

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |          |                            |                                       |          |                                                                                              |         |                                               |          |                |          |                                                                                                                                                                                                                                                                                                                                                                                     |         |          |     |         |  |                                             |  |  |  |  |  |
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| <b>US DEPARTMENT OF TRANSPORTATION<br/>FEDERAL AVIATION ADMINISTRATION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |          |                            |                                       |          | <b>RNAV (RNP) - STANDARD,<br/>INSTRUMENT APPROACH PROCEDURE,<br/>TITLE 14 CFR PART 97.33</b> |         |                                               |          |                |          | 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.                |         |          |     |         |  |                                             |  |  |  |  |  |
| <b>TERMINAL ROUTES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |          |                            |                                       |          |                                                                                              |         |                                               |          |                |          | <b>MISSED APPROACH</b>                                                                                                                                                                                                                                                                                                                                                              |         |          |     |         |  |                                             |  |  |  |  |  |
| FROM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |          | TO                         |                                       |          | COURSE AND DISTANCE                                                                          |         |                                               | ALTITUDE |                |          | <b>RNP: DA</b><br><br>CLIMB TO 8000 ON TRACK 212.03 TO ZETNI, RIGHT TURN TO UPIGY, AND ON TRACK 271.08 TO TUCKB AND HOLD, CONTINUE CLIMB-IN-HOLD TO 8000.<br><br>ADDITIONAL FLIGHT DATA:<br>HOLD SW, LT, 061.21 INBOUND.<br>DISTANCE TO THLD FROM 273 HAT: 0.67 NM.<br>ROUTE TYPE: A, H<br>ROUTE TYPE QUALIFIER 1: F<br>ROUTE TYPE QUALIFIER 1: S<br>#TCH 3718.3 MSL (DO NOT CHART) |         |          |     |         |  |                                             |  |  |  |  |  |
| TUCKB (IAF)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |          | KEPPR (TF) (FB) (RNP 1.00) |                                       |          | 032.08 / 8.44                                                                                |         |                                               | 5500     |                |          |                                                                                                                                                                                                                                                                                                                                                                                     |         |          |     |         |  |                                             |  |  |  |  |  |
| DATSA (IAF)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |          | KEPPR (TF) (FB) (RNP 1.00) |                                       |          | 096.81 / 10.78                                                                               |         |                                               | 5500     |                |          |                                                                                                                                                                                                                                                                                                                                                                                     |         |          |     |         |  |                                             |  |  |  |  |  |
| KEPPR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |          | JANON (TF) (FB) (RNP 1.00) |                                       |          | 033.28 / 8.08                                                                                |         |                                               | 5500     |                |          |                                                                                                                                                                                                                                                                                                                                                                                     |         |          |     |         |  |                                             |  |  |  |  |  |
| BRADZ (IAF)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |          | WOLLY (TF) (FB) (RNP 1.00) |                                       |          | 127.18 / 39.61                                                                               |         |                                               | 5500     |                |          |                                                                                                                                                                                                                                                                                                                                                                                     |         |          |     |         |  |                                             |  |  |  |  |  |
| JANON (IF)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |          | DRFTR (RF) (FB) (RNP 1.00) |                                       |          | (2.70 NM RADIUS CW (CFFPD))/4.44                                                             |         |                                               | 5400     |                |          |                                                                                                                                                                                                                                                                                                                                                                                     |         |          |     |         |  |                                             |  |  |  |  |  |
| (SEE FORM 8260-10)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |          |                            |                                       |          |                                                                                              |         |                                               |          |                |          |                                                                                                                                                                                                                                                                                                                                                                                     |         |          |     |         |  |                                             |  |  |  |  |  |
| 1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)<br>2. PROFILE STARTS AT KUDEY _____<br>3. FAC: <u>212.07</u> FAF: _____ DIST FAF TO MAP: _____ THLD: _____<br>4. MIN. ALT: <b>KUDEY 4700</b><br>5. DIST TO THLD FROM OM: <u>3.08</u> MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____<br>6. MIN GS INCPT: <u>4700</u> GS ALT AT: <b>KUDEY 4700</b> OM: _____ MM: _____ IM: _____<br>7. GS ANGLE: <u>3.00</u> TCH: <b>#59.0</b> 34:1 IS CLEAR<br>8. MSA FROM: <b>RW21 8500</b> |      |          |                            |                                       |          |                                                                                              |         |                                               |          |                |          |                                                                                                                                                                                                                                                                                                                                                                                     |         |          |     |         |  | MAG VAR: <b>13E</b> EPOCH YEAR: <b>2020</b> |  |  |  |  |  |
| <b>MINIMUMS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |          |                            |                                       |          |                                                                                              |         |                                               |          |                |          |                                                                                                                                                                                                                                                                                                                                                                                     |         |          |     |         |  |                                             |  |  |  |  |  |
| TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |          |                            |                                       |          |                                                                                              |         |                                               |          | ALTERNATE: N A |          | <b>STANDARD</b>                                                                                                                                                                                                                                                                                                                                                                     |         |          |     |         |  |                                             |  |  |  |  |  |
| CATEGORY =====>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      | <b>A</b> |                            |                                       | <b>B</b> |                                                                                              |         | <b>C</b>                                      |          |                | <b>D</b> |                                                                                                                                                                                                                                                                                                                                                                                     |         | <b>E</b> |     |         |  |                                             |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      | 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 |  |                                             |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |          |                            |                                       |          |                                                                                              |         |                                               |          |                |          |                                                                                                                                                                                                                                                                                                                                                                                     |         |          |     |         |  |                                             |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |          |                            |                                       |          |                                                                                              |         |                                               |          |                |          |                                                                                                                                                                                                                                                                                                                                                                                     |         |          |     |         |  |                                             |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |          |                            |                                       |          |                                                                                              |         |                                               |          |                |          |                                                                                                                                                                                                                                                                                                                                                                                     |         |          |     |         |  |                                             |  |  |  |  |  |
| <b>AUTHORIZATION REQUIRED</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |          |                            |                                       |          |                                                                                              |         |                                               |          |                |          |                                                                                                                                                                                                                                                                                                                                                                                     |         |          |     |         |  |                                             |  |  |  |  |  |
| RNP 0.10 DA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3942 | 4500     | 273                        | 3942                                  | 4500     | 273                                                                                          | 3942    | 4500                                          | 273      | 3942           | 4500     | 273                                                                                                                                                                                                                                                                                                                                                                                 |         |          |     |         |  |                                             |  |  |  |  |  |
| RNP 0.30 DA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3992 | 5000     | 323                        | 3992                                  | 5000     | 323                                                                                          | 3992    | 5000                                          | 323      | 3992           | 5000     | 323                                                                                                                                                                                                                                                                                                                                                                                 |         |          |     |         |  |                                             |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |          |                            |                                       |          |                                                                                              |         |                                               |          |                |          |                                                                                                                                                                                                                                                                                                                                                                                     |         |          |     |         |  |                                             |  |  |  |  |  |
| NOTES:<br>CHART NOTE: RF REQUIRED.<br>CHART NOTE: GPS REQUIRED.<br>CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).<br>CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -24C (-11F) OR ABOVE 49C (121F).<br>(CONTINUED ON PAGE 2)                                                                                                                                                                                                                                   |      |          |                            |                                       |          |                                                                                              |         |                                               |          |                |          |                                                                                                                                                                                                                                                                                                                                                                                     |         |          |     |         |  |                                             |  |  |  |  |  |
| CITY AND STATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |          |                            | ELEVATION: 3680 TDZE: 3669            |          |                                                                                              |         | FACILITY IDENTIFIER: RNAV                     |          |                |          | PROCEDURE NO./AMDT NO./EFFECTIVE DATE:                                                                                                                                                                                                                                                                                                                                              |         |          |     | SUP:    |  |                                             |  |  |  |  |  |
| GREAT FALLS, MT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |          |                            | AIRPORT NAME:<br><br>GREAT FALLS INTL |          |                                                                                              |         | RNAV (RNP) Z RWY 21, ORIG-D<br>17 AUGUST 2017 |          |                |          | AMDT: ORIG-C                                                                                                                                                                                                                                                                                                                                                                        |         |          |     |         |  |                                             |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |          |                            |                                       |          |                                                                                              |         |                                               |          |                |          | DATED 03/05/2015                                                                                                                                                                                                                                                                                                                                                                    |         |          |     |         |  |                                             |  |  |  |  |  |

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| US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION                                                                                                                                                                                                                                             |                                                      |                                    | 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. |                                                                                         |
| RNAV (RNP) - STANDARD,<br>INSTRUMENT APPROACH PROCEDURE, - TITLE 14 CFR PART 97.33                                                                                                                                                                                                                            |                                                      |                                    |                                                                                                                                                                                                                                                                                                                                                                      |                                                                                         |
| TERMINAL ROUTES, (CONT.):                                                                                                                                                                                                                                                                                     |                                                      |                                    |                                                                                                                                                                                                                                                                                                                                                                      |                                                                                         |
| FROM                                                                                                                                                                                                                                                                                                          | TO                                                   | COURSE AND DISTANCE                | ALTITUDE                                                                                                                                                                                                                                                                                                                                                             |                                                                                         |
| WOLLY (IF)                                                                                                                                                                                                                                                                                                    | DRFTR (TF) (FB) (RNP 1.00)                           | 127.64 / 5.00                      | 5400                                                                                                                                                                                                                                                                                                                                                                 |                                                                                         |
| DRFTR                                                                                                                                                                                                                                                                                                         | KUDEY (RF) (FB) (RNP 1.00)                           | (2.70 NM RADIUS CW (CFFPD))/3.97   | 4700                                                                                                                                                                                                                                                                                                                                                                 |                                                                                         |
| PSHKN (IAF)                                                                                                                                                                                                                                                                                                   | DRYFT (TF) (FB) (RNP 1.00)                           | 211.56 / 7.57                      | 5100                                                                                                                                                                                                                                                                                                                                                                 |                                                                                         |
| DRYFT (IF)                                                                                                                                                                                                                                                                                                    | KUDEY (TF) (FB) (RNP 1.00)                           | 212.13 / 5.00                      | 4700                                                                                                                                                                                                                                                                                                                                                                 |                                                                                         |
| YOGOS (IAF)                                                                                                                                                                                                                                                                                                   | ZILEP (TF) (FB) (RNP 1.00)                           | 295.16 / 14.93                     | 6100                                                                                                                                                                                                                                                                                                                                                                 |                                                                                         |
| ZILEP (IF)                                                                                                                                                                                                                                                                                                    | WEDAR (TF) (FB) (RNP 1.00)                           | 294.95 / 5.00                      | 5100                                                                                                                                                                                                                                                                                                                                                                 |                                                                                         |
| URELE (IAF)                                                                                                                                                                                                                                                                                                   | ROWER (TF) (FB) (RNP 1.00)                           | 007.51 / 24.30                     | 8000                                                                                                                                                                                                                                                                                                                                                                 |                                                                                         |
| ROWER                                                                                                                                                                                                                                                                                                         | PADDL (TF) (FB) (RNP 1.00)                           | 007.66 / 9.00                      | 5900                                                                                                                                                                                                                                                                                                                                                                 |                                                                                         |
| PADDL (IF)                                                                                                                                                                                                                                                                                                    | WEDAR (RF) (FB) (RNP 1.00)                           | (2.70 NM RADIUS CCW (CFFPF))/3.43  | 5100                                                                                                                                                                                                                                                                                                                                                                 |                                                                                         |
| WEDAR                                                                                                                                                                                                                                                                                                         | KUDEY (RF) (FB) (RNP 1.00)                           | (2.70 NM RADIUS CCW (CFFPF))/3.90  | 4700                                                                                                                                                                                                                                                                                                                                                                 |                                                                                         |
| KUDEY (FAF)                                                                                                                                                                                                                                                                                                   | RW21 (MAP) (TF) (FO) (RNP 0.30)                      | 212.07 / 3.08                      |                                                                                                                                                                                                                                                                                                                                                                      |                                                                                         |
| RW21 (MAP)                                                                                                                                                                                                                                                                                                    | ZETNI (TF) (FB) (RNP 1.00)                           | 212.03 / 6.05                      |                                                                                                                                                                                                                                                                                                                                                                      |                                                                                         |
| ZETNI                                                                                                                                                                                                                                                                                                         | UPIGY (RF) (FB) (RNP 1.00)                           | (7.00 NM RADIUS CW (CFFPG)) / 7.22 |                                                                                                                                                                                                                                                                                                                                                                      |                                                                                         |
| UPIGY                                                                                                                                                                                                                                                                                                         | TUCKB (TF) (FO) (RNP 1.00)                           | 271.08 / 2.58                      | 8000                                                                                                                                                                                                                                                                                                                                                                 |                                                                                         |
| NOTES, (CONT.):<br>CHART SPEED ICON IN PLANVIEW AT PADDL, WEDAR, DRFTR, JANON: MAX 180 KIAS.<br>CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS<br>CHART NOTE: PROCEDURE NA FOR ARRIVALS AT BRADZ ON V21 NORTHWEST BOUND<br>CHART NOTE: PROCEDURE NA FOR ARRIVALS AT DATSA ON V536 NORTHWEST BOUND |                                                      |                                    |                                                                                                                                                                                                                                                                                                                                                                      |                                                                                         |
| CITY AND STATE<br>GREAT FALLS, MT                                                                                                                                                                                                                                                                             | ELEVATION: 3680<br>AIRPORT NAME:<br>GREAT FALLS INTL | TDZE: 3669                         | FACILITY IDENTIFIER:<br>RNAV                                                                                                                                                                                                                                                                                                                                         | PROCEDURE NO./AMDT NO./EFFECTIVE DATE:<br>RNAV (RNP) Z RWY 21, ORIG-D<br>17 AUGUST 2017 |
|                                                                                                                                                                                                                                                                                                               |                                                      |                                    |                                                                                                                                                                                                                                                                                                                                                                      | SUP:<br>AMDT: ORIG-C<br>DATED: 03/05/2015                                               |



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| US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION<br><b>RNAV (RNP) - STANDARD,<br/>INSTRUMENT APPROACH PROCEDURE, - TITLE 14 CFR PART 97.33</b>                                                                                                                               |                                                          |                                                        | 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. |                                                   |
| CHART NOTE: PROCEDURE NA FOR ARRIVALS AT PSHKN ON V257 NORTHEAST BOUND<br>CHART NOTE: PROCEDURE NA FOR ARRIVALS AT YOGOS ON V120 EASTBOUND<br>CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TUCKB ON V187 WESTBOUND.<br>CHART NOTE: PROCEDURE NA FOR ARRIVALS AT URELE ON V536 SOUTHBOUND |                                                          |                                                        |                                                                                                                                                                                                                                                                                                                                                                       |                                                   |
| <div>QUALITY<br/>25<br/>CHECKED</div>                                                                                                                                                                                                                                                         |                                                          |                                                        |                                                                                                                                                                                                                                                                                                                                                                       |                                                   |
| CITY AND STATE<br><br>GREAT FALLS, MT                                                                                                                                                                                                                                                         | ELEVATION: 3680<br>AIRPORT NAME:<br><br>GREAT FALLS INTL | TDZE: 3669<br><br><br>FACILITY IDENTIFIER:<br><br>RNAV | PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:<br><br>RNAV (RNP) Z RWY 21, ORIG-D<br><br>17 AUGUST 2017                                                                                                                                                                                                                                                                      | SUP:<br><br>AMDT: ORIG-C<br><br>DATED: 03/05/2015 |