

| | | | | | | | | | | | | | | | | | | | |
|---|--|-------------------|-----|--|--------|-----------------------|---------|----------------------|-------|---|--------|--|---------|--------|-----|------------------|--|--|--|
| 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: RW13 CLIMB TO 3100 DIRECT SIKTE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 310.24 INBOUND. CHART FAS OBST: 1309 TREE 433912N/0942631W DISTANCE TO THLD FROM 298 HAT: 0.80 NM. CHART VDP AT 1.11 MILES TO RW13* *LNAV ONLY. WAAS CHANNEL # 45812 REFERENCE PATH ID: W13A | | | | | | | | | |
| COZFO | | HOVUD (FB) | | 333.74 / 12.53 | | | | 3100 | | | | | | | | | | | |
| ISLER | | HOVUD (FB) | | 073.89 / 22.91 | | | | 3100 | | | | | | | | | | | |
| WAGIK (IAF) | | UCEVA (NOPT) (FB) | | 196.54 / 15.09 | | | | 3100 | | | | | | | | | | | |
| HOVUD (IAF) | | UCEVA (NOPT) (FB) | | 039.91 / 5.00 | | | | 3100 | | | | | | | | | | | |
| UCEVA (IF/IAF) | | ZEROB (FB) | | 129.96 / 6.02 | | | | 3100 | | | | | | | | | | | |
| 1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NW UCEVA, RT, 129.96 INBOUND, 3100 FT. IN LIEU OF PT (IAF) 3. FAC: 130.03 FAF: ZEROB DIST FAF TO MAP: 5.85 THLD: 5.85 4. MIN. ALT: UCEVA 3100, ZEROB 3100, PEYDI/1.70 NM TO RW13 1740* 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: 3100 GS ALT AT: ZEROB OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: 3.00 TCH: 48.2 34:1 IS NOT CLEAR 8. MSA FROM: RW13 3200 | | | | | | | | | | | | MAG VAR: 4E | | | | EPOCH YEAR: 1995 | | | |
| MINIMUMS | | | | | | | | | | | | | | | | | | | |
| TAKEOFF: | | STANDARD | | X | | 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 | | 1460 | 1 | 298 | 1460 | 1 | 298 | 1460 | 1 | 298 | 1460 | 1 | 298 | | | | | | |
| LNAV/VNAV DA | | 1695 | 2 | 533 | 1695 | 2 | 533 | 1695 | 2 | 533 | 1695 | 2 | 533 | | | | | | |
| LNAV MDA | | 1560 | 1 | 398 | 1560 | 1 | 398 | 1560 | 1 | 398 | 1560 | 1 1/4 | 398 | | | | | | |
| CIRCLING | | 1640 | 1 | 478 | 1640 | 1 | 478 | 1640 | 1 1/2 | 478 | 1720 | 2 | 558 | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 46C (114F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. *LNAV ONLY SEE 8260-10 | | | | | | | | | | | | | | | | | | | |
| CITY AND STATE | | | | ELEVATION: 1162 TDZE: 1162 | | | | FACILITY IDENTIFIER: | | | | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: | | | | SUP: | | | |
| FAIRMONT, MN | | | | AIRPORT NAME: | | | | RNAV | | | | RNAV (GPS) RWY 13, ORIG | | | | AMDT: NONE | | | |
| | | | | FAIRMONT MUNI | | | | | | | | 07 MAY 2009 | | | | DATED | | | |

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR 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 63 FEET AND ALL MDA 80 FEET, INCREASE LPV ALL CATS VISIBILITY AND LNAV CAT C/D VISIBILITY 1/4 MILE.

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

CITY AND STATE

FAIRMONT, MN

ELEVATION: 1162 TDZE: 1162

AIRPORT NAME:

FAIRMONT MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 13, ORIG

07 MAY 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

DATA FIELD

DATA

| | |
|--|---------------|
| OPERATION TYPE | 0 |
| SBAS SERVICE PROVIDER IDENTIFIER | 0 |
| AIRPORT IDENTIFIER | KFRM |
| RUNWAY | RW13 |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | 0 |
| REFERENCE PATH DATA SELECTOR | 0 |
| REFERENCE PATH IDENTIFIER (APPROACH ID) | W13A |
| LTP/FTP LATITUDE | 433857.5405N |
| LTP/FTP LONGITUDE | 0942530.4160W |
| LTP/FTP ELLIPSOIDAL HEIGHT | +03250 |
| FPAP LATITUDE | 433755.5200N |
| FPAP LONGITUDE | 0942402.3200W |
| THRESHOLD CROSSING HEIGHT (TCH) | 00048.2 |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F |
| GLIDEPATH ANGLE (GPA) | 03.00 |
| COURSE WIDTH AT THRESHOLD | 106.75 |
| LENGTH OFFSET | 1072 |
| HORIZONTAL ALERT LIMIT (HAL) | 40.0 |
| VERTICAL ALERT LIMIT (VAL) | 50.0 |

CRC REMAINDER

8E2450C1

ADDITIONAL PATH POINT RECORD INFORMATION

| | |
|-------------------------|--------|
| ICAO CODE | K3 |
| LTP ORTHOMETRIC HEIGHT | +03530 |
| FPAP ORTHOMETRIC HEIGHT | +03530 |

CITY AND STATE
FAIRMONT, MN

ELEVATION: 1162 TDZE: 1162
AIRPORT NAME:
FAIRMONT MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 13, ORIG
07 MAY 2009

| | |
|--------|------|
| SUP: | |
| AMDT: | NONE |
| DATED: | |

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[illegible][illegible]

| SEGMENT | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 |
|---------|------------|--------|--------------------|---------|------------|----------|---|--------------|---|-------|------|-------|----|
| SUSAP | KFRMK3FR13 | AC0ZFO | 010COZF0K3EA0E | IF | | | | | | 18000 | | A JS | |
| SUSAP | KFRMK3FR13 | AC0ZFO | 020HOVUDK3EA0E | A 020TF | | 33370125 | | + 03100 | | | | A JS | |
| SUSAP | KFRMK3FR13 | AC0ZFO | 030UCEVAK3EA0EE | 010TF | | 03990050 | | + 03100 | | | | A JS | |
| SUSAP | KFRMK3FR13 | AISLER | 010ISLERK3EA0E | IF | | | | | | 18000 | | A JS | |
| SUSAP | KFRMK3FR13 | AISLER | 020HOVUDK3EA0E | A 020TF | | 07390229 | | + 03100 | | | | A JS | |
| SUSAP | KFRMK3FR13 | AISLER | 030UCEVAK3EA0EE | 010TF | | 03990050 | | + 03100 | | | | A JS | |
| SUSAP | KFRMK3FR13 | AUCEVA | 010UCEVAK3EA0EE | CR HF | | 13000040 | | + 03100 | | 18000 | | A JS | |
| SUSAP | KFRMK3FR13 | AWAGIK | 010WAGIKK3EA0E | A IF | | | | | | 18000 | | A JS | |
| SUSAP | KFRMK3FR13 | AWAGIK | 020UCEVAK3EA0EE | 010TF | | 19650151 | | + 03100 | | | | A JS | |
| SUSAP | KFRMK3FR13 | R | 010UCEVAK3EA0E | I IF | | | | + 03100 | | 18000 | | A JS | |
| SUSAP | KFRMK3FR13 | R | 020ZER0BK3EA1E | F 051TF | | 13000060 | | + 03100 | | | RW13 | K3PGA | JS |
| SUSAP | KFRMK3FR13 | R | 020ZER0BK3EA2WALPV | | ALNAV/VNAV | ALNAV | | | | | | | JS |
| SUSAP | KFRMK3FR13 | R | 021PEYDIK3EA0E | S 031TF | | 13000042 | | V 0174001751 | | -300 | | A JS | |
| SUSAP | KFRMK3FR13 | R | 030RW13 K3PG0GY | M 031TF | | 13000017 | | 01206 | | -300 | | A JS | |
| SUSAP | KFRMK3FR13 | R | 040SIKTEK3EA0EYM | 010DF | | | | + 03100 | | | | A JS | |
| SUSAP | KFRMK3FR13 | R | 050SIKTEK3EA0EE | HR020HM | | 31020040 | | + 03100 | | | | A JS | |

[illegible]

| | | | | |
|------------------------------------|---|-------------------------------------|--|-------------------|
| CITY AND STATE FAIRMONT, MN | ELEVATION: 1162 TDZE: 1162 AIRPORT NAME: FAIRMONT MUNI | FACILITY IDENTIFIER: RNAV | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 13, ORIG 07 MAY 2009 | SUP: |
| | | | | AMDT: NONE |
| | | | | DATED: |

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SUSAP KFRMK3SRW13 K3PG 0 18018003225 M

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

| ROUTES | TRANSITION | FIX | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG (TRUE) | DISTANCE | ALTITUDE |
|--------|------------|-------|-----|------|------|------|-------|-----|--------------|----------|------------|
| | COZFO | COZFO | 010 | | IF | | FB | | | | |
| | COZFO | HOVUD | 020 | IAF | TF | | FB | 2.0 | 333.7 (338T) | 012.5 | 03100 |
| | COZFO | UCEVA | 030 | | TF | | FB | 1.0 | 039.9 (044T) | 005.0 | 03100 |
| | ISLER | ISLER | 010 | | IF | | FB | | | | |
| | ISLER | HOVUD | 020 | IAF | TF | | FB | 2.0 | 073.9 (078T) | 022.9 | 03100 |
| | ISLER | UCEVA | 030 | | TF | | FB | 1.0 | 039.9 (044T) | 005.0 | 03100 |
| | UCEVA | UCEVA | 010 | | HF | R | FB | | 130.0 (134T) | 004.0 | 03100 |
| | WAGIK | WAGIK | 010 | IAF | IF | | FB | | | | |
| | WAGIK | UCEVA | 020 | | TF | | FB | 1.0 | 196.5 (201T) | 015.1 | 03100 |
| | | UCEVA | 010 | FACF | IF | | FB | | | | 03100 |
| | | ZEROB | 020 | FAF | TF | | FB | 0.5 | 130.0 (134T) | 006.0 | 03100 |
| | | PEYDI | 021 | SDF | TF | | FB | 0.3 | 130.0 (134T) | 004.2 | 0174001751 |
| | | RW13 | 030 | MAP | TF | | FO | 0.3 | 130.0 (134T) | 001.7 | 01206 |

| MISSED APPROACH | FIX | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG (TRUE) | DISTANCE | ALTITUDE |
|-----------------|-------|-----|-----|------|------|-------|-----|--------------|----------|----------|
| | SIKTE | 040 | | DF | | FO | 1.0 | | | 03100 |
| | SIKTE | 050 | | HM | R | FO | 2.0 | 310.2 (314T) | 004.0 | 03100 |

| POINT DATA | WAYPOINT | LAT IN SECS | LONG IN SECS | LAT IN MINS | LONG IN MINS |
|------------|----------|-------------|--------------|-------------|--------------|
| | COZFO | N433200.80 | W0943530.78 | N4332.013 | W09435.513 |
| | HOVUD | N434336.55 | W0944203.67 | N4343.609 | W09442.061 |
| | ISLER | N433852.39 | W0951257.34 | N4338.873 | W09512.956 |
| | PEYDI | N434008.52 | W0942711.34 | N4340.142 | W09427.189 |
| | SIKTE | N433005.00 | W0941256.45 | N4330.083 | W09412.941 |
| | UCEVA | N434712.62 | W0943716.47 | N4347.210 | W09437.275 |
| | WAGIK | N440120.94 | W0942957.80 | N4401.349 | W09429.963 |
| | ZEROB | N434301.75 | W0943118.07 | N4343.029 | W09431.301 |
| | RW13 | N433857.54 | W0942530.42 | N4338.959 | W09425.507 |

| RUNWAY DATA | RWY | THRESHOLD ELEVATION | TCH |
|-------------|------|------------------------|-----|
| | RW13 | 01158 | 48 |

CITY AND STATE
FAIRMONT, MN

ELEVATION: 1162 TDZE: 1162
 AIRPORT NAME:
 FAIRMONT MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 13, ORIG
 07 MAY 2009

SUP:
 AMDT: NONE
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