

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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 | |
| GEP VORTAC | REGUE LOM | 130.46 / 45.16 | 3500 | ILS: DA LOC: 6.57 MILES AFTER REGUE LOM |
| FGT VORTAC | REGUE LOM | 088.77 / 23.00 | 3000 | |
| | | | | CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 3000 DIRECT REGUE LOM AND HOLD, OR AS DIRECTED BY ATC. |
| | | | | ALTERNATE MA: CLIMB TO 2500 THEN CLIMBING LEFT TURN TO 3000 DIRECT FGT VORTAC AND HOLD. |
| | | | | ADDITIONAL FLIGHT DATA: CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD E FGT VORTAC, LT, 265.00 INBOUND. FAS OBST: 1241 AAO 443459N/0923725W CHART: (JWLFD) AT 443602.38N/0924735.53W |

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD W REGUE LOM, RT, 091.04 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 091.04 FAF: REGUE LOM DIST FAF TO MAP: 6.57 THLD: 6.57
- MIN. ALT: REGUE LOM 3000
- DIST TO THLD FROM OM: 6.57 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 949
- MIN GS INCPT: 3000 GS ALT AT: - OM: 2964 MM: - IM: -
- GS ANGLE: 3.00 TCH: 49.7
- MSA FROM: RG LOM 2800

MAG VAR: 2E

EPOCH YEAR: 1995

| MINIMUMS | | | | | | | | | | | | | | | |
|---|--------|-----|---------|--------|-------|---------|--------|-------|---------|----------------|-------|---------|--------|-----|---------|
| TAKEOFF: 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 |
| S-ILS 9 | 978 | 1/2 | 200 | 978 | 1/2 | 200 | 978 | 1/2 | 200 | 978 | 1/2 | 200 | | | |
| S-LOC 9 | 1520 | 1/2 | 742 | 1520 | 3/4 | 742 | 1520 | 1 3/4 | 742 | 1520 | 1 3/4 | 742 | | | |
| CIRCLING | 1520 | 1 | 742 | 1520 | 1 1/4 | 742 | 1540 | 2 1/4 | 762 | 1540 | 2 1/2 | 762 | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

NOTES:
CHART NOTE: ADF REQUIRED.
CHART PLANVIEW NOTE: ADF REQUIRED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SOUTH ST PAUL ALTIMETER SETTING AND INCREASE ALL DA 72 FEET AND ALL MDA 80 FEET; INCREASE S-LOC 9 CAT C/D VISIBILITY 1/8 MILE, AND (SEE FORM 8260-10)

QUALITY
CHECKED

| | | | | |
|--------------------------------|--------------------------------|----------------------------------|---|------------------|
| CITY AND STATE RED WING, MN | ELEVATION: 778 THRE: 778 | FACILITY IDENTIFIER: I-RGK | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 9, AMDT 1 15 DEC 2011 | SUP: ILS RWY 9 |
| | AIRPORT NAME: RED WING RGNL | | | AMDT: ORIG |
| | | | | DATED 04/18/2002 |

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ILS - STANDARD
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NOTES, (CONT.):

CIRCLING CAT A/C/D VISIBILITY 1/4 MILE.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 9 CAT C/D VISIBILITY 1/4 MILE.

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING SOUTH ST PAUL ALTIMETER SETTING, INCREASE S-ILS 9 ALL

CATS VISIBILITY 3/8 MILE, AND S-LOC 9 CAT C/D VISIBILITY 3/4 MILE.

QUALITY
CHECKED

CITY AND STATE

RED WING, MN

ELEVATION: 778

THRE: 778

AIRPORT NAME:

RED WING RGNL

FACILITY
IDENTIFIER:

I-RGK

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 9, AMDT 1

15 DEC 2011

SUP: ILS RWY 9

AMDT: ORIG

DATED: 04/18/2002

FLIGHT STANDARDS SERVICES - FAR PART 97.29

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[illegible][illegible][illegible]

| SEGMENT | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 |
|---------|------------|------|----------------|------------|-----------|--------------------|----|-------------|-------------------|--------|-------|----|----|
| SUSAP | KRGKK3FI09 | AFGT | 010FGT | K3D 0V | IF | | | | | 18000 | | 0 | NS |
| SUSAP | KRGKK3FI09 | AFGT | 020RG | K3PNONY | TF | | | | + 03000 | | | 0 | NS |
| SUSAP | KRGKK3FI09 | AFGT | 030RG | K3PNONE AR | HF MSP K3 | 123203090910T010D | | | + 03000 | | | 0 | NS |
| SUSAP | KRGKK3FI09 | AGEP | 010GEP | K3D 0V | IF | | | | | 18000 | | 0 | NS |
| SUSAP | KRGKK3FI09 | AGEP | 020RG | K3PNONY | TF | | | | + 03500 | | | 0 | NS |
| SUSAP | KRGKK3FI09 | AGEP | 030RG | K3PNONE AR | HF MSP K3 | 123203090910T010D | | | + 03000 | | | 0 | NS |
| SUSAP | KRGKK3FI09 | I | 010JWLFDK3EA0E | I | IF IRGKK3 | 27110138 | PI | J | 03000003000018000 | | | 0 | NS |
| SUSAP | KRGKK3FI09 | I | 020RBGUEK3EA0E | F | CF IRGKK3 | 2711007609100062PI | H | 03000002964 | | -300RG | K3PN0 | NS | |
| SUSAP | KRGKK3FI09 | I | 030RW09 | K3PGOGY M | CF IRGKK3 | 2711001009100066PI | | | 00828 | -300 | | 0 | NS |
| SUSAP | KRGKK3FI09 | I | 040 | 0 M | CA | 0910 | | | + 02000 | | | 0 | NS |
| SUSAP | KRGKK3FI09 | I | 050RG | K3PNONY R | DF | | | | + 03000 | | | 0 | NS |
| SUSAP | KRGKK3FI09 | I | 060RG | K3PNONE R | HM | 0910T010 | | | + 03000 | | | 0 | NS |

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| | |
|--------|------------|
| SUP: | ORIG |
| AMDT: | ORIG |
| DATED: | 04/18/2002 |

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FLIGHT STANDARDS SERVICES - FAR PART 97.29

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QUALITY
1
CHECK

| | | | | |
|---------------------------------------|--|---|---|--------------------------|
| CITY AND STATE RED WING, MN | ELEVATION: 778 THRE: 778 AIRPORT NAME: RED WING RGNL | FACILITY IDENTIFIER: I-RGK | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: ILS OR LOC RWY 9, AMDT 1 15 DEC 2011 | SUP: ILS RWY 9 |
| | | | | AMDT: ORIG |
| | | | | DATED: 04/18/2002 |

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - FAR PART 97.29

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ARINC SUMMARY - 424-18 - ILS

| ROUTES | TRANSITION | FIX | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG (TRUE) | DISTANCE | ALTITUDE | SPEED |
|--------|------------|-------|-----|------|------|------|-------|-----|------------|----------|----------|----------|
| | FGT | FGT | 010 | | IF | | FB | | | | | |
| | FGT | RG | 020 | | TF | | FO | | | | AA 03000 | |
| | FGT | RG | 030 | IAF | HF | R | FO | | 091.0() | T01.0 | AA 03000 | |
| | GEP | GEP | 010 | | IF | | FB | | | | | |
| | GEP | RG | 020 | | TF | | FO | | | | AA 03500 | |
| | GEP | RG | 030 | IAF | HF | R | FO | | 091.0() | T01.0 | AA 03000 | |
| | | JWLFD | 010 | FACF | IF | | FB | | | | AA 03000 | GI 03000 |
| | | REGUE | 020 | FAF | CF | | FB | | 091.0() | 006.2 | GI 03000 | GS 02964 |
| | | RW09 | 030 | MAP | CF | | FO | | 091.0() | 006.6 | AT 00828 | |

| MISSED APPROACH | FIX | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG (TRUE) | DISTANCE | ALTITUDE | SPEED |
|-----------------|-----|-----|-----|------|------|-------|-----|------------|----------|----------|-------|
| | | 040 | | CA | | FB | | 091.0() | | AA 02000 | |
| | RG | 050 | | DF | R | FO | | | | AA 03000 | |
| | RG | 060 | | HM | R | FO | | 091.0() | T01.0 | AA 03000 | |

| POINT DATA | WAYPOINT | LAT IN SECS | LONG IN SECS | LAT IN MINS | LONG IN MINS |
|------------|------------|-------------|--------------|-------------|--------------|
| | FGT | N443751.43 | W0931055.37 | N4437.857 | W09310.923 |
| | GEP | N450844.47 | W0932223.45 | N4508.741 | W09322.391 |
| | MSP | N445347.40 | W0931411.51 | N4453.790 | W09314.192 |
| | JWLFD | N443602.38 | W0924735.53 | N4436.040 | W09247.592 |
| | REGUE | N443543.54 | W0923851.55 | N4435.726 | W09238.859 |
| | RW09 | N443523.00 | W0922940.45 | N4435.383 | W09229.674 |
| | IRGK (LOC) | N443519.84 | W0922817.34 | N4435.331 | W09228.289 |
| | RG | N443552.16 | W0923850.93 | N4435.869 | W09238.849 |

| RUNWAY DATA | RWY | THRESHOLD ELEVATION | TCH |
|-------------|------|------------------------|-----|
| | RW09 | 00778 | 50 |

QUALITY
1
CHECKED

CITY AND STATE
RED WING, MN

ELEVATION: 778 THRE: 778
AIRPORT NAME:
RED WING RGNL

FACILITY
IDENTIFIER:
I-RGK

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS OR LOC RWY 9, AMDT 1
15 DEC 2011

SUP: ILS RWY 9
AMDT: ORIG
DATED: 04/18/2002

FLIGHT STANDARDS SERVICES - FAR PART 97.25

ARINC PACKET - 424-18 - LOC

[illegible]

QUALITY
1
S. R. W.

| | | | | | |
|---------------------------------------|-----------------------|------------------|----------------------|--|-----------------------|
| CITY AND STATE RED WING, MN | ELEVATION: 778 | THRE: 778 | FACILITY IDENTIFIER: | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: | SUP: ILS RWY 9 |
| | AIRPORT NAME: | | | ILS OR LOC RWY 9, AMDT 1 | AMDT: ORIG |
| | RED WING RGNL | I-RGK | 15 DEC 2011 | DATED: 04/18/2002 | |

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - FAR PART 97.25

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| | | | | | | | | | | | | | |
|--------|--|-----------|--------------|---------------------|-------------|---|-------|---|----------|---|---|---|---|
| MSA | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 |
| | 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012 | | | | | | | | | | | | |
| | SUSAP | KRGKK3SRG | K3PN | 0 | 18018002825 | | | | | | | M | |
| NAVAID | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 |
| | 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012 | | | | | | | | | | | | |
| | SUSAPNKRGGK3 | RG | K3002740HOLW | N44355216W092385093 | | | E0020 | | NARREGUE | | | | |

QUALITY
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CITY AND STATE
RED WING, MN

ELEVATION: 778 THRE: 778
AIRPORT NAME:
RED WING RGNL

FACILITY
IDENTIFIER:
I-RGK

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS OR LOC RWY 9, AMDT 1
15 DEC 2011

SUP: ILS RWY 9
AMDT: ORIG
DATED: 04/18/2002

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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ARINC SUMMARY - 424-18 - LOC

| ROUTES | TRANSITION | FIX | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG(TRUE) | DISTANCE | ALTITUDE | SPEED |
|--------|------------|-------|-----|------|------|------|-------|-----|-----------|----------|----------|-------|
| | FGT | FGT | 010 | | IF | | FB | | | | | |
| | FGT | RG | 020 | | TF | | FO | | | | AA 03000 | |
| | FGT | RG | 030 | IAF | HF | R | FO | | 091.0() | T01.0 | AA 03000 | |
| | GEP | GEP | 010 | | IF | | FB | | | | | |
| | GEP | RG | 020 | | TF | | FO | | | | AA 03500 | |
| | GEP | RG | 030 | IAF | HF | R | FO | | 091.0() | T01.0 | AA 03000 | |
| | | JWLFD | 010 | FACF | IF | | FB | | | | AA 03000 | |
| | | REGUE | 020 | FAF | CF | | FB | | 091.0() | 006.2 | AA 03000 | |
| | | RW09 | 030 | MAP | CF | | FO | | 091.0() | 006.6 | AT 00828 | |

| MISSED APPROACH | FIX | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG(TRUE) | DISTANCE | ALTITUDE | SPEED |
|-----------------|-----|-----|-----|------|------|-------|-----|-----------|----------|----------|-------|
| | | 040 | | CA | | FB | | 091.0() | | AA 02000 | |
| | RG | 050 | | DF | R | FO | | | | AA 03000 | |
| | RG | 060 | | HM | R | FO | | 091.0() | T01.0 | AA 03000 | |

| POINT DATA | WAYPOINT | LAT IN SECS | LONG IN SECS | LAT IN MINS | LONG IN MINS |
|------------|------------|-------------|--------------|-------------|--------------|
| | FGT | N443751.43 | W0931055.37 | N4437.857 | W09310.923 |
| | GEP | N450844.47 | W0932223.45 | N4508.741 | W09322.391 |
| | MSP | N445347.40 | W0931411.51 | N4453.790 | W09314.192 |
| | JWLFD | N443602.38 | W0924735.53 | N4436.040 | W09247.592 |
| | REGUE | N443543.54 | W0923851.55 | N4435.726 | W09238.859 |
| | RW09 | N443523.00 | W0922940.45 | N4435.383 | W09229.674 |
| | IRGK (LOC) | N443519.84 | W0922817.34 | N4435.331 | W09228.289 |
| | RG | N443552.16 | W0923850.93 | N4435.869 | W09238.849 |

| RUNWAY DATA | THRESHOLD | |
|-------------|-----------|-----|
| RWY | ELEVATION | TCH |
| RW09 | 00778 | 50 |

QUALITY
CHECKED

CITY AND STATE
RED WING, MNELEVATION: 778
AIRPORT NAME:

THRE: 778

RED WING RGNL

FACILITY
IDENTIFIER:

I-RGK

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS OR LOC RWY 9, AMDT 1

15 DEC 2011

SUP: ILS RWY 9

AMDT: ORIG

DATED: 04/18/2002