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|---|----------------------------|---------------------|----------|--|-----|------------|--------|------------------------------|---------|---|-----|---------|--------|-----------------------------|---------|
| 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. | | | | | | | | | | | |
| US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION | | | | | | | | | | | | | | | |
| TERMINAL ROUTES | | | | MISSED APPROACH | | | | | | | | | | | |
| FROM | TO | COURSE AND DISTANCE | ALTITUDE | LPV: DA LNAV/VNAV: DA LNAV: RW15 CLIMB TO 3000 DIRECT YEBUY AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 329.86 INBOUND. CHART FAS OBST: 1109 TREE 442050N/0943059W DISTANCE TO THLD FROM 250 HATH: 0.66 NM. WAAS CHANNEL # 87131 REFERENCE PATH ID: W15A LTP HAE: 278.4 M | | | | | | | | | | | |
| BEEGR | KADPE (FO) | 255.54 / 15.54 | 3000 | | | | | | | | | | | | |
| OSHOV (IAF) | KADPE (NOPT) (FB) | 096.02 / 7.37 | 3000 | | | | | | | | | | | | |
| WIDIS (IAF) | KADPE (NOPT) (FB) | 213.47 / 21.14 | 3000 | | | | | | | | | | | | |
| KADPE (IF/IAF) | WOTVO (FB) | 149.67 / 6.30 | 2500 | | | | | | | | | | | | |
| WOTVO (FAF) | ZARMO/2.30 NM TO RW15 (FB) | 149.72 / 2.27 | | | | | | | | | | | | | |
| ZARMO/2.30 NM TO RW15 | RW15 (MAP) (FO) | 149.72 / 2.30 | | | | | | | | | | | | | |
| RW15 (MAP) | 1255 MSL | 149.72 | | | | | | | | | | | | | |
| 1255 MSL | YEBUY (FO) | | 3000 | | | | | | | | | | | | |
| 1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) | | | | MAG VAR: 1E EPOCH YEAR: 2015 | | | | | | | | | | | |
| 2. HOLD NW KADPE, RT, 149.67 INBOUND, 3000 FT. IN LIEU OF PT (IAF) | | | | | | | | | | | | | | | |
| 3. FAC: <u>149.72</u> FAF: <u>WOTVO</u> DIST FAF TO MAP: <u>4.57</u> THLD: <u>4.57</u> | | | | | | | | | | | | | | | |
| 4. MIN. ALT: KADPE 3000, WOTVO 2500, ZARMO/2.30 NM TO RW15 1760* | | | | | | | | | | | | | | | |
| 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>2500</u> GS ALT AT: <u>WOTVO 2500</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> | | | | | | | | | | | | | | | |
| 7. GS ANGLE: <u>3.00</u> TCH: <u>40.0</u> 34:1 IS NOT CLEAR | | | | | | | | | | | | | | | |
| 8. MSA FROM: RW15 3200 | | | | | | | | | | | | | | | |
| 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 | 1255 | 1 | 250 | 1255 | 1 | 250 | 1255 | 1 | 250 | 1255 | 1 | 250 | | | |
| LNAV/VNAV DA | 1255 | 1 | 250 | 1255 | 1 | 250 | 1255 | 1 | 250 | 1255 | 1 | 250 | | | |
| LNAV MDA | 1360 | 1 | 355 | 1360 | 1 | 355 | 1360 | 1 | 355 | 1360 | 1 | 355 | | | |
| CIRCLING | 1420 | 1 | 409 | 1480 | 1 | 469 | 1480 | 1 1/2 | 469 | 1620 | 2 | 609 | | | |
| | | | | | | | | | | | | | | | |
| NOTES: CHART NOTE: BARO-VNAV NA WHEN USING ST JAMES ALTIMETER SETTING. @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. *LNAV ONLY (SEE FORM 8260-10) | | | | | | | | | | | | | | | |
| CITY AND STATE NEW ULM, MN | | | | ELEVATION: 1011 THRE: 1005 AIRPORT NAME: NEW ULM MUNI | | | | FACILITY IDENTIFIER: RNAV | | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 15, ORIG 2 MAY 2013 | | | | SUP: AMDT: NONE DATED | |

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: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ST JAMES ALTIMETER SETTING AND INCREASE

ALL DA 55 FT AND ALL MDA 60 FT: INCREASE LNAV CATS C AND D VISIBILITY 1/8 MILE.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED.

CHART NOTE: RWY 15 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT.

CITY AND STATE

NEW ULM, MN

ELEVATION: 1011

THRE: 1005

AIRPORT NAME:

NEW ULM MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 15, ORIG

2 MAY 2013

SUP:

AMDT: NONE

DATED:

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 INFORMATION

| <u>DATA FIELD</u> | <u>DATA</u> |
|--|---------------|
| OPERATION TYPE | 0 |
| SBAS SERVICE PROVIDER IDENTIFIER | 0 |
| AIRPORT IDENTIFIER | KULM |
| RUNWAY | RW15 |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | 0 |
| REFERENCE PATH DATA SELECTOR | W15A |
| REFERENCE PATH IDENTIFIER (APPROACH ID) | 441926.6060N |
| LTP/FTP LATITUDE | 0943023.0990W |
| LTP/FTP LONGITUDE | +02784 |
| LTP/FTP ELLIPSOIDAL HEIGHT | 441808.8600N |
| FPAP LATITUDE | 0942922.4900W |
| FPAP LONGITUDE | 00040.0 |
| THRESHOLD CROSSING HEIGHT (TCH) | F |
| TCH UNITS SELECTOR (METERS OR FEET USED) | 03.00 |
| GLIDEPATH ANGLE (GPA) | 106.75 |
| COURSE WIDTH AT THRESHOLD | 1104 |
| LENGTH OFFSET | 40.0 |
| HORIZONTAL ALERT LIMIT (HAL) | 50.0 |
| VERTICAL ALERT LIMIT (VAL) | |

CRC REMAINDER EA2B40D4

ADDITIONAL PATH POINT RECORD INFORMATION

| | |
|-------------------------|--------|
| ICAO CODE | K3 |
| LTP ORTHOMETRIC HEIGHT | +03064 |
| FPAP ORTHOMETRIC HEIGHT | +03064 |

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|-------------------------------|--|---------------------------------|---|------------|
| CITY AND STATE NEW ULM, MN | ELEVATION: 1011 THRE: 1005 AIRPORT NAME: NEW ULM MUNI | FACILITY IDENTIFIER: RNAV | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 15, ORIG 2 MAY 2013 | SUP: |
| | | | | AMDT: NONE |
| | | | | DATED: |

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[illegible]

| SEGMENT | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 |
|---------|------------|--------|--------------------|-----------------|------------|----------|---|------------|---|-------|------|-------|----|
| SUSAP | KULMK3FR15 | ABEEGR | 010BEEGRK3EA0E | IF | | | | | | 18000 | | A JS | |
| SUSAP | KULMK3FR15 | ABEEGR | 020KADPEK3EA0EY | 020TF | | 25550155 | + | 03000 | | | | A JS | |
| SUSAP | KULMK3FR15 | ABEEGR | 030KADPEK3EA0EE | AR HF | | 14970040 | + | 03000 | | | | A JS | |
| SUSAP | KULMK3FR15 | AOSHOF | 010OSHOFK3EA0E | A IF | | | | | | 18000 | | A JS | |
| SUSAP | KULMK3FR15 | AOSHOF | 020KADPEK3EA0EE | B 010TF | | 09600074 | + | 03000 | | | | A JS | |
| SUSAP | KULMK3FR15 | AWIDIS | 010WIDISK3EA0E | A IF | | | | | | 18000 | | A JS | |
| SUSAP | KULMK3FR15 | AWIDIS | 020KADPEK3EA0EE | B 010TF | | 21350211 | + | 03000 | | | | A JS | |
| SUSAP | KULMK3FR15 | R | 010KADPEK3EA0E | I IF | | | + | 03000 | | 18000 | | A JS | |
| SUSAP | KULMK3FR15 | R | 020WOTVOK3EA1E | F 051TF | | 14970063 | + | 02500 | | | RW15 | K3PGA | JS |
| SUSAP | KULMK3FR15 | R | 020WOTVOK3EA2WALPV | | ALNAV/VNAV | ALNAV | | | | | | JS | |
| SUSAP | KULMK3FR15 | R | 021ZARMOK3EA0E | S 031TF | | 14970023 | V | 0176001778 | | -300 | | A JS | |
| SUSAP | KULMK3FR15 | R | 030RW15 | K3PG0GY M 031TF | | 14970023 | | 01045 | | -300 | | A JS | |
| SUSAP | KULMK3FR15 | R | 040 | 0 M CA | | 1497 | + | 01255 | | | | A JS | |
| SUSAP | KULMK3FR15 | R | 050YEBUYK3EA0EY | DF | | | + | 03000 | | | | A JS | |
| SUSAP | KULMK3FR15 | R | 060YEBUYK3EA0EE | R HM | | 32990040 | + | 03000 | | | | A JS | |

[illegible][illegible]FAA FORM 8260 - 10 / April 2006 (Computer Generated)

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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SUSAP KULMK3PR15 RW15 002E +03064+03064LPV 87131

| | | | | | | | | | | | | | |
|-----|--|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 |
| MSA | 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012 | | | | | | | | | | | | |

| | | | |
|------------------------|---|-------------|---|
| SUSAP KULMK3SRW15 K3PG | 0 | 18018003225 | M |
|------------------------|---|-------------|---|

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|--------------------------------------|--|--|---|-------------------|
| CITY AND STATE NEW ULM, MN | ELEVATION: 1011 THRE: 1005 | FACILITY IDENTIFIER: RNAV | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 15, ORIG 2 MAY 2013 | SUP: |
| | AIRPORT NAME: NEW ULM MUNI | | | AMDT: NONE |
| | | | | DATED: |

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
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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 |
|--------|------------|-------|-----|------|------|------|-------|-----|----------------|----------|----------|----------|
| | BEEGR | BEEGR | 010 | | IF | | FB | | | | | |
| | BEEGR | KADPE | 020 | | TF | | FO | 2.0 | 255.5 (256.5T) | 015.5 | AA 03000 | |
| | BEEGR | KADPE | 030 | IAF | HF | R | FO | | 149.7 (150.7T) | 004.0 | AA 03000 | |
| | OSHO | OSHO | 010 | IAF | IF | | FB | | | | | |
| | OSHO | KADPE | 020 | | TF | | FB | 1.0 | 096.0 (097.0T) | 007.4 | AA 03000 | |
| | WIDIS | WIDIS | 010 | IAF | IF | | FB | | | | | |
| | WIDIS | KADPE | 020 | | TF | | FB | 1.0 | 213.5 (214.5T) | 021.1 | AA 03000 | |
| | | KADPE | 010 | FACF | IF | | FB | | | | AA 03000 | |
| | | WOTVO | 020 | FAF | TF | | FB | 0.5 | 149.7 (150.7T) | 006.3 | AA 02500 | |
| | | ZARMO | 021 | SDF | TF | | FB | 0.3 | 149.7 (150.7T) | 002.3 | AA 01760 | GS 01778 |
| | | RW15 | 030 | MAP | TF | | FO | 0.3 | 149.7 (150.7T) | 002.3 | AT 01045 | |

| MISSED APPROACH | FIX | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG (TRUE) | DISTANCE | ALTITUDE | SPEED |
|-----------------|-------|-----|-----|------|------|-------|-----|----------------|----------|----------|-------|
| | | 040 | | CA | | FB | | 149.7 (150.7T) | | AA 01255 | |
| | YEBUY | 050 | | DF | | FO | | | | AA 03000 | |
| | YEBUY | 060 | | HM | R | FO | | 329.9 (330.9T) | 004.0 | AA 03000 | |

| POINT DATA | WAYPOINT | LAT IN SECS | LONG IN SECS | LAT IN MINS | LONG IN MINS |
|------------|----------|-------------|--------------|-------------|--------------|
| | BEEGR | N443234.58 | W0941641.15 | N4432.576 | W09416.686 |
| | KADPE | N442855.47 | W0943748.09 | N4428.925 | W09437.802 |
| | OSHO | N442949.94 | W0944801.14 | N4429.832 | W09448.019 |
| | WIDIS | N444622.21 | W0942105.54 | N4446.370 | W09421.092 |
| | WOTVO | N442325.72 | W0943329.80 | N4423.429 | W09433.497 |
| | YEBUY | N440903.85 | W0942219.17 | N4409.064 | W09422.320 |
| | ZARMO | N442127.02 | W0943157.06 | N4421.450 | W09431.951 |
| | RW15 | N441926.61 | W0943023.10 | N4419.444 | W09430.385 |

| RUNWAY DATA | RWY | THRESHOLD ELEVATION | TCH |
|-------------|------|---------------------|-----|
| | RW15 | 01005 | 40 |

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| | | | | | |
|--------------------------------------|--------------------------------------|-------------------|-------------------------------------|---|-------------------|
| CITY AND STATE NEW ULM, MN | ELEVATION: 1011 | THRE: 1005 | FACILITY IDENTIFIER: RNAV | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 15, ORIG 2 MAY 2013 | SUP: |
| | AIRPORT NAME: NEW ULM MUNI | | | | AMDT: NONE |
| | | | | | DATED: |