

**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 |  |
|--------------------------------------|-----------------------------------|---------------------|----------|--|
| GTF VORTAC                           | FRYMN (TF) (FO) (RNP 2.00)        | 212.00 / 13.36      | 8100     | LPV: DA<br>LNAV/VNAV: DA<br>LNAV: RW03<br><br>CLIMB TO 6200 DIRECT DEELM AND ON TRACK 031.62 TO PSHKN AND HOLD.<br><br>ADDITIONAL FLIGHT DATA:<br>HOLD NE, RT, 211.70 INBOUND.<br>CHART FAS OBST: 3802 RADAR 472735N/1112307W<br>DISTANCE TO THLD FROM 200 HAT: 0.46 NM.<br>CHART VDP AT 1.22 NM TO RW03*<br>*LNAV ONLY.<br>WAAS CHANNEL # 70602<br>REFERENCE PATH ID: W03A<br>CHART CIRCLING ICON.<br>LTP HAE: 1107.5 M |
| WOKEN (IAF)                          | FRYMN (NOPT) (TF) (FB) (RNP 1.00) | 026.90 / 24.34      | 8100     |  |
| ROSOE (IAF)                          | FRYMN (NOPT) (TF) (FB) (RNP 1.00) | 081.84 / 18.37      | 8100     |  |
| HOXEK (IAF)                          | FRYMN (NOPT) (TF) (FB) (RNP 1.00) | 344.59 / 10.92      | 8100     |  |
| FRYMN (IF/IAF)<br>(SEE FORM 8260-10) | DCEEE (TF) (FB) (RNP 1.00)        | 031.81 / 7.89       | 6000     |  |

1. PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
2. HOLD SW FRYMN, LT, 031.81 INBOUND, 8100 FT. IN LIEU OF PT (IAF)
3. FAC: 031.91 FAF: DCEEE DIST FAF TO MAP: 7.12 THLD: 7.12
4. MIN. ALT: FRYMN 8100, DCEEE 6000
5. DIST TO THLD FROM OM:        MM:        IM:        150 HAT:        100 HAT:        GS ANT:
6. MIN GS INCPT: 6000 GS ALT AT: DCEEE 6000 OM:        MM:        IM:
7. GS ANGLE: 3.00 TCH: 53.6 34:1 IS CLEAR
8. MSA FROM: RW03 8500

MAG VAR: 13E EPOCH YEAR: 2020

**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         | 3880                                   | 2400 | 200     | 3880   | 2400 | 200     | 3880           | 2400  | 200     | 3880       | 2400  | 200     |        |     |         |
| LNAV/VNAV DA   | 3963                                   | 2400 | 283     | 3963   | 2400 | 283     | 3963           | 2400  | 283     | 3963       | 2400  | 283     |        |     |         |
| LNAV MDA       | 4140                                   | 2400 | 460     | 4140   | 2400 | 460     | 4140           | 4500  | 460     | 4140       | 4500  | 460     |        |     |         |
| CIRCLING       | 4140                                   | 1    | 460     | 4140   | 1    | 460     | 4320           | 1 3/4 | 640     | 4420       | 2 1/4 | 740     |        |     |         |
|                |  |      |         |        |      |         |                |       |         |            |       |         |        |     |         |

NOTES:  
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -25C (-13F) OR ABOVE 50C (123F).  
 CHART NOTE: DME/DME RNP-0.3 NA.  
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT GREAT FALLS VORTAC ON AIRWAY RADIALS 169 CW 277.  
 (CONTINUED ON PAGE 2)

@ CAT D 800-2 1/4



|  |  |                                     |   |  |
|--|--|-------------------------------------|---|--|
| CITY AND STATE<br><b>GREAT FALLS, MT</b> | ELEVATION: 3680 TDZE: 3680<br>AIRPORT NAME:<br><b>GREAT FALLS INTL</b> | FACILITY IDENTIFIER:<br><b>RNAV</b> | PROCEDURE NO./AMD T NO./EFFECTIVE DATE:<br><b>RNAV (GPS) Y RWY 3, AMDT 3B</b><br>17 AUGUST 2017 | SUP:<br>AMDT: <b>3A</b><br>DATED <b>07/24/2014</b> |
|--|--|-------------------------------------|---|--|

**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, (CONT.):**

| <u>FROM</u> | <u>TO</u>                       | <u>COURSE AND DISTANCE</u> | <u>ALTITUDE</u> |
|-------------|---------------------------------|----------------------------|-----------------|
| DCEEE (FAF) | RW03 (MAP) (TF) (FO) (RNP 0.30) | 031.91 / 7.12              |                 |
| RW03 (MAP)  | 3880 MSL (CA)                   | 031.91                     |                 |
| 3880 MSL    | DEELM (DF) (FB) (RNP 1.00)      |                            |                 |
| DEELM       | PSHKN (TF) (FO) (RNP 1.00)      | 031.62 / 10.69             | 6200            |

**NOTES, (CONT.):**

**CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4500.**



|  |   |            |                                     |  |                          |
|--|---|------------|-------------------------------------|--|--------------------------|
| CITY AND STATE<br><b>GREAT FALLS, MT</b> | ELEVATION: 3680<br>AIRPORT NAME:<br><b>GREAT FALLS INTL</b> | TDZE: 3680 | FACILITY IDENTIFIER:<br><b>RNAV</b> | PROCEDURE NO./AMDT NO./EFFECTIVE DATE:<br><b>RNAV (GPS) Y RWY 3, AMDT 3B</b><br>17 AUGUST 2017 | SUP:                     |
|  |   |            |                                     |  | AMDT: <b>3A</b>          |
|  |   |            |                                     |  | DATED: <b>07/24/2014</b> |

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - 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.

FAS DATA BLOCK INFORMATION

| <u>DATA FIELD</u>                        | <u>DATA</u>   |
|--|---------------|
| OPERATION TYPE                           | 0             |
| SBAS SERVICE PROVIDER IDENTIFIER         | 0             |
| AIRPORT IDENTIFIER                       | KGTF          |
| RUNWAY                                   | RW03          |
| APPROACH PERFORMANCE DESIGNATOR          | 0             |
| ROUTE INDICATOR                          | Y             |
| REFERENCE PATH DATA SELECTOR             | 0             |
| REFERENCE PATH IDENTIFIER (APPROACH ID)  | W03A          |
| LTP/FTP LATITUDE                         | 472809.6350N  |
| LTP/FTP LONGITUDE                        | 1112301.7860W |
| LTP/FTP ELLIPSOIDAL HEIGHT               | +11075        |
| FPAP LATITUDE                            | 472922.8900N  |
| FPAP LONGITUDE                           | 1112113.6600W |
| THRESHOLD CROSSING HEIGHT (TCH)          | 00053.6       |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F             |
| GLIDEPATH ANGLE (GPA)                    | 03.00         |
| COURSE WIDTH AT THRESHOLD                | 106.75        |
| LENGTH OFFSET                            | 0000          |
| HORIZONTAL ALERT LIMIT (HAL)             | 40.0          |
| VERTICAL ALERT LIMIT (VAL)               | 35.0          |
| <br><u>CRC REMAINDER</u>                 | <br>3485EC4D  |

ADDITIONAL PATH POINT RECORD INFORMATION

|                         |        |
|-------------------------|--------|
| ICAO CODE               | K1     |
| LTP ORTHOMETRIC HEIGHT  | +11217 |
| FPAP ORTHOMETRIC HEIGHT | +11217 |



|  |  |                                     |  |                          |
|--|--|-------------------------------------|--|--------------------------|
| CITY AND STATE<br><b>GREAT FALLS, MT</b> | ELEVATION: 3680      TDZE: 3680          | FACILITY IDENTIFIER:<br><b>RNAV</b> | PROCEDURE NO./AMDT NO./EFFECTIVE DATE:<br><b>RNAV (GPS) Y RWY 3, AMDT 3B</b><br>17 AUGUST 2017 | SUP:                     |
|  | AIRPORT NAME:<br><b>GREAT FALLS INTL</b> |                                     |  | AMDT: <b>3A</b>          |
|  |  |                                     |  | DATED: <b>07/24/2014</b> |