

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 | | | | |
| HACNI (IF/IAF) | IKWAM (FB) | 237.80 / 6.83 | 2400 | LPV: DA LNAV/VNAV: DA LNAV: RW24 | | | |
| IKWAM (FAF) | CIDAV/2.60 NM TO RW24 (FB) | 237.74 / 2.57 | 3000 | CLIMB TO 3000 DIRECT WOKIR AND HOLD. | | | |
| CIDAV/2.60 NM TO RW24 | RW24 (MAP) (FO) | 237.72 / 2.60 | | | | | |
| RW24 (MAP) | 1015 MSL | 237.72 | | | | | |
| 1015 MSL | WOKIR (FO) | | | ADDITIONAL FLIGHT DATA: HOLD SW, RT, 057.58 INBOUND. CHART FAS OBST: 854 TREE 354748N/0801657W CHART FAS OBST: 964 TANK 354851N/0801546W DISTANCE TO THLD FROM 313 HATH: 0.82 NM. CHART VDP AT 1.53 MILES TO RW24* *LNAV ONLY. WAAS CHANNEL # 69326 REFERENCE PATH ID: W24A LTP HAE: 182.5 M | | | |

| | |
|--|---|
| 1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) | |
| 2. HOLD NE HACNI, RT, 237.80 INBOUND, 3000 FT. IN LIEU OF PT (IAF) | |
| 3. FAC: <u>237.74</u> FAF: IKWAM | DIST FAF TO MAP: <u>5.17</u> THLD: <u>5.17</u> |
| 4. MIN. ALT: HACNI 3000, IKWAM 2400, CIDAV/2.60 NM TO RW24 1580* | |
| 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> | |
| 6. MIN GS INCPT: <u>2400</u> GS ALT AT: IKWAM 2400 | OM: <u> </u> MM: <u> </u> IM: <u> </u> |
| 7. GS ANGLE: <u>3.00</u> TCH: <u>51.0</u> 34:1 IS NOT CLEAR | |
| 8. MSA FROM: <u> </u> | |

| MINIMUMS | | | | | | | | | | | | | | | |
|---|--------|-------|---------|--------|-------|---------|--------|-------|---------|----------------|-----|------------|--------|-----|---------|
| 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 | 1015 | 1 | 313 | 1015 | 1 | 313 | 1015 | 1 | 313 | | NA | | | | |
| LNAV/VNAV DA | 1139 | 1 1/2 | 437 | 1139 | 1 1/2 | 437 | 1139 | 1 1/2 | 437 | | NA | | | | |
| LNAV MDA | 1220 | 1 | 518 | 1220 | 1 | 518 | 1220 | 1 3/8 | 518 | | NA | | | | |
| CIRCLING | 1220 | 1 | 487 | 1220 | 1 | 487 | 1220 | 1 1/2 | 487 | | NA | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

NOTES:
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F).
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SALISBURY ALTIMETER SETTING AND INCREASE ALL DA 37 FEET AND ALL MDA 40 FEET, INCREASE LPV, LNAV/VNAV ALL CATS AND CAT C CIRCLING VISIBILITY 1/8 MILE, LNAV CAT C VISIBILITY 1/4 MILE.
 (SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

| | | | | | |
|-------------------------------------|--------------------------------------|-----------|------------------------------|---|------------|
| CITY AND STATE LEXINGTON, NC | ELEVATION: 733 | THRE: 702 | FACILITY IDENTIFIER: RNAV | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 24, ORIG 26 JULY 2012 | SUP: |
| | AIRPORT NAME: DAVIDSON COUNTY | | | | AMDT: NONE |
| | | | | | DATED |

QUALITY
2
CHECKED

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

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NOTES, (CONT.):

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING SALISBURY ALTIMETER SETTING.

TAA

| | FROM | TO | ALT |
|----|-------------------------|---------------------|------|
| 1. | 148/30 CW 328/30 (NOPT) | 328/10 CW 148/10 | 4200 |
| 2. | 148/10 CW 328/10 | HACNI (IF/IAF) (FB) | 3000 |
| 3. | 328/30 CW 148/30 | HACNI (IF/IAF) (FO) | 4700 |

QUALITY
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CITY AND STATE

LEXINGTON, NC

ELEVATION: 733

THRE: 702

AIRPORT NAME:

DAVIDSON COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

RNAV (GPS) RWY 24, ORIG

26 JULY 2012

SUP:

AMDT: NONE

DATED:

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

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FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

| | |
|--|---------------|
| OPERATION TYPE | 0 |
| SBAS SERVICE PROVIDER IDENTIFIER | 0 |
| AIRPORT IDENTIFIER | KEXX |
| RUNWAY | RW24 |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | |
| REFERENCE PATH DATA SELECTOR | 0 |
| REFERENCE PATH IDENTIFIER (APPROACH ID) | W24A |
| LTP/FTP LATITUDE | 354707.7830N |
| LTP/FTP LONGITUDE | 0801750.0925W |
| LTP/FTP ELLIPSOIDAL HEIGHT | +01825 |
| FPAP LATITUDE | 354611.2400N |
| FPAP LONGITUDE | 0801914.8100W |
| THRESHOLD CROSSING HEIGHT (TCH) | 00051.0 |
| 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

E0A44349

ADDITIONAL PATH POINT RECORD INFORMATION

| | |
|-------------------------|--------|
| ICAO CODE | K7 |
| LTP ORTHOMETRIC HEIGHT | +02138 |
| FPAP ORTHOMETRIC HEIGHT | +02138 |

QUALITY
2
CHECKED

CITY AND STATE
LEXINGTON, NC

ELEVATION: 733 THRE: 702
AIRPORT NAME:
DAVIDSON COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 24, ORIG
26 JULY 2012

SUP:
AMDT: NONE
DATED:

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[illegible][illegible]

| SEGMENT | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 |
|------------------|--------|--------------------|----|-------|------------------|----------|---|--------------|-------|------|---|------|---|
| SUSAP KEXXK7FR24 | AHACNI | 010HACNIK7EA0EE | AR | HF | | 23780040 | | + 03000 | 18000 | | | A JS | |
| SUSAP KEXXK7FR24 | R | 010HACNIK7EA0E | I | IF | | | | + 03000 | 18000 | | | A JS | |
| SUSAP KEXXK7FR24 | R | 020IKWAMK7EA1E | F | 051TF | | 23780068 | | + 02400 | | | | A JS | |
| SUSAP KEXXK7FR24 | R | 020IKWAMK7EA2WALPV | | | ALNAV/VNAV ALNAV | | | | | | | JS | |
| SUSAP KEXXK7FR24 | R | 021CIDAVK7EA0E | S | 031TF | | 23770026 | | V 0158001580 | | -300 | | A JS | |
| SUSAP KEXXK7FR24 | R | 030RW24 K7PGOGY | M | 031TF | | 23770026 | | 00753 | | -300 | | A JS | |
| SUSAP KEXXK7FR24 | R | 040 | 0 | M | CA | 2377 | | + 01015 | | | | A JS | |
| SUSAP KEXXK7FR24 | R | 050WOKIRK7EA0EY | | DF | | | | + 03000 | | | | A JS | |
| SUSAP KEXXK7FR24 | R | 060WOKIRK7EA0EE | R | HM | | 05760040 | | + 03000 | | | | A JS | |

[illegible][illegible]

100-443887-100

| | | | | |
|--|---|-------------------------|--|-------------------|
| CITY AND STATE LEXINGTON, NC | ELEVATION: 733 THRE: 702 | FACILITY IDENTIFIER: | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 24, ORIG 26 JULY 2012 | SUP: |
| | AIRPORT NAME: DAVIDSON COUNTY | RNAV | | AMDT: NONE |
| | | | | DATED: |

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 |
|--------|------------|-------|-----|------|------|------|-------|-----|----------------|----------|----------|----------|
| | HACNI | HACNI | 010 | IAF | HF | R | FO | | 237.8 (230.8T) | 004.0 | AA 03000 | |
| | | HACNI | 010 | FACF | IF | | FB | | | | AA 03000 | |
| | | IKWAM | 020 | FAF | TF | | FB | 0.5 | 237.8 (230.8T) | 006.8 | AA 02400 | |
| | | CIDAV | 021 | SDF | TF | | FB | 0.3 | 237.7 (230.7T) | 002.6 | AA 01580 | GS 01580 |
| | | RW24 | 030 | MAP | TF | | FO | 0.3 | 237.7 (230.7T) | 002.6 | AT 00753 | |

| MISSED APPROACH | FIX | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG (TRUE) | DISTANCE | ALTITUDE | SPEED |
|-----------------|-------|-----|-----|------|------|-------|-----|----------------|----------|----------|-------|
| | | 040 | | CA | | FB | | 237.7 (230.7T) | | AA 01015 | |
| | WOKIR | 050 | | DF | | FO | | | | AA 03000 | |
| | WOKIR | 060 | | HM | R | FO | | 057.6 (050.6T) | 004.0 | AA 03000 | |

| POINT DATA | WAYPOINT | LAT IN SECS | LONG IN SECS | LAT IN MINS | LONG IN MINS |
|------------|----------|-------------|--------------|-------------|--------------|
| | CIDAV | N354846.73 | W0801521.68 | N3548.779 | W08015.361 |
| | HACNI | N355444.04 | W0800624.28 | N3554.734 | W08006.405 |
| | IKWAM | N355024.62 | W0801254.70 | N3550.410 | W08012.912 |
| | WOKIR | N353901.36 | W0802957.22 | N3539.023 | W08029.954 |
| | RW24 | N354707.78 | W0801750.09 | N3547.130 | W08017.835 |

| RUNWAY DATA | RWY | THRESHOLD ELEVATION | TCH |
|-------------|------|------------------------|-----|
| | RW24 | 00702 | 51 |

| | | | | | |
|--|---|------------------|--|--|-------------------|
| CITY AND STATE LEXINGTON, NC | ELEVATION: 733 | THRE: 702 | FACILITY IDENTIFIER: RNAV | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: | SUP: |
| | AIRPORT NAME: DAVIDSON COUNTY | | | RNAV (GPS) RWY 24, ORIG | AMDT: NONE |
| | | | | 26 JULY 2012 | DATED: |