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| 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 | | LPV: DA LNAV/VNAV: DA LNAV: RW17 CLIMB TO 9000 DIRECT NICKH AND HOLD, CONTINUE CLIMB-IN-HOLD TO 9000. ADDITIONAL FLIGHT DATA: HOLD S, RT, 347.02 INBOUND. FAS OBST: 3740 AAO 472928N/1112138W 3900 AAO 473518N/1112037W DISTANCE TO THLD FROM 250 HAT: 0.69 NM. CHART VDP AT 0.97 NM TO RW17* *LNAV ONLY. WAAS CHANNEL # 49240 REFERENCE PATH ID: W17A CHART CIRCLING ICON. LTP HAE: 1095.9 M | | | | | |
| GTF VORTAC | | KNOWL (TF) (FO) (RNP 2.00) | | 353.49 / 14.15 | | | | 6700 | | | | | | | |
| JEBOB (IAF) | | KNOWL (NOPT) (TF) (FB) (RNP 1.00) | | 104.56 / 14.92 | | | | 6200 | | | | | | | |
| RESLE (IAF) | | KNOWL (NOPT) (TF) (FB) (RNP 1.00) | | 246.19 / 15.58 | | | | 6200 | | | | | | | |
| KNOWL (IF/IAF) | | GISKE (TF) (FB) (RNP 1.00) | | 167.02 / 5.99 | | | | 5400 | | | | | | | |
| GISKE (FAF) | | RW17 (MAP) (TF) (FO) (RNP 0.30) | | 167.02 / 5.37 | | | | | | | | | | | |
| (SEE FORM 8260-10) | | | | | | | | | | | | | | | |
| 1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD N KNOWL, RT, 167.02 INBOUND, 6200 FT. IN LIEU OF PT (IAF) 3. FAC: 167.02 FAF: GISKE DIST FAF TO MAP: 5.37 THLD: 5.37 4. MIN. ALT: KNOWL 6200, GISKE 5400 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 5400 GS ALT AT: GISKE 5400 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 47.3 34:1 IS CLEAR 8. MSA FROM: RW17 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 | 3910 | 7/8 | 250 | 3910 | 7/8 | 250 | 3910 | 7/8 | 250 | 3910 | 7/8 | 250 | | | |
| LNAV/VNAV DA | 3910 | 7/8 | 250 | 3910 | 7/8 | 250 | 3910 | 7/8 | 250 | 3910 | 7/8 | 250 | | | |
| LNAV MDA | 4000 | 1 | 340 | 4000 | 1 | 340 | 4000 | 1 | 340 | 4000 | 1 | 340 | | | |
| | | | | | | | | | | | | | | | |
| CIRCLING | 4120 | 1 | 440 | 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 -26C (-14F) OR ABOVE 52C (126F). @ CAT D 800-2 1/4 CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON GTF VORTAC AIRWAY RADIALS 277 CW 029. | | | | | | | | | | | | | | | |
| CITY AND STATE GREAT FALLS, MT | | ELEVATION: 3680 TDZE: 3660 AIRPORT NAME: GREAT FALLS INTL | | FACILITY IDENTIFIER: RNAV | | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, ORIG 17 AUGUST 2017 | | | | SUP: | | | | | |
| | | | | | | | | | | AMDT: NONE | | | | | |
| | | | | | | | | | | DATED | | | | | |

QUALITY
25
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

| FROM | TO | COURSE AND DISTANCE | ALTITUDE |
|------------|----------------------------|---------------------|----------|
| RW17 (MAP) | 3910 MSL (CA) | 167.02 | |
| 3910 MSL | NICKH (DF) (FO) (RNP 1.00) | | 9000 |

QUALITY
25
CHECKED

CITY AND STATE
GREAT FALLS, MT

ELEVATION: 3680 TDZE: 3660
AIRPORT NAME:
GREAT FALLS INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 17, ORIG
17 AUGUST 2017

SUP:
AMDT: NONE
DATED:

**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 | RW17 |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | |
| REFERENCE PATH DATA SELECTOR | 0 |
| REFERENCE PATH IDENTIFIER (APPROACH ID) | W17A |
| LTP/FTP LATITUDE | 472941.1980N |
| LTP/FTP LONGITUDE | 1112222.1900W |
| LTP/FTP ELLIPSOIDAL HEIGHT | +10959 |
| FPAP LATITUDE | 472812.1470N |
| FPAP LONGITUDE | 1112222.2335W |
| THRESHOLD CROSSING HEIGHT (TCH) | 00047.3 |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F |
| GLIDEPATH ANGLE (GPA) | 03.00 |
| COURSE WIDTH AT THRESHOLD | 106.75 |
| LENGTH OFFSET | 0984 |
| HORIZONTAL ALERT LIMIT (HAL) | 40.0 |
| VERTICAL ALERT LIMIT (VAL) | 50.0 |
| <u>CRC REMAINDER</u> | F84E5814 |

ADDITIONAL PATH POINT RECORD INFORMATION

| | |
|-------------------------|--------|
| ICAO CODE | K1 |
| LTP ORTHOMETRIC HEIGHT | +11101 |
| FPAP ORTHOMETRIC HEIGHT | +11101 |

QUALITY
25
CHECKED

| | | | | |
|---------------------------------------|----------------------------------------------------------|----------------------------|-----------------------------------------------------------------------------------------|------------|
| CITY AND STATE GREAT FALLS, MT | ELEVATION: 3680 AIRPORT NAME: GREAT FALLS INTL | TDZE: 3660 RNAV | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, ORIG 17 AUGUST 2017 | SUP: |
| | | | | AMDT: NONE |
| | | | | DATED: |