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|--|-------------------|---|--|--|-------------------------------------|--|--------|------------|---------|--------|-------|---------|
| US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION | | RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE 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. | | | | | | | | |
| TERMINAL ROUTES | | | | MISSED APPROACH | | | | | | | | |
| FROM | TO | COURSE AND DISTANCE | ALTITUDE | LPV: DA LNAV/VNAV: DA LNAV: RW05 CLIMB TO 2600 DIRECT LOREE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, RT, 234.61 INBOUND. CHART FAS OBST: 619 TREE 371859N/0872630W CHART FAS OBST: 537 TREE 372102N/0872435W CHART 799 TOWER 371917N/0873001W. DISTANCE TO THLD FROM 336 HAT: 0.89 NM. WAAS CHANNEL # 82512 REFERENCE PATH ID: W05A | | | | | | | | |
| HARDN (IAF) | CELES (NOPT) (FB) | 324.42 / 5.00 | 2600 | | | | | | | | | |
| GOLDD (IAF) | CELES (NOPT) (FB) | 144.34 / 5.00 | 2600 | | | | | | | | | |
| CELES (IF/IAF) | DEEPE (FB) | 054.38 / 6.12 | 2200 | | | | | | | | | |
| 1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD SW CELES, RT, 054.38 INBOUND, 2600 FT. IN LIEU OF PT (IAF) 3. FAC: 054.44 FAF: DEEPE _____ DIST FAF TO MAP: 5.29 THLD: 5.29 4. MIN. ALT: CELES 2600, DEEPE 2200 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2200 GS ALT AT: DEEPE _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 53.0 34:1 IS NOT CLEAR 8. MSA FROM: _____ | | | | MAG VAR: 3W EPOCH YEAR: 2010 | | | | | | | | |
| MINIMUMS | | | | | | | | | | | | |
| TAKEOFF: | STANDARD | <input checked="" type="checkbox"/> | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | <input checked="" type="checkbox"/> | | | | | | | |
| 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 |
| LPV DA | 775 | 1 1/4 | 336 | 775 | 1 1/4 | 336 | 775 | 1 1/4 | 336 | 775 | 1 1/4 | 336 |
| LNAV/VNAV DA | 807 | 1 1/4 | 368 | 807 | 1 1/4 | 368 | 807 | 1 1/4 | 368 | 807 | 1 1/4 | 368 |
| LNAV MDA | 880 | 1 | 441 | 880 | 1 | 441 | 880 | 1 1/4 | 441 | 880 | 1 1/2 | 441 |
| CIRCLING | 880 | 1 | 441 | 900 | 1 | 461 | 900 | 1 1/2 | 461 | 1000 | 2 | 561 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. SEE 8260-10 | | | | | | | | | | | | |
| CITY AND STATE | | ELEVATION: 439 TDZE: 439 | | FACILITY IDENTIFIER: | | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: | | SUP: | | | | |
| MADISONVILLE, KY | | AIRPORT NAME: | | RNAV | | RNAV (GPS) RWY 5, ORIG | | AMDT: NONE | | | | |
| | | MADISONVILLE MUNI | | | | 07 MAY 2009 | | DATED | | | | |

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE EVANSVILLE REGIONAL ALTIMETER SETTING AND INCREASE ALL DA 99 FEET, AND ALL MDA 100 FEET, INCREASE LPV AND LNAV/VNAV ALL CATS AND LNAV CATS C AND D VISIBILITY 1/4 MILE.

CHART NOTE: BARO VNAV NA WHEN USING EVANSVILLE REGIONAL ALTIMETER SETTING.

TAA

| | FROM | TO | ALT |
|----|-------------------------|---------------------|------|
| 1. | 324/30 CW 144/30 (NOPT) | 324/11 CW 144/11 | 2700 |
| | 324/11 CW 144/11 | CELES (IF/IAF) (FB) | 2600 |
| 2. | 144/30 CW 234/30 | GOLDD (IAF) (FB) | 2600 |
| 3. | 234/30 CW 324/30 | HARDN (IAF) (FB) | 2600 |

CITY AND STATE

MADISONVILLE, KY

ELEVATION: 439 TDZE: 439

AIRPORT NAME:

MADISONVILLE MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 5, ORIG

07 MAY 2009

SUP:

AMDT: NONE

DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
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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 210
RUNWAY RW05
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W05A
LTP/FTP LATITUDE 372102.7300N
LTP/FTP LONGITUDE 0872422.9200W
LTP/FTP ELLIPSOIDAL HEIGHT +01036
FPAP LATITUDE 372158.2700N
FPAP LONGITUDE 0872255.4600W
THRESHOLD CROSSING HEIGHT (TCH) 00053.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 0904
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

1FC0B3C4

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5
LTP ORTHOMETRIC HEIGHT +01338
FPAP ORTHOMETRIC HEIGHT +01338

CITY AND STATE

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PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 5, ORIG

07 MAY 2009

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AMDT:

NONE

DATED:


QUALITY
CHECKED

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[illegible][illegible]

| SEGMENT | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 |
|---------|-----|--------|--------|--------------------|---------|------------------|----------|---|-------|-------|---|---|----|
| SUSAP | 210 | K5FR05 | ACELES | 010CELESK5EA0EE | CR | HF | 05440040 | + | 02600 | 18000 | | A | JS |
| SUSAP | 210 | K5FR05 | AGOLDD | 010GOLDDK5EA0E | A | IF | | | | 18000 | | A | JS |
| SUSAP | 210 | K5FR05 | AGOLDD | 020CELESK5EA0EE | | 010TF | 14430050 | + | 02600 | | | A | JS |
| SUSAP | 210 | K5FR05 | AHARDN | 010HARDNK5EA0E | A | IF | | | | 18000 | | A | JS |
| SUSAP | 210 | K5FR05 | AHARDN | 020CELESK5EA0EE | | 010TF | 32440050 | + | 02600 | | | A | JS |
| SUSAP | 210 | K5FR05 | R | 010CELESK5EA0E | I | IF | | + | 02600 | 18000 | | A | JS |
| SUSAP | 210 | K5FR05 | R | 020DEEPEK5EA1E | F | 051TF | 05440061 | + | 02200 | | | A | JS |
| SUSAP | 210 | K5FR05 | R | 020DEEPEK5EA2WALPV | | ALNAV/VNAV ALNAV | | | | | | | JS |
| SUSAP | 210 | K5FR05 | R | 030RW05 | K5PG0GY | M 031TF | 05440053 | | 00492 | -300 | | A | JS |
| SUSAP | 210 | K5FR05 | R | 040LOREEK5EA0EYM | | 010DF | | + | 02600 | | | A | JS |
| SUSAP | 210 | K5FR05 | R | 050LOREEK5EA0EE | HR020HM | | 23460040 | + | 02600 | | | A | JS |

[illegible][illegible]

| | | | | |
|--|--|-------------------------------------|--|--|
| CITY AND STATE MADISONVILLE, KY | ELEVATION: 439 TDZE: 439 AIRPORT NAME: MADISONVILLE MUNI | FACILITY IDENTIFIER: RNAV | PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 5, ORIG 07 MAY 2009 | SUP: |
| | | | | AMDT: NONE |
| | | | | DATED:  |

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

| ROUTES | TRANSITION | FIX | SEQ | USE | PATH | TURN | FO/PB | RNP | MAG (TRUE) | DISTANCE | ALTITUDE |
|--------|------------|-------|-----|------|------|------|-------|-----|--------------|----------|----------|
| | CELES | CELES | 010 | | HF | R | FB | | 054.4 (051T) | 004.0 | 02600 |
| | GOLDD | GOLDD | 010 | IAF | IF | | FB | | | | |
| | GOLDD | CELES | 020 | | TF | | FB | 1.0 | 144.3 (141T) | 005.0 | 02600 |
| | HARDN | HARDN | 010 | IAF | IF | | FB | | | | |
| | HARDN | CELES | 020 | | TF | | FB | 1.0 | 324.4 (321T) | 005.0 | 02600 |
| | | CELES | 010 | FACF | IF | | FB | | | | 02600 |
| | | DEEPE | 020 | FAF | TF | | FB | 0.5 | 054.4 (051T) | 006.1 | 02200 |
| | | RW05 | 030 | MAP | TF | | FO | 0.3 | 054.4 (051T) | 005.3 | 00492 |

| MISSED APPROACH | FIX | SEQ | USE | PATH | TURN | FO/PB | RNP | MAG (TRUE) | DISTANCE | ALTITUDE |
|-----------------|-------|-----|-----|------|------|-------|-----|--------------|----------|----------|
| | LOREE | 040 | | DF | | FO | 1.0 | | | 02600 |
| | LOREE | 050 | | HM | R | FO | 2.0 | 234.6 (232T) | 004.0 | 02600 |

| POINT DATA | WAYPOINT | LAT IN SECS | LONG IN SECS | LAT IN MINS | LONG IN MINS |
|------------|----------|-------------|--------------|-------------|--------------|
| | CELES | N371355.41 | W0873533.72 | N3713.924 | W08735.562 |
| | DEEPE | N371744.89 | W0872933.95 | N3717.748 | W08729.566 |
| | GOLDD | N371750.03 | W0873928.39 | N3717.834 | W08739.473 |
| | HARDN | N371000.66 | W0873139.45 | N3710.011 | W08731.658 |
| | LOREE | N372830.83 | W0871235.41 | N3728.514 | W08712.590 |
| | RW05 | N372102.73 | W0872422.92 | N3721.046 | W08724.382 |

| RUNWAY DATA | THRESHOLD | | |
|-------------|-----------|-----|--|
| RWY | ELEVATION | TCH | |
| RW05 | 00439 | 53 | |

| | | | | |
|---|---|-------------------------------------|--|-------------------|
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| | AIRPORT NAME: MADISONVILLE MUNI | | | AMDT: NONE |
| | DATED: | | | |

QUALITY
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CHECKED

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| | | | | AMDT: NONE |
| | | | | DATED: QUALITY |