

|   |        |   |         |        |                              |  |  |          |          |   |                        |                  |        |     |         |             |  |                  |  |
|---|--------|---|---------|--------|------------------------------|--|--|----------|----------|---|------------------------|------------------|--------|-----|---------|-------------|--|------------------|--|
| <b>RNAV - STANDARD</b><br><b>INSTRUMENT APPROACH PROCEDURE</b><br><b>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> |                  |        |     |         |             |  |                  |  |
| FROM  |        | TO  |         |        | COURSE AND DISTANCE          |  |  | ALTITUDE |          | LPV: DA<br>LNAV/VNAV: DA<br>LNAV: RW19<br><br>CLIMB TO 900 THEN CLIMBING LEFT TURN TO 3000 DIRECT USHEE AND HOLD.<br><br>ADDITIONAL FLIGHT DATA:<br>HOLD E, LT, 276.67 INBOUND.<br>CHART FAS OBST: 510 TREE 364225N/0780306W<br>CHART R-6602 A/B/C.<br>DISTANCE TO THLD FROM 250 HAT: 0.66 NM.<br>CHART VDP AT 0.87 NM TO RW19*<br>*LNAV ONLY.<br>WAAS CHANNEL # 93718<br>REFERENCE PATH ID: W19A<br>CHART CIRCLING ICON.<br>LTP HAE: 101.7 M |                        |                  |        |     |         |             |  |                  |  |
| USHEE (IAF)   |        | YACNE (NOPT) (TF) (FB) (RNP 1.00)                                       |         |        | 276.67 / 6.30                |  |  | 3000     |          |   |                        |                  |        |     |         |             |  |                  |  |
| PAYEN (IAF)   |        | YACNE (NOPT) (TF) (FB) (RNP 1.00)                                       |         |        | 096.52 / 6.30                |  |  | 3000     |          |   |                        |                  |        |     |         |             |  |                  |  |
| YACNE (IF/IAF)  |        | WUSKE (TF) (FB) (RNP 1.00)  |         |        | 186.59 / 6.00                |  |  | 2000     |          |   |                        |                  |        |     |         |             |  |                  |  |
| WUSKE (FAF)   |        | OVOBE/2.20 NM TO RW19 (TF) (FB) (RNP 0.30)                              |         |        | 186.60 / 2.57                |  |  |          |          |   |                        |                  |        |     |         |             |  |                  |  |
| OVOBE/2.20 NM TO RW19   |        | RW19 (MAP) (TF) (FO) (RNP 0.30)   |         |        | 186.60 / 2.20                |  |  |          |          |   |                        |                  |        |     |         |             |  |                  |  |
| (SEE FORM 8260-10)  |        |   |         |        |                              |  |  |          |          |   |                        |                  |        |     |         |             |  |                  |  |
| THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 17-08.   |        |   |         |        |                              |  |  |          |          |   |                        |                  |        |     |         |             |  |                  |  |
| 1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)<br>2. HOLD N YACNE, RT, 186.59 INBOUND, 3000 FT. IN LIEU OF PT (IAF)<br>3. FAC: 186.60 FAF: WUSKE DIST FAF TO MAP: 4.77 THLD: 4.77<br>4. MIN. ALT: YACNE 3000, WUSKE 2000, OVOBE/2.20 NM TO RW19 1180*<br>5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____<br>6. MIN GS INCPT: 2000 GS ALT AT: WUSKE 2000 OM: _____ MM: _____ IM: _____<br>7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR<br>8. MSA FROM: _____ |        |   |         |        |                              |  |  |          |          |   |                        |                  |        |     |         | MAG VAR: 9W |  | EPOCH YEAR: 2000 |  |
| <b>MINIMUMS</b>   |        |   |         |        |                              |  |  |          |          |   |                        |                  |        |     |         |             |  |                  |  |
| TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT   |        |   |         |        |                              |  | ALTERNATE: N A   |          | STANDARD |   |                        |                  |        |     |         |             |  |                  |  |
| 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  | 691    | 1   | 250     | 691    | 1                            | 250  | 691  | 1        | 250      | 691   | 1                      | 250              |        |     |         |             |  |                  |  |
| LNAV/VNAV DA  | 710    | 1   | 269     | 710    | 1                            | 269  | 710  | 1        | 269      | 710   | 1                      | 269              |        |     |         |             |  |                  |  |
| LNAV MDA  | 760    | 1   | 319     | 760    | 1                            | 319  | 760  | 1        | 319      | 760   | 1                      | 319              |        |     |         |             |  |                  |  |
|   |        |   |         |        |                              |  |  |          |          |   |                        |                  |        |     |         |             |  |                  |  |
| CIRCLING  | 860    | 1   | 419     | 900    | 1                            | 459  | 1060   | 1 3/4    | 619      | 1060  | 2                      | 619              |        |     |         |             |  |                  |  |
|   |        |   |         |        |                              |  |  |          |          |   |                        |                  |        |     |         |             |  |                  |  |
|   |        |   |         |        |                              |  |  |          |          |   |                        |                  |        |     |         |             |  |                  |  |
| NOTES:<br>CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). ←<br>CHART NOTE: DME/DME RNP-0.3 NA.<br>*LNAV ONLY<br>CHART NOTE: RWY 19 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  |        |   |         |        |                              |  |  |          |          |   |                        |                  |        |     |         |             |  |                  |  |
| CITY AND STATE<br>SOUTH HILL, VA  |        | ELEVATION: 441 TDZE: 441<br>AIRPORT NAME:<br>MECKLENBURG-BRUNSWICK RGNL |         |        | FACILITY IDENTIFIER:<br>RNAV |  | PROCEDURE NO./AMDT NO./EFFECTIVE DATE:<br>RNAV (GPS) RWY 19, AMDT 1<br>27 APRIL 2017 |          |          |   |                        | SUP:             |        |     |         |             |  |                  |  |
|   |        |   |         |        |                              |  |  |          |          |   |                        | AMDT: ORIG-C     |        |     |         |             |  |                  |  |
|   |        |   |         |        |                              |  |  |          |          |   |                        | DATED 04/28/2016 |        |     |         |             |  |                  |  |



**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, (CONT.):**

| FROM       | TO           | COURSE AND DISTANCE | ALTITUDE |
|------------|--------------|---------------------|----------|
| RW19 (MAP) | 900 MSL (CA) | 186.60              |          |

|         |                            |  |      |
|---------|----------------------------|--|------|
| 900 MSL | USHEE (DF) (FO) (RNP 1.00) |  | 3000 |
|---------|----------------------------|--|------|

**TAA**

|    | FROM                    | TO                  | ALT  |
|----|-------------------------|---------------------|------|
| 1. | 097/30 CW 277/30 (NOPT) | YACNE (IF/IAF) (FB) | 3000 |
| 2. | 277/30 CW 007/30        | USHEE (IAF) (FB)    | 3000 |
| 3. | 007/30 CW 097/30        | PAYEN (IAF) (FB)    | 3000 |

QUALITY  
19  
CHECKED

CITY AND STATE  
SOUTH HILL, VA

ELEVATION: 441 TDZE: 441  
 AIRPORT NAME:  
 MECKLENBURG-BRUNSWICK RGNL

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
 RNAV (GPS) RWY 19, AMDT 1  
 27 APRIL 2017

|        |            |
|--------|------------|
| SUP:   |            |
| AMDT:  | ORIG-C     |
| DATED: | 04/28/2016 |

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
RNAV - STANDARD  
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|                                  |   |           |                              |  |                   |
|----------------------------------|---|-----------|------------------------------|--|-------------------|
| CITY AND STATE<br>SOUTH HILL, VA | ELEVATION: 441                              | TDZE: 441 | FACILITY IDENTIFIER:<br>RNAV | PROCEDURE NO./AMDT NO./EFFECTIVE DATE:<br>RNAV (GPS) RWY 19, AMDT 1<br>27 APRIL 2017 | SUP:              |
|                                  | AIRPORT NAME:<br>MECKLENBURG-BRUNSWICK RGNL |           |                              |  | AMDT: ORIG-C      |
|                                  |   |           |                              |  | DATED: 04/28/2016 |

**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****DATA FIELD****DATA**

|  |               |
|--|---------------|
| OPERATION TYPE                           | 0             |
| SBAS SERVICE PROVIDER IDENTIFIER         | 0             |
| AIRPORT IDENTIFIER                       | KAVC          |
| RUNWAY                                   | RW19          |
| APPROACH PERFORMANCE DESIGNATOR          | 0             |
| ROUTE INDICATOR                          |               |
| REFERENCE PATH DATA SELECTOR             | 0             |
| REFERENCE PATH IDENTIFIER (APPROACH ID)  | W19A          |
| LTP/FTP LATITUDE                         | 364142.5385N  |
| LTP/FTP LONGITUDE                        | 0780317.3680W |
| LTP/FTP ELLIPSOIDAL HEIGHT               | +01017        |
| FPAP LATITUDE                            | 364013.3985N  |
| FPAP LONGITUDE                           | 0780312.7295W |
| THRESHOLD CROSSING HEIGHT (TCH)          | 00040.0       |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F             |
| GLIDEPATH ANGLE (GPA)                    | 03.00         |
| COURSE WIDTH AT THRESHOLD                | 106.75        |
| LENGTH OFFSET                            | 1224          |
| HORIZONTAL ALERT LIMIT (HAL)             | 40.0          |
| VERTICAL ALERT LIMIT (VAL)               | 50.0          |

**CRC REMAINDER**

1055C2D1

**ADDITIONAL PATH POINT RECORD INFORMATION**

|                         |        |
|-------------------------|--------|
| ICAO CODE               | K6     |
| LTP ORTHOMETRIC HEIGHT  | +01345 |
| FPAP ORTHOMETRIC HEIGHT | +01345 |

QUALITY  
19  
CHECKED

|                                      |   |                           |  |                   |
|--------------------------------------|---|---------------------------|--|-------------------|
| CITY AND STATE<br><br>SOUTH HILL, VA | ELEVATION: 441<br>AIRPORT NAME:<br><br>MECKLENBURG-BRUNSWICK RGNL | TDZE: 441<br><br><br>RNAV | PROCEDURE NO./AMDT NO./EFFECTIVE DATE:<br><br>RNAV (GPS) RWY 19, AMDT 1<br>27 APRIL 2017 | SUP:              |
|                                      |   |                           |  | AMDT: ORIG-C      |
|                                      |   |                           |  | DATED: 04/28/2016 |