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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: RW08R CLIMB TO 2700 DIRECT CAVUS AND ON TRACK 085.00 TO SARAN AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 265.07 INBOUND. CHART FAS OBST: 919 TREE 425231N/0853549W CHART: ASR. DISTANCE TO THLD FROM 200 HAT: 0.48 NM. CHART VDP AT 1.06 NM TO RW08R* *LNAV ONLY. WAAS CHANNEL # 40113 REFERENCE PATH ID: W08B CHART CIRCLING ICON. LTP HAE: 207.6 M | | | | | | |
| JAKES (IF/IAF) | | GLAWE (TF) (FB) (RNP 1.00) | | | 087.10 / 7.71 | | | 2400 | | | | | | | | |
| GLAWE (FAF) | | GABCE/2.50 NM TO RW08R (TF) (FB) (RNP 0.30) | | | 087.22 / 2.33 | | | | | | | | | | | |
| GABCE/2.50 NM TO RW08R | | RW08R (MAP) (TF) (FO) (RNP 0.30) | | | 087.22 / 2.50 | | | | | | | | | | | |
| RW08R (MAP) | | 994 MSL (CA) | | | 087.22 | | | | | | | | | | | |
| 994 MSL | | CAVUS (DF) (FB) (RNP 1.00) | | | | | | | | | | | | | | |
| CAVUS | | SARAN (TF) (FO) (RNP 1.00) | | | 085 / 5.04 | | | 2700 | | | | | | | | |
| 1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT JAKES 3. FAC: 087.22 FAF: GLAWE DIST FAF TO MAP: 4.83 THLD: 4.83 4. MIN. ALT: JAKES 2700, GLAWE 2400, GABCE/2.50 NM TO RW08R 1640* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2400 GS ALT AT: GLAWE OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 51.2 34:1 IS CLEAR 8. MSA FROM: RW08R 3000 | | | | | | | | | | MAG VAR: 6W | | 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 | 994 | 2400 | 200 | 994 | 2400 | 200 | 994 | 2400 | 200 | 994 | 2400 | 200 | | | | |
| LNAV/VNAV DA | 1297 | 5000 | 503 | 1297 | 5000 | 503 | 1297 | 5000 | 503 | 1297 | 5000 | 503 | | | | |
| LNAV MDA | 1180 | 2400 | 386 | 1180 | 2400 | 386 | 1180 | 3500 | 386 | 1180 | 5000 | 386 | | | | |
| | | | | | | | | | | | | | | | | |
| CIRCLING | 1260 | 1 | 466 | 1260 | 1 | 466 | 1340 | 1 1/2 | 546 | 1360 | 2 | 566 | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT JAKES ON V193 SOUTHWEST BOUND AND ON V510 WESTBOUND. CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CAT D VISIBILITY TO RVR 6000. | | | | | | | | | | | | | | | | |
| CITY AND STATE | | ELEVATION: 794 TDZE: 794 | | | FACILITY IDENTIFIER: RNAV | | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: | | | | | SUP: | | | | |
| GRAND RAPIDS, MI | | AIRPORT NAME: | | | GERALD R FORD INTL | | RNAV (GPS) RWY 8R, AMDT 1A | | | | | AMDT: 1 | | | | |
| | | | | | | | 14 SEPTEMBER 2017 | | | | | DATED 07/02/2009 | | | | |

**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**DATA FIELD****DATA**

| | |
|--|---------------|
| OPERATION TYPE | 0 |
| SBAS SERVICE PROVIDER IDENTIFIER | 0 |
| AIRPORT IDENTIFIER | KGRR |
| RUNWAY | RW08R |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | |
| REFERENCE PATH DATA SELECTOR | 0 |
| REFERENCE PATH IDENTIFIER (APPROACH ID) | W08B |
| LTP/FTP LATITUDE | 425235.8810N |
| LTP/FTP LONGITUDE | 0853231.8820W |
| LTP/FTP ELLIPSOIDAL HEIGHT | +02076 |
| FPAP LATITUDE | 425250.8100N |
| FPAP LONGITUDE | 0853019.1200W |
| THRESHOLD CROSSING HEIGHT (TCH) | 00051.2 |
| 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 |

CRC REMAINDER

6712FD74

ADDITIONAL PATH POINT RECORD INFORMATION

| | |
|-------------------------|--------|
| ICAO CODE | K5 |
| LTP ORTHOMETRIC HEIGHT | +02412 |
| FPAP ORTHOMETRIC HEIGHT | +02412 |

QUALITY
10
CHECKED

CITY AND STATE

GRAND RAPIDS, MI

ELEVATION: 794

TDZE: 794

AIRPORT NAME:

GERALD R FORD INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 8R, AMDT 1A

14 SEPTEMBER 2017

SUP:

AMDT:

1

DATED:

07/02/2009