

**FEDERAL AVIATION ADMINISTRATION**  
**FLIGHT STANDARDS SERVICE**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**TITLE 14 CFR PART 97.33**

Bearings, headings, courses, tracks 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 feet RVR.

|                                        |                                         |                                                     |                                                  |                                   |                                  |
|----------------------------------------|-----------------------------------------|-----------------------------------------------------|--------------------------------------------------|-----------------------------------|----------------------------------|
| <b><u>AIRPORT</u></b><br>DOUGLAS MUNI  | <b><u>AIRPORT ID</u></b><br>KDQH        | <b><u>PROCEDURE NAME</u></b><br>RNAV (GPS) RWY 4    | <b><u>ORIGINAL/AMENDMENT</u></b><br>2            | <b><u>CITY</u></b><br>DOUGLAS     | <b><u>STATE</u></b><br>GA        |
| <b><u>AIRPORT ELEVATION</u></b><br>257 | <b><u>TDZE</u></b><br>253               | <b><u>SUPERSEDED</u></b><br>RNAV (GPS) RWY 4        | <b><u>ORIGINAL/AMENDMENT</u></b><br>1A           | <b><u>DATED</u></b><br>12/11/2014 | <b><u>MAG VAR</u></b><br>6W      |
| <b><u>FACILITY</u></b><br>RNAV         | <b><u>COORDINATES OF FACILITIES</u></b> | <b><u>ACTUAL EFFECTIVE DATE</u></b><br>19 JULY 2018 | <b><u>REQUIRED EFFECTIVE DATE</u></b><br>ROUTINE | <b><u>CANCEL SUSPEND</u></b>      | <b><u>EPOCH YEAR</u></b><br>2020 |

**TAA**

| <b><u>FROM</u></b>  | <b><u>FIX TYPE</u></b> | <b><u>TO</u></b> | <b><u>FIX TYPE</u></b> | <b><u>ALTITUDE</u></b> |
|---------------------|------------------------|------------------|------------------------|------------------------|
| 1. 313/30 CW 133/30 | NOPT                   | 313/15 CW 133/15 |                        | 2200                   |
| 2. 313/15 CW 133/15 |                        | OLHUP            | IF/IAF                 | 2000                   |
| 3. 133/30 CW 313/30 |                        | 133/15 CW 313/15 |                        | 2300                   |
| 4. 133/15 CW 313/15 |                        | OLHUP            | IF/IAF                 | 2000                   |

**TERMINAL ROUTES**

| <b><u>FROM</u></b>    | <b><u>FIX TYPE</u></b> | <b><u>TO</u></b>      | <b><u>FIX TYPE</u></b> | <b><u>LEG TYPE</u></b> | <b><u>FO/FB</u></b> | <b><u>RNP</u></b> | <b><u>COURSE</u></b> | <b><u>DISTANCE</u></b> | <b><u>ALTITUDE</u></b> |
|-----------------------|------------------------|-----------------------|------------------------|------------------------|---------------------|-------------------|----------------------|------------------------|------------------------|
| OLHUP                 | IF/IAF                 | EMDIH                 |                        | TF                     | FB                  | 1.00              | 043.18               | 7.00                   | 1800                   |
| EMDIH                 | FAF                    | UNSEH/1.60 NM TO RW04 |                        | TF                     | FB                  | 0.30              | 043.22               | 3.11                   |                        |
| UNSEH/1.60 NM TO RW04 |                        | RW04                  | MAP                    | TF                     | FO                  | 0.30              | 043.22               | 1.60                   |                        |
| RW04                  | MAP                    | 1000 MSL              |                        | CA                     |                     |                   | 043.22               |                        | 1000                   |
| 1000 MSL              |                        | OLHUP                 |                        | DF                     | FO                  | 1.00              |                      |                        | 2000                   |

**MISSED APPROACH**

**MAP:**

LPV: DA  
 LNAV/VNAV: DA  
 LNAV: RW04

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 2000 DIRECT OLHUP AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD SW OLBUP, RT, 043.18 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 043.22FAF: EMDIHDIST FAF TO MAP: 4.71DIST FAF TO THLD: 4.71

4. MIN ALT: OLBUP 2000, EMDIH 1800, UNSEH/1.60 NM TO RW04 800\*

5. DIST TO THLD FROM OM:MM:IM:150 HAT:200 HAT: 0.48

6. MIN GP INCPT: 1800GP ALT AT FAF : EMDIH 1800OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 50.8

8. MSA FROM:

PBN EQUIPMENT REQUIREMENTS NOTES

RNP APCH

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C OR ABOVE 54C.  
CHART NOTE: FOR INOPERATIVE ALS INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 7/8 SM AND LNAV CAT C AND D VISIBILITY TO 1 SM.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.  
CHART VDP AT 1.01 NM TO RW04\*  
\*LNAV ONLY  
WAAS CHANNEL #93824  
REFERENCE PATH ID: W04A  
CHART FAS OBST: 354 TREE 312808N/0825133W.  
LTP HAE: 48.9 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD

| CATEGORY:    | A      |     |         | B      |     |         | C      |     |         | D      |     |         | E      |     |         |
|--------------|--------|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|---------|--------|-----|---------|
| FINAL TYPE   | DA/MDA | VIS | HAT/HAA | DA/MDA | VIS | HAT/HAA | DA/MDA | VIS | HAT/HAA | DA/MDA | VIS | HAT/HAA | DA/MDA | VIS | HAT/HAA |
| LPV DA       | 453    | 1/2 | 200     | 453    | 1/2 | 200     | 453    | 1/2 | 200     | 453    | 1/2 | 200     |        |     |         |
| LNAV/VNAV DA | 538    | 1/2 | 285     | 538    | 1/2 | 285     | 538    | 1/2 | 285     | 538    | 1/2 | 285     |        |     |         |
| LNAV MDA     | 620    | 1/2 | 367     | 620    | 1/2 | 367     | 620    | 5/8 | 367     | 620    | 5/8 | 367     |        |     |         |
| CIRCLING     | 720    | 1   | 463     | 820    | 1   | 563     | 960    | 2   | 703     | 1160   | 3   | 903     |        |     |         |



**CHANGES - REASONS**

1. REMOVED AYS VORTAC TO SIBJU, IFM VOR TO OLHUP, AND SIBJU TO OLHUP SEGMENTS FROM TERMINAL ROUTES SECTION - FPT REQUEST PER IFPR.
2. CHANGED OLHUP TO EMDIH SEGMENT COURSE FROM 040.18 TO READ 043.18 IN TERMINAL ROUTES SECTION - KDQH AIRPORT 2020 MAG VAR 6W.
3. CHANGED EMDIH TO UNSEH SEGMENT COURSE FROM 040.22 TO READ 043.22 IN TERMINAL ROUTES SECTION - KDQH AIRPORT 2020 MAG VAR 6W.
4. CHANGED UNSEH TO RW04 AND RW04 TO 1000 MSL SEGMENTS COURSE FROM 040.24 TO READ 043.22 IN TERMINAL ROUTES SECTION - KDQH AIRPORT 2020 MAG VAR 6W.
5. ADDED (RNP 1.00) TO OHLUP IN LAST SEGMENT IN TERMINAL ROUTES SECTION - 8260.19H, CHAPTER 4, SECTION 4-6, PARAGRAPH 4-6-10F, PAGE 4-61.
6. ADDED CHART CIRCLING ICON TO ADDITIONAL FLIGHT DATA SECTION - 8260.19H, CHAPTER 8, SECTION 8-6, PARAGRAPH 8-6-10T, PAGE 8-70.
7. CHANGED MAG VAR FROM 3W TO READ 6W AND EPOCH YEAR FROM 1985 TO READ 2020 IN ADDITIONAL FLIGHT DATA SECTION - KDQH AIRPORT 2020 MAG VAR 6W.
8. CHANGED HIL INBOUND COURSE FROM 040.18 TO READ 043.18 ON LINE 2 - KDQH AIRPORT 2020 MAG VAR 6W.
9. CHANGED FAC FROM 040.22 TO READ 043.22 ON LINE 3 - KDQH AIRPORT 2020 MAG VAR 6W.
10. REMOVED MSA AND ADDED TAA - FPT REQUEST PER IFPR.
11. CHANGED ALL LPV DA'S FROM 450 TO READ 453 IN MINIMUMS SECTION - 8260.3C, CHAPTER 3, SECTION 3-2, PARAGRAPH 3-2-1C - DA/MDA CALCULATED USING TDZE AND NOT THRE.
12. CHANGED ALL LNAV/VNAV DA'S FROM 535 TO READ 538 IN MINIMUMS SECTION - 8260.3C, CHAPTER 3, SECTION 3-2, PARAGRAPH 3-2-1C - DA/MDA CALCULATED USING TDZE AND NOT THRE.
13. CHANGED ALL LNAV HAT'S FROM 370 TO READ 367 IN MINIMUMS SECTION - 8260.3C, CHAPTER 3, SECTION 3-2, PARAGRAPH 3-2-1C - DA/MDA CALCULATED USING TDZE AND NOT THRE.
14. CHANGED CIRCLING CAT A CMDA/HAA FROM 680/423 TO READ 720/463, CAT B CMDA/HAA FROM 720/463 TO READ 820/563, CAT C CMDA/VIS/HAA FROM 800/1 1/2/543 TO READ 960/2/703, AND CAT D CMDA/VIS/HAA FROM 820/2/563 TO READ 1160/3/903 IN MINIMUMS SECTION - 8260.3C, CHAPTER 2, SECTION 2-7, FORMULAS 2-7-1 AND 2-7-2, PAGE 2-59 - NEW CIRCLING APPROACH RADIUS CALCULATIONS.
15. MOVED BARO/VNAV NA, VDP NA, AND WHEN LOCAL ALTIMETER NOT RECEIVED CHART NOTES FROM NOTES SECTION TO 8260-9 REMARKS SECTION - 8260.19H, CHAPTER 8, SECTION 8-6, PARAGRAPH 8-6-9F(3), PAGE 8-60 - PRIMARY ALTIMETER SOURCES TRANSMITS ON WMSCR - CONTINGENCY NOTES CONSOLIDATED IN 8260-9 REMARKS SECTION.
16. CHANGED UNCOMPENSATED BARO-VNAV SYSTEMS CHART NOTE UPPER TEMPERATURE LIMITS FROM 42C (107F) TO READ 54C (130F) IN NOTES SECTION - LOW/HIGH TEMPERATURE LIMIT CALCULATOR CALCULATION.
17. REMOVED CHART PLAINVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON IFM VOR AIRWAY RADIALS 083 CW 165, AND FOR ARRIVAL ON AYS VORTAC AIRWAY RADIALS 180 CW 320 FROM NOTES SECTION - FPT REQUEST PER IFPR.
18. CHANGED CHART NOTE: FOR INOPERATIVE MALSR INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 7/8 MILE AND LNAV CAT C AND D VISIBILITY TO 1 MILE TO READ CHART NOTE: FOR INOPERATIVE ALS INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 7/8 SM AND LNAV CAT C AND D VISIBILITY TO 1 SM IN NOTES SECTION - VISCHECK CALCULATION.
19. ADDED HIGHER THAN STANDARD MINIMUMS NOTE @ CAT D 1000-3 TO NOTES SECTION - 8260.19H, CHAPTER 8, SECTION 8-6, PARAGRAPH 8-6-11B(6), PAGE 8-71.
20. CHANGED THRE: 250 TO READ TDZE: 253 IN AIRPORT NAME BLOCK - 8260.3C, CHAPTER 3, SECTION 3-2, PARAGRAPH 3-2-1C - DA CALCULATED USING TDZE AND NOT THRE.
21. CHANGED FPAP LATITUDE FROM 312923.7000N TO READ 312923.6985N, FPAP LONGITUDE FROM 0825055.9400W TO READ 0825055.9300W, AND CRC REMAINDER FROM 53272C09 TO READ 2512F023 IN FAS DATA BLOCK - SIAP CALCULATION.
22. ADDED RNP APCH TO CHART PBN EQUIPMENT REQUIREMENTS NOTES SECTION - 8260.19H, CHAPTER 8, SECTION 8-6, PARAGRAPH 8-6-8B(1), PAGE 8-57.
23. REMOVED CHART NOTE: DME/DME RNP-0.3 NA FROM NOTES SECTION - ENTRY IS NO LONGER REQUIRED.

03/07/18: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 10/24/17.

1. TRANSFERRED ALL INFORMATION ONTO NEW 19H FORMS FROM LEGACY FORMS.
2. ADDED RNP APCH TO PBN EQUIPMENT REQUIREMENTS NOTES SECTION.
3. REMOVED CHART NOTE: DME/DME RNP-0.3 NA FROM NOTES SECTION.



|                                                                                                                                                                                                                                    |                                                                     |                                           |                                |                           |                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------|----------------------------------------------------------------------|
| <u>AIRPORT</u><br>DOUGLAS MUNI                                                                                                                                                                                                     | <u>AIRPORT ID</u><br>KDQH                                           | <u>PROCEDURE NAME</u><br>RNAV (GPS) RWY 4 | <u>ORIGINAL/AMENDMENT</u><br>2 | <u>CITY</u><br>DOUGLAS    | <u>STATE</u><br>GA                                                   |
| <u>COORDINATED WITH:</u>                                                                                                                                                                                                           |                                                                     |                                           |                                |                           |                                                                      |
| A4A <input type="checkbox"/> ALPA <input checked="" type="checkbox"/> AOPA <input checked="" type="checkbox"/> APA <input type="checkbox"/> HAI <input type="checkbox"/> NBAA <input checked="" type="checkbox"/> OTHER: ZJX, AMGR |                                                                     |                                           |                                |                           |                                                                      |
| <u>FLIGHT CHECKED BY</u><br>DONALD ALOYSIUS MCGOUGH                                                                                                                                                                                |                                                                     |                                           | <u>OFFICE</u><br>FIOG          | <u>DATE</u><br>01/16/2018 | <i>Digitally signed by</i><br><b>JULIE A MORGAN</b><br>Mar 21, 2018  |
| <u>DEVELOPED BY</u><br>MICHAEL R. GARRITY JR.                                                                                                                                                                                      |                                                                     |                                           | <u>OFFICE</u><br>AJV-5423      | <u>DATE</u><br>10/24/2017 | <i>Digitally signed by</i><br><b>MICHAEL GARRITY</b><br>Mar 15, 2018 |
| <u>APPROVED BY</u><br>JULIE MORGAN                                                                                                                                                                                                 | <i>Digitally signed by</i><br><b>JULIE A MORGAN</b><br>Mar 21, 2018 |                                           | <u>OFFICE</u><br>AJV-5420      | <u>DATE</u>               | <u>TITLE</u><br>MANAGER                                              |



**FAS DATA BLOCK INFORMATION**

| <b><u>DATA FIELD</u></b>                 | <b><u>DATA</u></b> |
|------------------------------------------|--------------------|
| OPERATION TYPE                           | 0                  |
| SBAS SERVICE PROVIDER IDENTIFIER         | 0                  |
| AIRPORT IDENTIFIER                       | KDQH               |
| RUNWAY                                   | RW04               |
| APPROACH PERFORMANCE DESIGNATOR          | 0                  |
| ROUTE INDICATOR                          |                    |
| REFERENCE PATH DATA SELECTOR             | 0                  |
| REFERENCE PATH IDENTIFIER (APPROACH ID)  | W04A               |
| LTP/FTP LATITUDE                         | 312812.6250N       |
| LTP/FTP LONGITUDE                        | 0825159.0060W      |
| LTP/FTP ELLIPSOIDAL HEIGHT               | +00489             |
| FPAP LATITUDE                            | 312923.6985N       |
| FPAP LONGITUDE                           | 0825055.9300W      |
| THRESHOLD CROSSING HEIGHT (TCH)          | 00050.8            |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F                  |
| GLIDEPATH ANGLE (GPA)                    | 03.00              |
| COURSE WIDTH AT THRESHOLD                | 106.75             |
| LENGTH OFFSET                            | 0920               |
| HORIZONTAL ALERT LIMIT (HAL)             | 40.0               |
| VERTICAL ALERT LIMIT (VAL)               | 35.0               |
| CRC REMAINDER                            | 2512F023           |

**ADDITIONAL PATH POINT RECORD INFORMATION**

|                         |        |
|-------------------------|--------|
| ICAO CODE               | K7     |
| LTP ORTHOMETRIC HEIGHT  | +00761 |
| FPAP ORTHOMETRIC HEIGHT | +00761 |

