

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       |                            |                     |          | MISSED APPROACH                                                                                                                                                                                                                                                                                                                                                                      |  |
|-----------------------|----------------------------|---------------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| FROM                  | TO                         | COURSE AND DISTANCE | ALTITUDE |                                                                                                                                                                                                                                                                                                                                                                                      |  |
| YUFJE (IF/IAF)        | HUMDI (FB)                 | 035.36 / 4.24       | 2700     | LP: RW04<br>LNAV: RW04                                                                                                                                                                                                                                                                                                                                                               |  |
| HUMDI (FAF)           | ZENOX/1.80 NM TO RW04 (FB) | 035.39 / 3.96       |          | CLIMB TO 1300, THEN CLIMBING RIGHT TURN TO 2800 DIRECT MOP VOR/DME AND HOLD.                                                                                                                                                                                                                                                                                                         |  |
| ZENOX/1.80 NM TO RW04 | RW04 (MAP) (FO)            | 035.39 / 1.80       |          |                                                                                                                                                                                                                                                                                                                                                                                      |  |
| RW04 (MAP)            | 1300 MSL                   | 035.39              | 1300     |                                                                                                                                                                                                                                                                                                                                                                                      |  |
| 1300 MSL              | MOP VOR/DME (FO)           |                     | 2800     | ADDITIONAL FLIGHT DATA:<br>HOLD S, RT, 004.00 INBOUND.<br>CHART FAS OBST: 938 SIGN 434850N/0844514W<br>CHART FAS OBST: 949 TREE 434828N/0844554W<br>CHART: 1189 TOWER 434433N/0844818W<br>CHART: 949 TREE 434828N/0844554W<br>WAAS CHANNEL # 72734<br>REFERENCE PATH ID: W04A<br>HUMDI TO RW04: 3.00/40.<br>CHART CIRCLING ICON.<br>CHART MOUNT PLEASANT AWOS-3.<br>LTP HAE: 218.1 M |  |

- PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
- HOLD SW YUFJE, RT, 035.36 INBOUND, 3100 FT. IN LIEU OF PT (IAF)
- FAC: 035.39 FAF: HUMDI DIST FAF TO MAP: 5.76 THLD: 5.76
- MIN. ALT: YUFJE 3100, HUMDI 2700, ZENOX/1.80 NM TO RW04 1440
- DIST TO THLD FROM OM:        MM:        IM:        150 HAT:        100 HAT:        GS ANT:
- MIN GS INCPT:        GS ALT AT:        OM:        MM:        IM:
- GS ANGLE:        TCH: 34:1 IS NOT CLEAR
- MSA FROM:

MAG VAR: 5W EPOCH YEAR: 1995

MINIMUMS

| TAKEOFF:        | SEE FAA FORM 8260-15A FOR THIS AIRPORT |     |         |        |     |         | ALTERNATE: N A | X   |         |        |     |         |        |     |         |  |
|-----------------|----------------------------------------|-----|---------|--------|-----|---------|----------------|-----|---------|--------|-----|---------|--------|-----|---------|--|
| 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 |  |
| LP MDA          | 1240                                   | 1   | 414     | 1240   | 1   | 414     |                | NA  |         |        | NA  |         |        |     |         |  |
| LNAV MDA        | 1260                                   | 1   | 434     | 1260   | 1   | 434     |                | NA  |         |        | NA  |         |        |     |         |  |
| CIRCLING        | 1380                                   | 1   | 524     | 1420   | 1   | 564     |                | NA  |         |        | NA  |         |        |     |         |  |
|                 |                                        |     |         |        |     |         |                |     |         |        |     |         |        |     |         |  |
|                 |                                        |     |         |        |     |         |                |     |         |        |     |         |        |     |         |  |

NOTES:  
CHART NOTE: DME/DME RNP-0.3 NA.  
CHART NOTE: USE MOUNT PLEASANT ALTIMETER SETTING; WHEN NOT RECEIVED, USE MIDLAND ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET.  
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
(SEE FORM 8260-10)



|                             |                             |                              |                                                                  |            |
|-----------------------------|-----------------------------|------------------------------|------------------------------------------------------------------|------------|
| CITY AND STATE<br>CLARE, MI | ELEVATION: 856 THRE: 826    | FACILITY IDENTIFIER:<br>RNAV | PROCEDURE NO./AMDT NO./EFFECTIVE DATE:<br>RNAV (GPS) RWY 4, ORIG | SUP:       |
|                             | AIRPORT NAME:<br>CLARE MUNI |                              |                                                                  | AMDT: NONE |
|                             | DATED                       |                              |                                                                  |            |

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NOTES, (CONT.):

CHART NOTE: CIRCLING TO RWY 9/27 NA AT NIGHT.

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

TAA

|    | FROM                    | TO                  | ALT  |
|----|-------------------------|---------------------|------|
| 1. | 305/30 CW 125/30 (NOPT) | YUFJE (IF/IAF) (FB) | 3100 |
| 2. | 125/30 CW 305/30        | YUFJE (IF/IAF) (FO) | 3100 |



CITY AND STATE

CLARE, MI

ELEVATION: 856

THRE: 826

AIRPORT NAME:

CLARE MUNI

FACILITY IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 4, ORIG

SUP:

AMDT: NONE

DATED:

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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**FAS DATA BLOCK INFORMATION**

| <u>DATA FIELD</u>                        | <u>DATA</u>   |
|------------------------------------------|---------------|
| OPERATION TYPE                           | 0             |
| SBAS SERVICE PROVIDER IDENTIFIER         | 0             |
| AIRPORT IDENTIFIER                       | 48D           |
| RUNWAY                                   | RW04          |
| APPROACH PERFORMANCE DESIGNATOR          | 0             |
| ROUTE INDICATOR                          |               |
| REFERENCE PATH DATA SELECTOR             | 0             |
| REFERENCE PATH IDENTIFIER (APPROACH ID)  | W04A          |
| LTP/FTP LATITUDE                         | 434957.9660N  |
| LTP/FTP LONGITUDE                        | 0844433.7685W |
| LTP/FTP ELLIPSOIDAL HEIGHT               | +02181        |
| FPAP LATITUDE                            | 435114.7900N  |
| FPAP LONGITUDE                           | 0844331.3800W |
| THRESHOLD CROSSING HEIGHT (TCH)          | 00040.0       |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F             |
| GLIDEPATH ANGLE (GPA)                    | 03.00         |
| COURSE WIDTH AT THRESHOLD                | 106.75        |
| LENGTH OFFSET                            | 1680          |
| HORIZONTAL ALERT LIMIT (HAL)             | 40.0          |
| VERTICAL ALERT LIMIT (VAL)               | 0.0           |

CRC REMAINDER E75B75C3

**ADDITIONAL PATH POINT RECORD INFORMATION**

|                         |        |
|-------------------------|--------|
| ICAO CODE               | K5     |
| LTP ORTHOMETRIC HEIGHT  | +02518 |
| FPAP ORTHOMETRIC HEIGHT | +02518 |

QUALITY  
CHECKED

|                             |                               |                              |                                                                   |            |
|-----------------------------|-------------------------------|------------------------------|-------------------------------------------------------------------|------------|
| CITY AND STATE<br>CLARE, MI | ELEVATION: 856      THRE: 826 | FACILITY IDENTIFIER:<br>RNAV | PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:<br>RNAV (GPS) RWY 4, ORIG | SUP:       |
|                             | AIRPORT NAME:<br>CLARE MUNI   |                              |                                                                   | AMDT: NONE |
|                             |                               |                              |                                                                   | DATED:     |



**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**FLIGHT STANDARDS SERVICES - FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

| ROUTES | TRANSITION | FIX   | SEQ | USE  | PATH | TURN | FO/FB | RNP | MAG(TRUE)      | DISTANCE | ALTITUDE | SPEED    |
|--------|------------|-------|-----|------|------|------|-------|-----|----------------|----------|----------|----------|
|        | YUFJE      | YUFJE | 010 | IAF  | HF   | R    | FO    |     | 035.4 (030.4T) | 004.0    | AA 03100 |          |
|        |            | YUFJE | 010 | FACF | IF   |      | FB    |     |                |          | AA 03100 |          |
|        |            | HUMDI | 020 | FAF  | TF   |      | FB    | 0.5 | 035.4 (030.4T) | 004.2    | AA 02700 |          |
|        |            | ZENOX | 021 | SDF  | TF   |      | FB    | 0.3 | 035.4 (030.4T) | 004.0    | AA 01440 | GS 01440 |
|        |            | RW04  | 030 | MAP  | TF   |      | FO    | 0.3 | 035.4 (030.4T) | 001.8    | AT 00866 |          |

| MISSED APPROACH | FIX | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG(TRUE)      | DISTANCE | ALTITUDE | SPEED |
|-----------------|-----|-----|-----|------|------|-------|-----|----------------|----------|----------|-------|
|                 |     | 040 |     | CA   |      | FB    |     | 035.4 (030.4T) |          | AA 01300 |       |
|                 | MOP | 050 |     | DF   | R    | FO    |     |                |          | AA 02800 |       |
|                 | MOP | 060 |     | HM   | R    | FO    |     | 004.0 (359.0T) | 004.0    | AA 02800 |       |

| POINT DATA | WAYPOINT | LAT IN SECS | LONG IN SECS | LAT IN MINS | LONG IN MINS |
|------------|----------|-------------|--------------|-------------|--------------|
|            | MOP      | N433722.17  | W0844414.16  | N4337.370   | W08444.236   |
|            | HUMDI    | N434459.99  | W0844835.27  | N4345.000   | W08448.588   |
|            | YUFJE    | N434120.40  | W0845132.73  | N4341.340   | W08451.546   |
|            | ZENOX    | N434824.75  | W0844549.41  | N4348.413   | W08445.824   |
|            | RW04     | N434957.97  | W0844433.77  | N4349.966   | W08444.563   |

| RUNWAY DATA | RWY  | THRESHOLD ELEVATION | TCH |
|-------------|------|---------------------|-----|
|             | RW04 | 00826               | 40  |



|                                    |                                    |                  |                      |                                            |                   |
|------------------------------------|------------------------------------|------------------|----------------------|--------------------------------------------|-------------------|
| CITY AND STATE<br><b>CLARE, MI</b> | ELEVATION: <b>856</b>              | THRE: <b>826</b> | FACILITY IDENTIFIER: | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: | SUP:              |
|                                    | AIRPORT NAME:<br><b>CLARE MUNI</b> |                  | <b>RNAV</b>          | <b>RNAV (GPS) RWY 4, ORIG</b>              | AMDT: <b>NONE</b> |
|                                    |                                    |                  |                      |                                            | DATED:            |