACH ID)  | W25A          |
| LTP/FTP LATITUDE                         | 333912.7875N  |
| LTP/FTP LONGITUDE                        | 0814048.2870W |
| LTP/FTP ELLIPSOIDAL HEIGHT               | +01199        |
| FPAP LATITUDE                            | 333828.6100N  |
| FPAP LONGITUDE                           | 0814221.0200W |
| THRESHOLD CROSSING HEIGHT (TCH)          | 00045.0       |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F             |
| GLIDEPATH ANGLE (GPA)                    | 03.00         |
| COURSE WIDTH AT THRESHOLD                | 106.75        |
| LENGTH OFFSET                            | 1072          |
| HORIZONTAL ALERT LIMIT (HAL)             | 40.0          |
| VERTICAL ALERT LIMIT (VAL)               | 50.0          |

CRC REMAINDER 1C48A172

**ADDITIONAL PATH POINT RECORD INFORMATION**

|                         |        |
|-------------------------|--------|
| ICAO CODE               | K7     |
| LTP ORTHOMETRIC HEIGHT  | +01504 |
| FPAP ORTHOMETRIC HEIGHT | +01504 |



|                                    |  |                                     |  |                   |
|------------------------------------|--|-------------------------------------|--|-------------------|
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|                                    | AIRPORT NAME:<br><br><b>AIKEN MUNI</b> |                                     |  | AMDT: 1           |
|                                    |  |                                     |  | DATED: 02/09/2012 |



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

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ARINC SUMMARY - 424-18 - RNAV (GPS)

| ROUTES | TRANSITION | FIX   | SEQ | USE  | PATH | TURN | FO/FB | RNP | MAG (TRUE)     | DISTANCE | ALTITUDE | SPEED |
|--------|------------|-------|-----|------|------|------|-------|-----|----------------|----------|----------|-------|
|        | KUYET      | KUYET | 010 | IAF  | IF   |      | FB    |     |                |          |          |       |
|        | KUYET      | OXAXE | 020 |      | TF   |      | FB    | 1.0 | 176.4 (170.4T) | 008.5    | AA 02500 |       |
|        | OXAXE      | OXAXE | 010 | IAF  | HF   | R    | FO    |     | 246.5 (240.5T) | 004.0    | AA 02500 |       |
|        | USODE      | USODE | 010 | IAF  | IF   |      | FB    |     |                |          |          |       |
|        | USODE      | OXAXE | 020 |      | TF   |      | FB    | 1.0 | 316.5 (310.5T) | 008.5    | AA 02500 |       |
|        |            | OXAXE | 010 | FACF | IF   |      | FB    |     |                |          | AA 02500 |       |
|        |            | HERGO | 020 | FAF  | TF   |      | FB    | 0.5 | 246.5 (240.5T) | 006.8    | AA 02100 |       |
|        |            | RW25  | 030 | MAP  | TF   |      | FO    | 0.3 | 246.4 (240.4T) | 004.9    | AT 00539 |       |

| MISSED APPROACH | FIX   | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG (TRUE)     | DISTANCE | ALTITUDE | SPEED |
|-----------------|-------|-----|-----|------|------|-------|-----|----------------|----------|----------|-------|
|                 |       | 040 |     | CA   |      | FB    |     | 246.4 (240.4T) |          | AA 00744 |       |
|                 | VIXLY | 050 |     | DF   |      | FO    |     |                |          | AA 03000 |       |
|                 | VIXLY | 060 |     | HM   | R    | FO    |     | 066.2 (060.2T) | 004.0    | AA 03000 |       |

| POINT DATA | WAYPOINT | LAT IN SECS | LONG IN SECS | LAT IN MINS | LONG IN MINS |
|------------|----------|-------------|--------------|-------------|--------------|
|            | HERGO    | N334138.54  | W0813541.88  | N3341.642   | W08135.698   |
|            | KUYET    | N335322.66  | W0813020.19  | N3353.378   | W08130.337   |
|            | OXAXE    | N334459.22  | W0812838.74  | N3344.987   | W08128.646   |
|            | USODE    | N333927.69  | W0812054.24  | N3339.462   | W08120.904   |
|            | VIXLY    | N333301.04  | W0815346.47  | N3333.017   | W08153.775   |
|            | RW25     | N333912.79  | W0814048.29  | N3339.213   | W08140.805   |

| RUNWAY DATA | RWY  | THRESHOLD ELEVATION | TCH |
|-------------|------|---------------------|-----|
|             | RW25 | 00494               | 45  |

QUALITY  
CHECKED

|                                    |                                    |                  |                      |  |                          |
|------------------------------------|------------------------------------|------------------|----------------------|--|--------------------------|
| CITY AND STATE<br><b>AIKEN, SC</b> | ELEVATION: <b>529</b>              | THRE: <b>494</b> | FACILITY IDENTIFIER: | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: | SUP:                     |
|                                    | AIRPORT NAME:<br><b>AIKEN MUNI</b> |                  | <b>RNAV</b>          | <b>RNAV (GPS) RWY 25, AMDT 1A</b>          | AMDT: <b>1</b>           |
|                                    |                                    |                  |                      | <b>31 MAY 2012</b>                         | DATED: <b>02/09/2012</b> |