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|--|-------------------|---------------------|--|---|-------|----------------------|--------|--|---------|--------|-------|------------|--------|-----|---------|
| 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: RW24 CLIMB TO 2800 DIRECT SNACK AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 058.02 INBOUND. CHART FAS OBST: 1209 TREE 394601N/0844925W CHART: 1415 TOWER 394650N/0844427W DISTANCE TO THLD FROM 200 HAT: 0.48 NM. CHART VDP AT 0.86 MILES TO RW24 *LNAV ONLY. WAAS CHANNEL # 82112 REFERENCE PATH ID: W24A | | | | | | | | | | | |
| RID VORTAC | PEWEZ (FO) | 057.48 / 11.36 | 2700 | | | | | | | | | | | | |
| LEEDS | QUIPP (FB) | 190.68 / 3.33 | 2700 | | | | | | | | | | | | |
| QUIPP (IAF) | PEWEZ (NOPT) (FB) | 148.24 / 5.00 | 2700 | | | | | | | | | | | | |
| FRAAM (IAF) | PEWEZ (NOPT) (FB) | 328.33 / 6.64 | 2700 | | | | | | | | | | | | |
| PEWEZ (IF/IAF) | JERMY (FB) | 238.28 / 6.31 | 2700 | | | | | | | | | | | | |
| 1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NE PEWEZ, RT, 238.28 INBOUND, 2700 FT. IN LIEU OF PT (IAF) 3. FAC: 238.20 FAF: JERMY _____ DIST FAF TO MAP: 4.69 THLD: 4.69 4. MIN. ALT: PEWEZ 2700, JERMY 2700 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2700 GS ALT AT: JERMY _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 47.4 34:1 IS CLEAR 8. MSA FROM: RW24 3100 | | | | MAG VAR: 3W EPOCH YEAR: 1985 | | | | | | | | | | | |
| MINIMUMS | | | | | | | | | | | | | | | |
| TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X | | | | | | | | | | |
| 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 | 1339 | 3/4 | 200 | 1339 | 3/4 | 200 | 1339 | 3/4 | 200 | 1339 | 3/4 | 200 | | | |
| LNAV/VNAV DA | 1549 | 1 1/2 | 410 | 1549 | 1 1/2 | 410 | 1549 | 1 1/2 | 410 | 1549 | 1 1/2 | 410 | | | |
| LNAV MDA | 1460 | 3/4 | 321 | 1460 | 3/4 | 321 | 1460 | 3/4 | 321 | 1460 | 1 | 321 | | | |
| CIRCLING | 1600 | 1 | 460 | 1600 | 1 | 460 | 1600 | 1 1/2 | 460 | 1700 | 2 | 560 | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| NOTES: CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LNAV/VNAV ALL CATS. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 46C (114F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE JAMES M COX DAYTON INTL ALTIMETER SEE 8260-10 | | | | | | | | | | | | | | | |
| CITY AND STATE | | | | ELEVATION: 1140 TDZE: 1139 | | FACILITY IDENTIFIER: | | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: | | | | SUP: | | | |
| RICHMOND, IN | | | | AIRPORT NAME: RICHMOND MUNI | | RNAV | | RNAV (GPS) RWY 24, ORIG 02 JUL 2009 | | | | AMDT: NONE | | | |
| | | | | | | | | | | | | DATED | | | |

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES CONT.

SETTING AND INCREASE ALL DA 88 FEET AND ALL MDA 100 FEET. INCREASE LPV AND LNAV/VNAV VISIBILITY

1/4 MILE ALL CATS. INCREASE LNAV VISIBILITY CAT C 1/2 MILE AND CAT D 1/4 MILE.

CHART NOTE: WHEN USING JAMES M COX DAYTON INTL ALTIMETER SETTING INOPERATIVE TABLE DOES NOT APPLY TO LNAV/VNAV ALL CATS AND LNAV CAT C.

CHART NOTE: VDP AND BARO-VNAV NA WHEN USING JAMES M COX DAYTON INTL ALTIMETER SETTING

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FRAAM VIA V275 SOUTHWEST BOUND AND AT RID VORTAC VIA AIRWAY RADIALS 031 CW 055.

CITY AND STATE

RICHMOND, IN

ELEVATION: 1140 TDZE: 1139

AIRPORT NAME:

RICHMOND MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 24, ORIG

02 JUL 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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FAS DATA BLOCK INFORMATION

| <u>DATA FIELD</u> | <u>DATA</u> |
|--|---------------|
| OPERATION TYPE | 0 |
| SBAS SERVICE PROVIDER IDENTIFIER | 0 |
| AIRPORT IDENTIFIER | KRID |
| RUNWAY | RW24 |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | |
| REFERENCE PATH DATA SELECTOR | 0 |
| REFERENCE PATH IDENTIFIER (APPROACH ID) | W24A |
| LTP/FTP LATITUDE | 394537.0100N |
| LTP/FTP LONGITUDE | 0845002.5800W |
| LTP/FTP ELLIPSOIDAL HEIGHT | +03131 |
| FPAP LATITUDE | 394505.9500N |
| FPAP LONGITUDE | 0845100.3700W |
| THRESHOLD CROSSING HEIGHT (TCH) | 00047.4 |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F |
| GLIDEPATH ANGLE (GPA) | 03.00 |
| COURSE WIDTH AT THRESHOLD | 92.75 |
| LENGTH OFFSET | 0000 |
| HORIZONTAL ALERT LIMIT (HAL) | 40.0 |
| VERTICAL ALERT LIMIT (VAL) | 35.0 |

CRC REMAINDER EF03148C

ADDITIONAL PATH POINT RECORD INFORMATION

| | |
|-------------------------|--------|
| ICAO CODE | K5 |
| LTP ORTHOMETRIC HEIGHT | +03469 |
| FPAP ORTHOMETRIC HEIGHT | +03469 |

| | | | | |
|--------------------------------|--|------------------------------|--|------------|
| CITY AND STATE RICHMOND, IN | ELEVATION: 1140 TDZE: 1139 AIRPORT NAME: RICHMOND MUNI | FACILITY IDENTIFIER: RNAV | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 24, ORIG 02 JUL 2009 | SUP: |
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[illegible][illegible][illegible]

| SEGMENT | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 |
|---------|------------|--------|--------------------|---------|-------|------------|----------|---|-------|-------|------|-------|----|
| SUSAP | KRIDK5FR24 | AFRAAM | 010FRAAMK5EA0E | A | IF | | | | | 18000 | | A | JS |
| SUSAP | KRIDK5FR24 | AFRAAM | 020PEWEZK5EA0EE | | 010TF | | 32830066 | + | 02700 | | | A | JS |
| SUSAP | KRIDK5FR24 | ALEEDS | 010LEEDSK5EA0E | | IF | | | | | 18000 | | A | JS |
| SUSAP | KRIDK5FR24 | ALEEDS | 020QUIPPK5EA0E | A | 020TF | | 19070033 | + | 02700 | | | A | JS |
| SUSAP | KRIDK5FR24 | ALEEDS | 030PEWEZK5EA0EE | | 010TF | | 14820050 | + | 02700 | | | A | JS |
| SUSAP | KRIDK5FR24 | ARID | 010RID | K5D | 0V | | | | | 18000 | | A | JS |
| SUSAP | KRIDK5FR24 | ARID | 020PEWEZK5EA0EY | A | 020TF | | 05750114 | + | 02700 | | | A | JS |
| SUSAP | KRIDK5FR24 | ARID | 030PEWEZK5EA0EB | CR | HF | | 23830040 | + | 02700 | | | A | JS |
| SUSAP | KRIDK5FR24 | R | 010PEWEZK5EA0E | I | IF | | | + | 02700 | 18000 | | A | JS |
| SUSAP | KRIDK5FR24 | R | 020JERMYK5EA1E | F | 051TF | | 23830063 | + | 02700 | | RW24 | K5PGA | JS |
| SUSAP | KRIDK5FR24 | R | 020JERMYK5EA2WALPV | | | ALNAV/VNAV | ALNAV | | | | | | JS |
| SUSAP | KRIDK5FR24 | R | 030RW24 | K5PGOGY | M | 031TF | 23820047 | | 01185 | -300 | | A | JS |
| SUSAP | KRIDK5FR24 | R | 040SNACKK5EA0EYM | | 010DF | | | + | 02800 | | | A | JS |
| SUSAP | KRIDK5FR24 | R | 050SNACKK5EA0EE | HR | 020HM | | 05800040 | + | 02800 | | | A | JS |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | |
|------------------------------------|---|-------------------------------------|---|-----------------|
| CITY AND STATE RICHMOND, IN | ELEVATION: 1140 TDZE: 1139 AIRPORT NAME: RICHMOND MUNI | FACILITY IDENTIFIER: RNAV | PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 24, ORIG 02 JUL 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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RUNWAY 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KRIDK5GRW24 0055002382 N39453701W084500258-0100 +0313101138000047150I

1 2 3 4 5 6 7 8 9 0 1 2 3
PP 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KRIDK5PR24 RW24 001 0000W24A0N3945370100W08450025800+031310300N3945059500W08451003700092750000000474F400350EF03148C

SUSAP KRIDK5PR24 RW24 002E +03469+03469LPV 82112 000

1 2 3 4 5 6 7 8 9 0 1 2 3
MSA 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KRIDK5SRW24 K5PG 0 18018003125 M

CITY AND STATE

RICHMOND, IN

ELEVATION: 1140 TDZE: 1139

AIRPORT NAME:

RICHMOND MUNI

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

| ROUTES | TRANSITION | FIX | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG (TRUE) | DISTANCE | ALTITUDE |
|--------|------------|-------|-----|------|------|------|-------|-----|--------------|----------|----------|
| | FRAAM | FRAAM | 010 | IAF | IF | | FB | | | | |
| | FRAAM | PEWEZ | 020 | | TF | | FB | 1.0 | 328.3 (325T) | 006.6 | 02700 |
| | LEEDS | LEEDS | 010 | | IF | | FB | | | | |
| | LEEDS | QUIPP | 020 | IAF | TF | | FB | 2.0 | 190.7 (188T) | 003.3 | 02700 |
| | LEEDS | PEWEZ | 030 | | TF | | FB | 1.0 | 148.2 (145T) | 005.0 | 02700 |
| | RID | RID | 010 | | IF | | FB | | | | |
| | RID | PEWEZ | 020 | IAF | TF | | FO | 2.0 | 057.5 (055T) | 011.4 | 02700 |
| | RID | PEWEZ | 030 | | HF | R | FO | | 238.3 (235T) | 004.0 | 02700 |
| | | PEWEZ | 010 | FACF | IF | | FB | | | | 02700 |
| | | JERMY | 020 | FAF | TF | | FB | 0.5 | 238.3 (235T) | 006.3 | 02700 |
| | | RW24 | 030 | MAP | TF | | FO | 0.3 | 238.2 (235T) | 004.7 | 01185 |

| MISSED APPROACH | FIX | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG (TRUE) | DISTANCE | ALTITUDE |
|-----------------|-------|-----|-----|------|------|-------|-----|--------------|----------|----------|
| | SNACK | 040 | | DF | | FO | 1.0 | | | 02800 |
| | SNACK | 050 | | HM | R | FO | 2.0 | 058.0 (055T) | 004.0 | 02800 |

| POINT DATA | WAYPOINT | LAT IN SECS | LONG IN SECS | LAT IN MINS | LONG IN MINS |
|------------|----------|-------------|--------------|-------------|--------------|
| | RID | N394518.08 | W0845019.85 | N3945.301 | W08450.331 |
| | FRAAM | N394626.22 | W0843325.02 | N3946.437 | W08433.417 |
| | JERMY | N394817.99 | W0844502.64 | N3948.300 | W08445.044 |
| | LEEDS | N395918.82 | W0844126.56 | N3959.314 | W08441.443 |
| | PEWEZ | N395153.86 | W0843819.16 | N3951.898 | W08438.319 |
| | QUIPP | N395600.58 | W0844201.29 | N3956.010 | W08442.022 |
| | SNACK | N393841.00 | W0850254.34 | N3938.683 | W08502.906 |
| | RW24 | N394537.01 | W0845002.58 | N3945.617 | W08450.043 |

| RUNWAY DATA | RWY | THRESHOLD | TCH |
|-------------|------|-----------|-----|
| | | ELEVATION | |
| | RW24 | 01138 | 47 |

CITY AND STATE
RICHMOND, IN

ELEVATION: 1140 TDZE: 1139
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FACILITY IDENTIFIER:
RNAV

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SUP:
 AMDT: **NONE**
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