

**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 |  |
| TAMPI              | NIBGE (FO)        | 071.74 / 11.23      | 4300     | LPV: DA<br>LNAV/VNAV: DA<br>LNAV: RW23   |
| WHINS              | NIBGE (FO)        | 024.23 / 14.20      | 4300     |  |
| FARLI (IAF)        | NIBGE (NOPT) (FB) | 216.27 / 10.77      | 4300     | CLIMB TO 5000 DIRECT SIQCU AND ON TRACK 299.31 TO MALIN AND HOLD.  |
| OTWAY (IAF)        | NIBGE (NOPT) (FB) | 295.99 / 15.98      | 4300     |  |
| NIBGE (IF/IAF)     | WINRI (FB)        | 233.54 / 6.30       | 3200     | ADDITIONAL FLIGHT DATA:<br>HOLD E, RT, 270.00 INBOUND.<br>CHART FAS OBST: 2099 TWR 361338N/0831953W<br>DISTANCE TO THLD FROM 297 HATH: 0.80 NM.<br>WAAS CHANNEL # 40421<br>REFERENCE PATH ID: W23A<br>LTP HAE: 357.4 M |
| WINRI (FAF)        | RW23 (MAP) (FO)   | 233.48 / 5.92       |          |  |
| RW23 (MAP)         | 1571 MSL          | 233.48              |          |  |
| (SEE FORM 8260-10) |                   |                     |          |  |

1. PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
2. HOLD NE NIBGE, RT, 233.54 INBOUND, 4300 FT. IN LIEU OF PT (IAF)
3. FAC: 233.48 FAF: WINRI DIST FAF TO MAP: 5.92 THLD: 5.92
4. MIN. ALT: NIBGE 4300, WINRI 3200
5. DIST TO THLD FROM OM:        MM:        IM:        150 HAT:        100 HAT:        GS ANT:
6. MIN GS INCPT: 3200 GS ALT AT: WINRI 3200 OM:        MM:        IM:
7. GS ANGLE: 3.00 TCH: 41.1 34:1 IS NOT CLEAR
8. MSA FROM: RW23 7600

MAG VAR: 4W EPOCH YEAR: 1990

| MINIMUMS  |        |       |         |        |       |         |        |       |         |        |       |              |        |     |         |
|---|--------|-------|---------|--------|-------|---------|--------|-------|---------|--------|-------|--------------|--------|-----|---------|
| TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT |        |       |         |        |       |         |        |       |         |        |       | ALTERNATE: N |        | X   |         |
| CATEGORY ==>                                    | A      |       |         | B      |       |         | C      |       |         | D      |       |              | E      |     |         |
|   | DH/MDA | VIS   | HAT/HAA      | DH/MDA | VIS | HAT/HAA |
| LPV DA  | 1571   | 1     | 297     | 1571   | 1     | 297     | 1571   | 1     | 297     | 1571   | 1     | 297          |        |     |         |
| LNAV/VNAV DA                                    | 2369   | 4     | 1095    | 2369   | 4     | 1095    | 2369   | 4     | 1095    | 2369   | 4     | 1095         |        |     |         |
| LNAV MDA  | 2200   | 1 1/4 | 926     | 2200   | 1 1/4 | 926     | 2200   | 2 1/2 | 926     | 2200   | 2 1/2 | 926          |        |     |         |
| CIRCLING  | 2200   | 1 1/4 | 887     | 2200   | 1 1/4 | 887     | 2200   | 2 3/4 | 887     | 2200   | 3     | 887          |        |     |         |

NOTES:  
 CHART NOTE: BARO-VNAV NA WHEN USING MC GHEE TYSON ALTIMETER SETTING.  
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 35C (95F).  
 CHART NOTE: DME/DME RNP-0.3 NA.  
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.  
 (SEE FORM 8260-10)



|                                  |  |                              |  |                             |
|----------------------------------|--|------------------------------|--|-----------------------------|
| CITY AND STATE<br>MORRISTOWN, TN | ELEVATION: 1313 THRE: 1274<br>AIRPORT NAME:<br>MOORE-MURRELL | FACILITY IDENTIFIER:<br>RNAV | PROCEDURE NO./AMDT NO./EFFECTIVE DATE:<br>RNAV (GPS) RWY 23, ORIG<br>30 JUN 2011 | SUP:<br>AMDT: NONE<br>DATED |
|----------------------------------|--|------------------------------|--|-----------------------------|

**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, (CONT.):**

| <u>FROM</u> | <u>TO</u>  | <u>COURSE AND DISTANCE</u> | <u>ALTITUDE</u> |
|-------------|------------|----------------------------|-----------------|
| 1571 MSL    | SIQCU (FB) |                            |                 |
| SIQCU       | MALIN (FO) | 299.31/15.51               | 5000            |

**NOTES, (CONT.):**

CHART NOTE: WHEN VGS1 INOP, STRAIGHT-IN/CIRCLING RWY 23 PROCEDURE NA AT NIGHT.  
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MC GHEE TYSON ALTIMETER SETTING AND INCREASE ALL DA 133 FT AND ALL MDA 140 FT, INCREASE LPV ALL CATS VISIBILITY TO 1 1/2 MILES, LNAV/VNAV ALL CATS VISIBILITY TO 5 MILES, LNAV AND CIRCLING CAT B VISIBILITY TO 1 1/2 MILES AND LNAV CATS C AND D AND CIRCLING CAT C VISIBILITY TO 3 MILES.



|                                  |                                 |                              |   |            |
|----------------------------------|---------------------------------|------------------------------|---|------------|
| CITY AND STATE<br>MORRISTOWN, TN | ELEVATION: 1313      THRE: 1274 | FACILITY IDENTIFIER:<br>RNAV | PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:<br>RNAV (GPS) RWY 23, ORIG<br>30 JUN 2011 | SUP:       |
|                                  | AIRPORT NAME:<br>MOORE-MURRELL  |                              |   | AMDT: NONE |
|                                  |                                 |                              |   | DATED:     |

**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - 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.

**FAS DATA BLOCK INFORMATION**

| <u>DATA FIELD</u>                        | <u>DATA</u>   |
|--|---------------|
| OPERATION TYPE                           | 0             |
| SBAS SERVICE PROVIDER IDENTIFIER         | 0             |
| AIRPORT IDENTIFIER                       | KMOR          |
| RUNWAY                                   | RW23          |
| APPROACH PERFORMANCE DESIGNATOR          | 0             |
| ROUTE INDICATOR                          |               |
| REFERENCE PATH DATA SELECTOR             | 0             |
| REFERENCE PATH IDENTIFIER (APPROACH ID)  | W23A          |
| LTP/FTP LATITUDE                         | 361104.1610N  |
| LTP/FTP LONGITUDE                        | 0832205.1420W |
| LTP/FTP ELLIPSOIDAL HEIGHT               | +03574        |
| FPAP LATITUDE                            | 361006.1200N  |
| FPAP LONGITUDE                           | 0832328.7300W |
| THRESHOLD CROSSING HEIGHT (TCH)          | 00041.1       |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F             |
| GLIDEPATH ANGLE (GPA)                    | 03.00         |
| COURSE WIDTH AT THRESHOLD                | 106.75        |
| LENGTH OFFSET                            | 1008          |
| HORIZONTAL ALERT LIMIT (HAL)             | 40.0          |
| VERTICAL ALERT LIMIT (VAL)               | 50.0          |

**CRC REMAINDER** BA140089

**ADDITIONAL PATH POINT RECORD INFORMATION**

|                         |        |
|-------------------------|--------|
| ICAO CODE               | K7     |
| LTP ORTHOMETRIC HEIGHT  | +03884 |
| FPAP ORTHOMETRIC HEIGHT | +03884 |



|                                  |                                 |                              |   |            |
|----------------------------------|---------------------------------|------------------------------|---|------------|
| CITY AND STATE<br>MORRISTOWN, TN | ELEVATION: 1313      THRE: 1274 | FACILITY IDENTIFIER:<br>RNAV | PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:<br>RNAV (GPS) RWY 23, ORIG<br>30 JUN 2011 | SUP:       |
|                                  | AIRPORT NAME:<br>MOORE-MURRELL  |                              |   | AMDT: NONE |
|                                  |                                 |                              |   | DATED:     |

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - 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 PACKET - 424-18 - RNAV (GPS)

| WP        | 1     | 2   | 3 | 4 | 5                   | 6 | 7 | 8     | 9   | 0     | 1 | 2 | 3 |
|-----------|-------|-----|---|---|---------------------|---|---|-------|-----|-------|---|---|---|
| SUSAEENRT | FARLI | K70 | R | L | N36280823W083032921 |   |   | W0061 | NAR | FARLI |   |   |   |
| SUSAEENRT | MALIN | K70 | R | L | N36131762W083454420 |   |   | W0055 | NAR | MALIN |   |   |   |
| SUSAEENRT | NIBGE | K70 | W |   | N36190114W083103598 |   |   | W0059 | NAR | NIBGE |   |   |   |
| SUSAEENRT | OTWAY | K70 | R | L | N36130306W082521586 |   |   | W0061 | NAR | OTWAY |   |   |   |
| SUSAEENRT | SIQCU | K70 | W |   | N36064043W083282448 |   |   | W0057 | NAR | SIQCU |   |   |   |
| SUSAEENRT | TAMPI | K70 | C | L | N36144620W083232761 |   |   | W0058 | NAR | TAMPI |   |   |   |
| SUSAEENRT | WHINS | K70 | R | L | N36054054W083164060 |   |   | W0058 | NAR | WHINS |   |   |   |
| SUSAEENRT | WINRI | K70 | W |   | N36145527W083163171 |   |   | W0059 | NAR | WINRI |   |   |   |

| AIRPORT          | 1 | 2 | 3                                  | 4 | 5 | 6 | 7 | 8           | 9    | 0             | 1 | 2 | 3 |
|------------------|---|---|------------------------------------|---|---|---|---|-------------|------|---------------|---|---|---|
| SUSAP KMORK7AMOR |   | 0 | 057YHN36104580W083223160W004001313 |   |   |   |   | 1800018000C | MNAR | MOORE-MURRELL |   |   |   |

| SEGMENT          | 1      | 2                  | 3       | 4     | 5          | 6     | 7        | 8 | 9       | 0     | 1    | 2     | 3  |    |
|------------------|--------|--------------------|---------|-------|------------|-------|----------|---|---------|-------|------|-------|----|----|
| SUSAP KMORK7FR23 | AFARLI | 010FARLIK7EA0E     | A       | IF    |            |       |          |   |         | 18000 |      | A     | JS |    |
| SUSAP KMORK7FR23 | AFARLI | 020NIBGEK7EA0EE    | B       | 010TF |            |       | 21630108 |   | + 04300 |       |      | A     | JS |    |
| SUSAP KMORK7FR23 | AOTWAY | 010OTWAYK7EA0E     | A       | IF    |            |       |          |   |         | 18000 |      | A     | JS |    |
| SUSAP KMORK7FR23 | AOTWAY | 020NIBGEK7EA0EE    | B       | 010TF |            |       | 29600160 |   | + 04300 |       |      | A     | JS |    |
| SUSAP KMORK7FR23 | ATAMPI | 010TAMPIK7EA0E     |         | IF    |            |       |          |   |         | 18000 |      | A     | JS |    |
| SUSAP KMORK7FR23 | ATAMPI | 020NIBGEK7EA0EY    |         | 020TF |            |       | 07170112 |   | + 04300 |       |      | A     | JS |    |
| SUSAP KMORK7FR23 | ATAMPI | 030NIBGEK7EA0EE    | AR      | HF    |            |       | 23350050 |   | + 04300 |       |      | A     | JS |    |
| SUSAP KMORK7FR23 | AWHINS | 010WHINSK7EA0E     |         | IF    |            |       |          |   |         | 18000 |      | A     | JS |    |
| SUSAP KMORK7FR23 | AWHINS | 020NIBGEK7EA0EY    |         | 020TF |            |       | 02420142 |   | + 04300 |       |      | A     | JS |    |
| SUSAP KMORK7FR23 | AWHINS | 030NIBGEK7EA0EE    | AR      | HF    |            |       | 23350050 |   | + 04300 |       |      | A     | JS |    |
| SUSAP KMORK7FR23 | R      | 010NIBGEK7EA0E     | I       | IF    |            |       |          |   | + 04300 | 18000 |      | A     | JS |    |
| SUSAP KMORK7FR23 | R      | 020WINRIK7EA1E     | F       | 051TF |            |       | 23350063 |   | + 03200 |       | RW23 | K7PGA | JS |    |
| SUSAP KMORK7FR23 | R      | 020WINRIK7EA2WALPV |         |       | ALNAV/VNAV | ALNAV |          |   |         |       |      |       | JS |    |
| SUSAP KMORK7FR23 | R      | 030RW23            | K7PGOGY | M     | 031TF      |       | 23350059 |   | 01316   |       | -300 |       | A  | JS |
| SUSAP KMORK7FR23 | R      | 040                |         | M     | CA         |       | 2335     |   | + 01571 |       |      |       | A  | JS |
| SUSAP KMORK7FR23 | R      | 050SIQCUK7EA0E     |         | DF    |            |       |          |   |         |       |      |       | A  | JS |
| SUSAP KMORK7FR23 | R      | 060MALINK7EA0EY    |         | 010TF |            |       | 2993     |   | + 05000 |       |      |       | A  | JS |
| SUSAP KMORK7FR23 | R      | 070MALINK7EA0EE    | R       | HM    |            |       | 27000050 |   | + 05000 |       |      |       | A  | JS |

QUALITY  
CHECKED

|                                  |                                |            |                              |  |            |
|----------------------------------|--------------------------------|------------|------------------------------|--|------------|
| CITY AND STATE<br>MORRISTOWN, TN | ELEVATION: 1313                | THRE: 1274 | FACILITY IDENTIFIER:<br>RNAV | PROCEDURE NO./AMDT NO./EFFECTIVE DATE:<br>RNAV (GPS) RWY 23, ORIG<br>30 JUN 2011 | SUP:       |
|                                  | AIRPORT NAME:<br>MOORE-MURRELL |            |                              |  | AMDT: NONE |
|                                  |                                |            |                              |  | DATED:     |

