

US DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

**RNAV (GPS) - STANDARD  
INSTRUMENT APPROACH PROCEDURE  
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.

| TERMINAL ROUTES |            |                     |          | MISSED APPROACH  |
|-----------------|------------|---------------------|----------|--|
| FROM            | TO         | COURSE AND DISTANCE | ALTITUDE |  |
| BANJO           | RILOY (FB) | 289.49 / 12.10      | 3100     | LNAV: RW09   |
| ZABLE           | MILAE (FB) | 205.80 / 22.72      | 3100     |  |
| LADIN           | HAPEV (FB) | 110.39 / 21.00      | 3300     | CLIMB TO 4000 DIRECT AVIXY AND VIA TRACK 179.43 TO SNOWW AND VIA TRACK 279.31 TO BANJO AND HOLD. |
| HAPEV (IAF)     | NEWFE (FB) | 110.72 / 10.60      | 3100     |  |
| MILAE (IAF)     | NEWFE (FB) | 184.69 / 5.00       | 3100     |  |
| RILOY (IAF)     | NEWFE (FB) | 004.69 / 5.00       | 3100     |  |
| NEWFE (IF)      | KAKEW (FB) | 094.69 / 6.10       | 2600     |  |

ADDITIONAL FLIGHT DATA:  
HOLD S, RT, 359.00 INBOUND.  
CHART FAS OBST: 1357 TOWER 441506N/0841516W  
CHART VDP AT 2.32 MILES TO RW09.  
KAKEW TO RW09: 3.05/41

- PT NA SIDE OF COURSE            OUTBOUND            FT WITHIN            MILES OF            (IAF)
- PROFILE STARTS AT NEWFE
- FAC: 094.79 FAF: KAKEW DIST FAF TO MAP: 5.19 THLD: 5.19
- MIN. ALT: NEWFE 3100, KAKEW 2600
- DIST TO THLD FROM OM:            MM:            IM:            150 HAT:            100 HAT:            GS ANT:
- MIN GS INCP:            GS ALT AT:            OM:            MM:            IM:
- GS ANGLE:            TCH: 34:1 IS NOT CLEAR
- MSA FROM: RW09 3300

MAG VAR: **6W** EPOCH YEAR: **1985**

**MINIMUMS**

| TAKEOFF: | STANDARD | X   | 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 |  |
| LNAV MDA | 1660     | 1   | 783                                    | 1660           | 1 1/4      | 783     | 1660   | 2 1/4 | 783     | 1660   | 2 1/2 | 783     |        |     |         |  |
| CIRCLING | 1660     | 1   | 778                                    | 1660           | 1 1/4      | 778     | 1660   | 2 1/4 | 778     | 1660   | 2 1/2 | 778     |        |     |         |  |
|          |          |     |  |                |            |         |        |       |         |        |       |         |        |     |         |  |
|          |          |     |  |                |            |         |        |       |         |        |       |         |        |     |         |  |

NOTES:  
CHART NOTE: DME/DME RNP-0.3 NA.  
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.  
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SAGINAW INTL ALTIMETER SETTING AND INCREASE ALL MDA 140 FEET, INCREASE LNAV CAT A VISIBILITY 1/4 MILE AND CAT C/D 1/2 MILE, INCREASE SEE 8260-10

@ CAT C 800-2 1/4, CAT D 800-2 1/2  
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.



|  |   |                                     |   |                                    |
|--|---|-------------------------------------|---|------------------------------------|
| CITY AND STATE<br><b>WEST BRANCH, MI</b> | ELEVATION: <b>882</b> TDZE: <b>877</b><br>AIRPORT NAME:<br><b>WEST BRANCH COMMUNITY</b> | FACILITY IDENTIFIER:<br><b>RNAV</b> | PROCEDURE NO./AMDT NO./EFFECTIVE DATE:<br><b>RNAV (GPS) RWY 9, ORIG<br/>22 OCT 2009</b> | SUP:<br>AMDT: <b>NONE</b><br>DATED |
|--|---|-------------------------------------|---|------------------------------------|

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**NOTES CONT.**

**CIRCLING CAT A VISIBILITY 1/4 MILE AND CAT C/D 1/2 MILE.**

**CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LADIN VIA V133 NORTHWEST BOUND.**



|  |   |                                     |   |                   |
|--|---|-------------------------------------|---|-------------------|
| CITY AND STATE<br><b>WEST BRANCH, MI</b> | ELEVATION: 882 TDZE: 877<br>AIRPORT NAME:<br><b>WEST BRANCH COMMUNITY</b> | FACILITY IDENTIFIER:<br><b>RNAV</b> | PROCEDURE NO./AMDT NO./EFFECTIVE DATE:<br><b>RNAV (GPS) RWY 9, ORIG</b><br><b>22 OCT 2009</b> | SUP:              |
|  |   |                                     |   | AMDT: <b>NONE</b> |
|  |   |                                     |   | DATED:            |





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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

| ROUTES | TRANSITION | FIX   | SEQ | USE  | PATH | TURN | FO/FB | RNP | MAG (TRUE)   | DISTANCE | ALTITUDE |
|--------|------------|-------|-----|------|------|------|-------|-----|--------------|----------|----------|
|        | BANJO      | BANJO | 010 |      | IF   |      | FB    |     |              |          |          |
|        | BANJO      | RILOY | 020 | IAF  | TF   |      | FB    | 2.0 | 289.5 (284T) | 012.1    | 03100    |
|        | BANJO      | NEWFE | 030 |      | TF   |      | FB    | 1.0 | 004.7 (359T) | 005.0    | 03100    |
|        | LADIN      | LADIN | 010 |      | IF   |      | FB    |     |              |          |          |
|        | LADIN      | HAPEV | 020 | IAF  | TF   |      | FB    | 2.0 | 110.4 (104T) | 021.0    | 03300    |
|        | LADIN      | NEWFE | 030 |      | TF   |      | FB    | 1.0 | 110.7 (105T) | 010.6    | 03100    |
|        | ZABLE      | ZABLE | 010 |      | IF   |      | FB    |     |              |          |          |
|        | ZABLE      | MILAE | 020 | IAF  | TF   |      | FB    | 2.0 | 205.8 (200T) | 022.7    | 03100    |
|        | ZABLE      | NEWFE | 030 |      | TF   |      | FB    | 1.0 | 184.7 (179T) | 005.0    | 03100    |
|        |            | NEWFE | 010 | FACF | IF   |      | FB    |     |              |          | 03100    |
|        |            | KAKEW | 020 | FAF  | TF   |      | FB    | 0.5 | 094.7 (089T) | 006.1    | 02600    |
|        |            | RW09  | 030 | MAP  | TF   |      | FO    | 0.3 | 094.8 (089T) | 005.2    | 00922    |

| MISSED APPROACH | FIX   | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG (TRUE)   | DISTANCE | ALTITUDE |
|-----------------|-------|-----|-----|------|------|-------|-----|--------------|----------|----------|
|                 | AVIXY | 040 |     | DF   |      | FB    | 1.0 |              |          |          |
|                 | SNOWW | 050 |     | TF   |      | FB    | 1.0 | 179.4 (173T) |          |          |
|                 | BANJO | 060 |     | TF   | R    | FO    | 1.0 | 279.3 (273T) |          | 04000    |
|                 | BANJO | 070 |     | HM   | R    | FO    | 2.0 | 359.0 (353T) | 004.0    | 04000    |

| POINT DATA | WAYPOINT | LAT IN SECS | LONG IN SECS | LAT IN MINS | LONG IN MINS |
|------------|----------|-------------|--------------|-------------|--------------|
|            | AVIXY    | N441453.74  | W0835450.77  | N4414.896   | W08354.846   |
|            | BANJO    | N440638.29  | W0841033.54  | N4406.638   | W08410.559   |
|            | HAPEV    | N441708.96  | W0844119.70  | N4417.149   | W08441.328   |
|            | KAKEW    | N441434.47  | W0841835.11  | N4414.575   | W08418.585   |
|            | LADIN    | N442225.61  | W0850938.76  | N4422.427   | W08509.646   |
|            | MILAE    | N441926.33  | W0842713.33  | N4419.439   | W08427.222   |
|            | NEWFE    | N441426.40  | W0842703.78  | N4414.440   | W08427.063   |
|            | RILOY    | N440926.47  | W0842654.25  | N4409.441   | W08426.904   |
|            | SNOWW    | N440556.67  | W0835324.96  | N4405.945   | W08353.416   |
|            | ZABLE    | N444049.15  | W0841630.05  | N4440.819   | W08416.501   |
|            | RW09     | N441440.84  | W0841121.65  | N4414.681   | W08411.361   |

| RUNWAY DATA | RWY  | THRESHOLD ELEVATION | TCH |
|-------------|------|---------------------|-----|
|             | RW09 | 00881               | 41  |

QUALITY  
CHECKED

|                                   |  |                              |   |            |
|-----------------------------------|--|------------------------------|---|------------|
| CITY AND STATE<br>WEST BRANCH, MI | ELEVATION: 882 TDZE: 877               | FACILITY IDENTIFIER:<br>RNAV | PROCEDURE NO./AMDT NO./EFFECTIVE DATE:<br>RNAV (GPS) RWY 9, ORIG<br>22 OCT 2009 | SUP:       |
|                                   | AIRPORT NAME:<br>WEST BRANCH COMMUNITY |                              |   | AMDT: NONE |
|                                   |  |                              |   | DATED:     |