

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 | | | | |
| NEWMY | OLVUC (FB) | 269.75 / 10.77 | 2400 | LPV: DA LNAV/VNAV: DA LNAV: RW36 | | | |
| BEMEN | JEVSA (FB) | 135.75 / 6.83 | 2400 | | | | |
| OLVUC (IAF) | UBAGE (NOPT) (FB) | 272.47 / 5.00 | 2400 | CLIMB TO 2400 DIRECT USAVY AND HOLD. | | | |
| JEVSA (IAF) | UBAGE (NOPT) (FB) | 092.33 / 5.00 | 2400 | | | | |
| ARCOL (IAF) | UBAGE (NOPT) (FB) | 003.77 / 11.66 | 2400 | ADDITIONAL FLIGHT DATA: HOLD N, RT, 182.40 INBOUND. CHART FAS OBST: 849 TREE 400155N/0881649W DISTANCE TO THLD FROM 270 HAT: 0.72 NM. CHART VDP AT 0.97 MILES TO RW36* *LNAV ONLY. WAAS CHANNEL # 77919 REFERENCE PATH ID: W36A CHART CIRCLING ICON. CHART ASR LTP HAE: 196.4 M | | | |
| UBAGE (IF/IAF) | YOFIT (FB) | 002.40 / 6.20 | 2400 | | | | |
| YOFIT (FAF) | NIMGE/1.50 NM TO RW36 (FB) | 002.40 / 3.48 | | | | | |
| (SEE FORM 8260-10) | | | | | | | |

| | |
|--|----------------------------------|
| 1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) | |
| 2. HOLD S UBAGE, RT, 002.40 INBOUND, 2400 FT. IN LIEU OF PT (IAF) | |
| 3. FAC: 002.40 FAF: YOFIT | DIST FAF TO MAP: 4.98 THLD: 4.98 |
| 4. MIN. ALT: UBAGE 2400, YOFIT 2400, NIMGE/1.50 NM TO RW36 1260* | |
| 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ | |
| 6. MIN GS INCPT: 2400 GS ALT AT: YOFIT 2400 OM: _____ MM: _____ IM: _____ | |
| 7. GS ANGLE: 3.00 TCH: 41.8 34:1 IS CLEAR | |
| 8. MSA FROM: RW36 3100 | |

| 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 | 1022 | 1 | 270 | 1022 | 1 | 270 | 1022 | 1 | 270 | 1022 | 1 | 270 | | | |
| LNAV/VNAV DA | 1119 | 1 1/4 | 367 | 1119 | 1 1/4 | 367 | 1119 | 1 1/4 | 367 | 1119 | 1 1/4 | 367 | | | |
| LNAV MDA | 1100 | 1 | 348 | 1100 | 1 | 348 | 1100 | 1 | 348 | 1100 | 1 1/4 | 348 | | | |
| CIRCLING | 1160 | 1 | 405 | 1220 | 1 | 465 | 1500 | 2 1/4 | 745 | 1500 | 2 1/2 | 745 | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

NOTES:
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22C (-5F) OR ABOVE 54C (130F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT NEWMY ON V192 SOUTHEAST BOUND.
 (SEE FORM 8260-10)

@ CAT C 800-2 1/4, CAT D 800-2 1/2
 @ NA WHEN LOCAL WEATHER NOT AVAILABLE.

| | | | | |
|--|---|---------------------------------|---|------------|
| CITY AND STATE CHAMPAIGN/URBANA, IL | ELEVATION: 755 TDZE: 752 | FACILITY IDENTIFIER: RNAV | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, ORIG-A 5 MARCH 2015 | SUP: |
| | AIRPORT NAME: UNIVERSITY OF ILLINOIS-WILLARD | | | AMDT: ORIG |
| | DATED 09/23/2010 | | | |

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

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TERMINAL ROUTES, (CONT.):

| FROM | TO | COURSE AND DISTANCE | ALTITUDE |
|-----------------------|-----------------|---------------------|----------|
| NIMGE/1.50 NM TO RW36 | RW36 (MAP) (FO) | 002.40 / 1.50 | |
| RW36 (MAP) | 1022 MSL | 002.40 | |
| 1022 MSL | USAVY (FO) | | 2400 |

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ARCOL ON V429 SOUTHBOUND.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE RANTOUL ALTIMETER SETTING AND INCREASE ALL DA 41 FEET AND ALL MDA 60 FEET, INCREASE LNAV/VNAV VISIBILITY ALL CATS AND LNAV CAT C VISIBILITY 1/4 MILE.

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

CITY AND STATE

CHAMPAIGN/URBANA, IL

ELEVATION: 755

TDZE: 752

AIRPORT NAME:

UNIVERSITY OF ILLINOIS-WILLARD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 36, ORIG-A

5 MARCH 2015

SUP:

AMDT: ORIG

DATED: 09/23/2010

QUALITY
4

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KCMJ
RUNWAY RW36
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W36A
LTP/FTP LATITUDE 400157.0595N
LTP/FTP LONGITUDE 0881655.5610W
LTP/FTP ELLIPSOIDAL HEIGHT +01964
FPAP LATITUDE 400326.2225N
FPAP LONGITUDE 0881656.7760W
THRESHOLD CROSSING HEIGHT (TCH) 00041.8
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1136
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

E5DBEF87

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5
LTP ORTHOMETRIC HEIGHT +02284
FPAP ORTHOMETRIC HEIGHT +02284



| | | | | |
|--|---|---------------------------------|---|-------------------|
| CITY AND STATE CHAMPAIGN/URBANA, IL | ELEVATION: 755 TDZE: 752 AIRPORT NAME: UNIVERSITY OF ILLINOIS-WILLARD | FACILITY IDENTIFIER: RNAV | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, ORIG-A 5 MARCH 2015 | SUP: |
| | | | | AMDT: ORIG |
| | | | | DATED: 09/23/2010 |

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[illegible][illegible]

| SEGMENT | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | |
|---------|------------|--------|-----|--------------|---------|------------------|----------|---|------------|-------|------|-------|----|----|
| SUSAP | KCMIK5FR36 | AARCOL | 010 | ARCOLK5EA0E | A | IF | | | | 18000 | | A | JS | |
| SUSAP | KCMIK5FR36 | AARCOL | 020 | UBAGEK5EA0EE | B | 010TF | 00380117 | + | 02400 | | | A | JS | |
| SUSAP | KCMIK5FR36 | ABEMEN | 010 | BEMENK5EA0E | | IF | | | | 18000 | | A | JS | |
| SUSAP | KCMIK5FR36 | ABEMEN | 020 | JEVSAK5EA0E | A | 020TF | 13580068 | + | 02400 | | | A | JS | |
| SUSAP | KCMIK5FR36 | ABEMEN | 030 | UBAGEK5EA0EE | B | 010TF | 09230050 | + | 02400 | | | A | JS | |
| SUSAP | KCMIK5FR36 | ANEWMY | 010 | NEWMYK5EA0E | | IF | | | | 18000 | | A | JS | |
| SUSAP | KCMIK5FR36 | ANEWMY | 020 | OLVUCK5EA0E | A | 020TF | 26980108 | + | 02400 | | | A | JS | |
| SUSAP | KCMIK5FR36 | ANEWMY | 030 | UBAGEK5EA0EE | B | 010TF | 27250050 | + | 02400 | | | A | JS | |
| SUSAP | KCMIK5FR36 | AUBAGE | 010 | UBAGEK5EA0EE | AR | HF | 00240040 | + | 02400 | 18000 | | A | JS | |
| SUSAP | KCMIK5FR36 | R | 010 | UBAGEK5EA0E | I | IF | | + | 02400 | 18000 | | A | JS | |
| SUSAP | KCMIK5FR36 | R | 020 | YOFITK5EA1E | F | 051TF | 00240062 | + | 02400 | | RW36 | K5PGA | JS | |
| SUSAP | KCMIK5FR36 | R | 020 | YOFITK5EA2 | WALPV | ALNAV/VNAV ALNAV | | | | | | | JS | |
| SUSAP | KCMIK5FR36 | R | 021 | NIMGEK5EA0E | S | 031TF | 00240035 | V | 0126001271 | | -300 | | A | JS |
| SUSAP | KCMIK5FR36 | R | 030 | RW36 | K5PG0GY | M | 00240015 | | 00791 | | -300 | | A | JS |
| SUSAP | KCMIK5FR36 | R | 040 | | 0 | M | 0024 | + | 01022 | | | | A | JS |
| SUSAP | KCMIK5FR36 | R | 050 | USAVYK5EA0EY | | DF | | + | 02400 | | | | A | JS |
| SUSAP | KCMIK5FR36 | R | 060 | USAVYK5EA0EE | R | HM | 18240040 | + | 02400 | | | | A | JS |

[illegible]

| | | | | | |
|--|--------------------------------|-----------|----------------------|--|-------------------|
| CITY AND STATE CHAMPAIGN/URBANA, IL | ELEVATION: 755 | TDZE: 752 | FACILITY IDENTIFIER: | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: | SUP: |
| | AIRPORT NAME: | | | RNAV (GPS) RWY 36, ORIG-A | AMDT: ORIG |
| | UNIVERSITY OF ILLINOIS-WILLARD | | RNAV | 5 MARCH 2015 | DATED: 09/23/2010 |

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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| | | | | | | | | | | | | | |
|----|--|--|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 |
| PP | 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012 | | | | | | | | | | | | |
| | ----- | | | | | | | | | | | | |
| | SUSAP KCMIK5PR36 | RW36 001 0000W36A0N4001570595W08816555610+019640300N4003262225W08816567760106751136000418F400500E5DBEF87 | | | | | | | | | | | |
| | SUSAP KCMIK5PR36 | RW36 002E +02284+02284LPV 77919 | | | | | | | | | | | |

| | | | | | | | | | | | | | |
|-----|--|---------------|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 |
| MSA | 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012 | | | | | | | | | | | | |
| | ----- | | | | | | | | | | | | |
| | SUSAP KCMIK5SRW36 K5PG | 0 18018003125 | M | | | | | | | | | | |

CITY AND STATE
CHAMPAIGN/URBANA, IL

ELEVATION: **755** TDZE: **752**
 AIRPORT NAME:
UNIVERSITY OF ILLINOIS-WILLARD

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) RWY 36, ORIG-A
5 MARCH 2015

SUP:
 AMDT: **ORIG**
 DATED: **09/23/2010**

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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 |
|--------|------------|-------|-----|------|------|------|-------|-----|----------------|----------|----------|----------|
| | ARCOL | ARCOL | 010 | IAF | IF | | FB | | | | | |
| | ARCOL | UBAGE | 020 | | TF | | FB | 1.0 | 003.8 (000.8T) | 011.7 | AA 02400 | |
| | BEMEN | BEMEN | 010 | | IF | | FB | | | | | |
| | BEMEN | JEVSA | 020 | IAF | TF | | FB | 2.0 | 135.8 (132.8T) | 006.8 | AA 02400 | |
| | BEMEN | UBAGE | 030 | | TF | | FB | 1.0 | 092.3 (089.3T) | 005.0 | AA 02400 | |
| | NEWMY | NEWMY | 010 | | IF | | FB | | | | | |
| | NEWMY | OLVUC | 020 | IAF | TF | | FB | 2.0 | 269.8 (266.8T) | 010.8 | AA 02400 | |
| | NEWMY | UBAGE | 030 | | TF | | FB | 1.0 | 272.5 (269.5T) | 005.0 | AA 02400 | |
| | UBAGE | UBAGE | 010 | IAF | HF | R | FO | | 002.4 (359.4T) | 004.0 | AA 02400 | |
| | | UBAGE | 010 | FACF | IF | | FB | | | | AA 02400 | |
| | | YOFIT | 020 | FAF | TF | | FB | 0.5 | 002.4 (359.4T) | 006.2 | AA 02400 | |
| | | NIMGE | 021 | SDF | TF | | FB | 0.3 | 002.4 (359.4T) | 003.5 | AA 01260 | GS 01271 |
| | | RW36 | 030 | MAP | TF | | FO | 0.3 | 002.4 (359.4T) | 001.5 | AT 00791 | |

| MISSED APPROACH | FIX | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG(TRUE) | DISTANCE | ALTITUDE | SPEED |
|-----------------|-------|-----|-----|------|------|-------|-----|----------------|----------|----------|-------|
| | | 040 | | CA | | FB | | 002.4 (359.4T) | | AA 01022 | |
| | USAVY | 050 | | DF | | FO | | | | AA 02400 | |
| | USAVY | 060 | | HM | R | FO | | 182.4 (179.4T) | 004.0 | AA 02400 | |

| POINT DATA | WAYPOINT | LAT IN SECS | LONG IN SECS | LAT IN MINS | LONG IN MINS |
|------------|----------|-------------|--------------|-------------|--------------|
| | ARCOL | N393905.83 | W0881658.71 | N3939.097 | W08816.979 |
| | BEMEN | N395520.92 | W0882946.47 | N3955.349 | W08829.775 |
| | JEVSA | N395042.44 | W0882315.92 | N3950.707 | W08823.265 |
| | NEWMY | N395126.22 | W0875619.21 | N3951.437 | W08756.320 |
| | NIMGE | N400027.00 | W0881654.33 | N4000.450 | W08816.906 |
| | OLVUC | N395048.73 | W0881016.95 | N3950.812 | W08810.283 |
| | UBAGE | N395045.77 | W0881646.44 | N3950.763 | W08816.774 |
| | USAVY | N401359.51 | W0881705.43 | N4013.992 | W08817.091 |
| | YOFIT | N395657.87 | W0881651.49 | N3956.965 | W08816.858 |
| | RW36 | N400157.06 | W0881655.56 | N4001.951 | W08816.926 |

| RUNWAY DATA | RWY | THRESHOLD ELEVATION | TCH |
|-------------|------|---------------------|-----|
| | RW36 | 00749 | 42 |

CITY AND STATE
CHAMPAIGN/URBANA, IL

ELEVATION: 755 TDZE: 752
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PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
 RNAV (GPS) RWY 36, ORIG-A
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