

| | | | | | | | | | | | | | | | | | |
|---|--------|-------------------|---------|---|-------|--|----------|--|--|------------------------|-----|---|--------|-----|---------|-------------------------------------|--|
| 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: RW36 CLIMB TO 2100 DIRECT GOSTE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 181.62 INBOUND. CHART FAS OBST: 394 TREE 363510N/0895925W CHART FAS OBST: 394 TREE 363510N/0895902W CHART 884 TOWER 363042N/0895849W. DISTANCE TO THLD FROM 250 HAT: 0.65 NM. CHART VDP AT 1.01 MILES TO RW36* *LNAV ONLY. WAAS CHANNEL # 93815 REFERENCE PATH ID: W36A | | | | | | | | |
| ARG VORTAC | | CHRLS (FB) | | 067.82 / 45.01 | | | 2100 | | | | | | | | | | |
| DYR VORTAC | | SHRRN (FB) | | 310.52 / 36.12 | | | 2100 | | | | | | | | | | |
| CHRLS (IAF) | | DROSS (NOPT) (FB) | | 091.56 / 5.00 | | | 2100 | | | | | | | | | | |
| SHRRN (IAF) | | DROSS (NOPT) (FB) | | 271.68 / 5.00 | | | 2100 | | | | | | | | | | |
| DROSS (IF/IAF) | | VRNEL (FB) | | 001.62 / 6.05 | | | 2100 | | | | | | | | | | |
| 1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD S DROSS, RT, 001.62 INBOUND, 2100 FT. IN LIEU OF PT (IAF) 3. FAC: <u>001.62</u> FAF: <u>VRNEL</u> DIST FAF TO MAP: <u>5.45</u> THLD: <u>5.45</u> 4. MIN. ALT: <u>DROSS 2100, VRNEL 2100, ONCE/1.60 NM TO RW36 820*</u> 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>2100</u> GS ALT AT: <u>VRNEL</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>45.0</u> <u>34:1 IS CLEAR</u> 8. MSA FROM: <u>RW36 2300</u> | | | | | | | | | | MAG VAR: 1W | | EPOCH YEAR: 2010 | | | | | |
| MINIMUMS | | | | | | | | | | | | | | | | | |
| TAKEOFF: | | STANDARD | | <input checked="" type="checkbox"/> X | | SEE FAA FORM 8260-15A FOR THIS AIRPORT | | | | ALTERNATE: N A | | <input checked="" type="checkbox"/> 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 | 543 | 1 | 250 | 543 | 1 | 250 | 543 | 1 | 250 | | NA | | | | | | |
| LNAV/VNAV DA | 698 | 1 1/2 | 405 | 698 | 1 1/2 | 405 | 698 | 1 1/2 | 405 | | NA | | | | | | |
| LNAV MDA | 660 | 1 | 367 | 660 | 1 | 367 | 660 | 1 | 367 | | NA | | | | | | |
| CIRCLING | | 720 | 1 | 426 | 820 | 1 | 526 | 820 | 1 1/2 | 526 | | NA | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| NOTES: CHART NOTE: DME/DME RNP-0.3 NA. *LNAV ONLY CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE POPLAR BLUFF ALTIMETER SETTING AND INCREASE ALL DA 50 FEET, ALL MDA 60 FEET AND LNAV CAT C VISIBILITY 1/4 MILE. SEE 8260-10 | | | | | | | | | | | | | | | | | |
| CITY AND STATE MALDEN, MO | | | | ELEVATION: 294 TDZE: 293 AIRPORT NAME: MALDEN RGNL | | | | FACILITY IDENTIFIER: RNAV | | | | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, AMDT 1A 14 JAN 2010 | | | | SUP: AMDT: 1 DATED 10/22/2009 | |



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

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NOTES CONT.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F).

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

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON ARG VORTAC AIRWAY RADIALS 016 CW 089.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT DYP VORTAC VIA V140 EASTBOUND.

QUALITY
9
CHECKED

CITY AND STATE

MALDEN, MO

ELEVATION: 294 TDZE: 293

AIRPORT NAME:

MALDEN RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 36, AMDT 1A

14 JAN 2010

SUP:

AMDT: 1

DATED: 10/22/2009

**RNAV (GPS) 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 | KMAW |
| RUNWAY | RW36 |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | |
| REFERENCE PATH DATA SELECTOR | 0 |
| REFERENCE PATH IDENTIFIER (APPROACH ID) | W36A |
| LTP/FTP LATITUDE | 363537.2400N |
| LTP/FTP LONGITUDE | 0895936.8500W |
| LTP/FTP ELLIPSOIDAL HEIGHT | +00803 |
| FPAP LATITUDE | 363706.4500N |
| FPAP LONGITUDE | 0895935.6500W |
| THRESHOLD CROSSING HEIGHT (TCH) | 00045.0 |
| 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

889F23E0

ADDITIONAL PATH POINT RECORD INFORMATION

| | |
|-------------------------|--------|
| ICAO CODE | K3 |
| LTP ORTHOMETRIC HEIGHT | +00890 |
| FPAP ORTHOMETRIC HEIGHT | +00890 |

QUALITY
9
CHECKED

| | | | | |
|----------------------------------|---|----------------------------------|---|-------------------|
| CITY AND STATE MALDEN, MO | ELEVATION: 294 TDZE: 293 AIRPORT NAME: MALDEN RGNL | FACILITY IDENTIFIER: RNAV | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, AMDT 1A 14 JAN 2010 | SUP: |
| | | | | AMDT: 1 |
| | | | | DATED: 10/22/2009 |

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

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.

ARINC PACKET - 424-18 - RNAV (GPS)

[illegible][illegible][illegible]

| SEGMENT | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 |
|---------|------------|--------|--------------------|-----------------|------------------|----------|---|--------------|---|-------|------|----------|---|
| SUSAP | KMAWK3FR36 | AARG | 010ARG | K4D 0V | IF | | | | | 18000 | | A JS | |
| SUSAP | KMAWK3FR36 | AARG | 020CHRLSK4EA0E | A 020TF | | 06780450 | | + 02100 | | | | A JS | |
| SUSAP | KMAWK3FR36 | AARG | 030DROSSK3EA0EE | B 010TF | | 09160050 | | + 02100 | | | | A JS | |
| SUSAP | KMAWK3FR36 | ADROSS | 010DROSSK3EA0EE | AR HF | | 00160040 | | + 02100 | | 18000 | | A JS | |
| SUSAP | KMAWK3FR36 | ADYR | 010DYR | K7D 0V | IF | | | | | 18000 | | A JS | |
| SUSAP | KMAWK3FR36 | ADYR | 020SHRRNK3EA0E | A 020TF | | 31050361 | | + 02100 | | | | A JS | |
| SUSAP | KMAWK3FR36 | ADYR | 030DROSSK3EA0EE | B 010TF | | 27170050 | | + 02100 | | | | A JS | |
| SUSAP | KMAWK3FR36 | R | 010DROSSK3EA0E | I IF | | | | + 02100 | | 18000 | | A JS | |
| SUSAP | KMAWK3FR36 | R | 020VRNELK3EA1E | F 051TF | | 00160061 | | + 02100 | | | RW36 | K3PGA JS | |
| SUSAP | KMAWK3FR36 | R | 020VRNELK3EA2WALPV | | ALNAV/VNAV ALNAV | | | | | | | JS | |
| SUSAP | KMAWK3FR36 | R | 021ONCEFK3EA0E | S 031TF | | 00160039 | | V 0082000849 | | -300 | | A JS | |
| SUSAP | KMAWK3FR36 | R | 030RW36 | K3PG0GY M 031TF | | 00160016 | | 00337 | | -300 | | A JS | |
| SUSAP | KMAWK3FR36 | R | 040 | 0 M 010CA | | 0016 | | + 00543 | | | | A JS | |
| SUSAP | KMAWK3FR36 | R | 050GOSTEK3EA0EY | 010DF | | | | + 02100 | | | | A JS | |
| SUSAP | KMAWK3FR36 | R | 060GOSTEK3EA0EE | R020HM | | 18160040 | | + 02100 | | | | A JS | |

QUALITY
7
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CITY AND STATE
MALDEN, MO

ELEVATION: 294 TDZE: 293
AIRPORT NAME:
MALDEN RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 36, AMDT 1A
14 JAN 2010

| | |
|--------|------------|
| SUP: | |
| AMDT: | 1 |
| DATED: | 10/22/2009 |

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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| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 |
|------------------------|--|--------------------------|-------------|---|---|---|---|---|---|---|---|---|-----------------------|
| RUNWAY | 1234567890123456789012345678901234567890123456789012345678901234567890123456789012 | | | | | | | | | | | | |
| SUSAP KMAWK3GRW36 | 0050110016 | N36353724WC89593685+0000 | | | | | | | | | | | +0060300292000045075R |
| PP | 1234567890123456789012345678901234567890123456789012345678901234567890123456789012 | | | | | | | | | | | | |
| SUSAP KMAWK3PR36 | RW36 001 0000W36A0N3635372400W08959368500+006030300N3637064500W08959356500106751224000450F400500889F23E0 | | | | | | | | | | | | |
| SUSAP KMAWK3PR36 | RW36 002E | +00890+00890LPV | | | | | | | | | | | 93815 |
| MSA | 1234567890123456789012345678901234567890123456789012345678901234567890123456789012 | | | | | | | | | | | | |
| SUSAP KMAWK3SRW36 K3PG | | 0 | 18018002325 | | | | | | | | | | M |

QUALITY
1
CHECKED

CITY AND STATE
MALDEN, MO

ELEVATION: 294 TDZE: 293
 AIRPORT NAME:
 MALDEN RGNL

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PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
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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 |
|--------|------------|-------|-----|------|------|------|-------|-----|--------------|----------|------------|
| | ARG | ARG | 010 | | IF | | FB | | | | |
| | ARG | CHRLS | 020 | IAF | TF | | FB | 2.0 | 067.8 (067T) | 045.0 | 02100 |
| | ARG | DROSS | 030 | IF | TF | | FB | 1.0 | 091.6 (091T) | 005.0 | 02100 |
| | DROSS | DROSS | 010 | IAF | HF | R | FO | | 001.6 (001T) | 004.0 | 02100 |
| | DYR | DYR | 010 | | IF | | FB | | | | |
| | DYR | SHRRN | 020 | IAF | TF | | FB | 2.0 | 310.5 (310T) | 036.1 | 02100 |
| | DYR | DROSS | 030 | IF | TF | | FB | 1.0 | 271.7 (271T) | 005.0 | 02100 |
| | | DROSS | 010 | FACF | IF | | FB | | | | 02100 |
| | | VRNEL | 020 | FAF | TF | | FB | 0.5 | 001.6 (001T) | 006.1 | 02100 |
| | | ONCEF | 021 | SDF | TF | | FB | 0.3 | 001.6 (001T) | 003.9 | 0082000849 |
| | | RW36 | 030 | MAP | TF | | FO | 0.3 | 001.6 (001T) | 001.6 | 00337 |

| MISSED APPROACH | FIX | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG (TRUE) | DISTANCE | ALTITUDE |
|-----------------|-------|-----|-----|------|------|-------|-----|--------------|----------|----------|
| | | 040 | | CA | | FB | 1.0 | 001.6 (001T) | | 00543 |
| | GOSTE | 050 | | DF | | FO | 1.0 | | | 02100 |
| | GOSTE | 060 | | HM | R | FO | 2.0 | 181.6 (181T) | 004.0 | 02100 |

| POINT DATA | WAYPOINT | LAT IN SECS | LONG IN SECS | LAT IN MINS | LONG IN MINS |
|------------|----------|-------------|--------------|-------------|--------------|
| | ARG | N360635.95 | W0905713.23 | N3606.599 | W09057.221 |
| | DYR | N360106.78 | W0891903.69 | N3601.113 | W08919.062 |
| | CHRLS | N362409.43 | W0900557.70 | N3624.157 | W09005.962 |
| | DROSS | N362406.34 | W0895946.10 | N3624.106 | W08959.768 |
| | GOSTE | N364757.66 | W0895926.88 | N3647.961 | W08959.448 |
| | ONCEF | N363401.12 | W0895938.14 | N3634.019 | W08959.636 |
| | SHRRN | N362402.93 | W0895334.50 | N3624.049 | W08953.575 |
| | VRNEL | N363009.59 | W0895941.24 | N3630.160 | W08959.687 |
| | RW36 | N363537.24 | W0895936.85 | N3635.621 | W08959.614 |

| RUNWAY DATA | THRESHOLD | ELEVATION | TCH |
|-------------|-----------|-----------|-----|
| RWY | | | |
| RW36 | 00292 | | 45 |

QUALITY
1
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CITY AND STATE
MALDEN, MO

ELEVATION: 294 TDZE: 293
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FACILITY
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PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 36, AMDT 1A
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