

|   |  |                                 |     |         |                     |     |         |                             |          |  |   |            |         |     |     |                 |  |  |  |
|---|--|---------------------------------|-----|---------|---------------------|-----|---------|-----------------------------|----------|--|---|------------|---------|-----|-----|-----------------|--|--|--|
| U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION<br>VOR STANDARD INSTRUMENT APPROACH PROCEDURE<br>FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23 |  |                                 |     |         |                     |     |         |                             |          | 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 |  | MAP: 5.00 NM AFTER LAWNS INT/FWA 15.00 DME OR AT MABHA/FWA 20.00 DME          |            |         |     |     |                 |  |  |  |
| OLK VOR   |  | LAWNS INT/FWA 15.00 DME         |     |         | 098.05 / 18.21      |     |         |                             | 2700     |  | CLIMBING RIGHT TURN TO 2700 ON FWA R-022 TO LAWNS INT/FWA 15.00 DME AND HOLD. |            |         |     |     |                 |  |  |  |
| FWA VORTAC (IF/IAF)   |  | LAWNS INT/FWA 15.00 DME (NOPT)  |     |         | 022.00 / 15.00      |     |         |                             | 2700     |  |   |            |         |     |     |                 |  |  |  |
|   |  |                                 |     |         |                     |     |         |                             |          | ADDITIONAL FLIGHT DATA:<br>CHART FAS OBST: 1023 T-L TWR 411637N/0850339W<br>FAC CROSSES MIDPOINT OF RWY 9-27.<br>CHART CIRCLING ICON.  |   |            |         |     |     |                 |  |  |  |
| 1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)  |  |                                 |     |         |                     |     |         |                             |          |  |   |            |         |     |     |                 |  |  |  |
| 2. HOLD S LAWNS, RT, 022.00 INBOUND, 2700 FT. IN LIEU OF PT (IAF)   |  |                                 |     |         |                     |     |         |                             |          |  |   |            |         |     |     |                 |  |  |  |
| 3. FAC 022.00 FAF LAWNS INT/FWA 15.00 DME   |  |                                 |     |         |                     |     |         |                             |          | DIST FAF TO MAP 5.00 THLD  |   |            |         |     |     |                 |  |  |  |
| 4. MIN. ALT LAWNS 2700, JUPAV/FWA 19.00 DME 1500  |  |                                 |     |         |                     |     |         |                             |          |  |   |            |         |     |     |                 |  |  |  |
| 8. MSA FROM: FWA VORTAC 2700  |  |                                 |     |         |                     |     |         |                             |          | 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   |     |                 |  |  |  |
|   |  | MDA                             | VIS | HAT/HAA | MDA                 | VIS | HAT/HAA | MDA                         | VIS      | HAT/HAA  | MDA   | VIS        | HAT/HAA | MDA | VIS | HAT/HAA         |  |  |  |
| CIRCLING  |  | 1500                            | 1   | 620     | 1560                | 1   | 680     | 1720                        | 2 1/2    | 840  | 1720  | 2 3/4      | 840     |     |     |                 |  |  |  |
|   |  |                                 |     |         |                     |     |         |                             |          |  |   |            |         |     |     |                 |  |  |  |
| JUPAV FIX MINIMUMS  |  |                                 |     |         |                     |     |         |                             |          |  |   |            |         |     |     |                 |  |  |  |
| CIRCLING  |  | 1360                            | 1   | 480     | 1560                | 1   | 680     | 1720                        | 2 1/2    | 840  | 1720  | 2 3/4      | 840     |     |     |                 |  |  |  |
|   |  |                                 |     |         |                     |     |         |                             |          |  |   |            |         |     |     |                 |  |  |  |
| NOTES:  |  |                                 |     |         |                     |     |         |                             |          |  |   |            |         |     |     |                 |  |  |  |
| @ CAT C 900-2 1/2, CAT D 900-2 3/4  |  |                                 |     |         |                     |     |         |                             |          |  |   |            |         |     |     |                 |  |  |  |
| CITY AND STATE<br>AUBURN, IN  |  | ELEVATION: 880<br>AIRPORT NAME: |     |         | TDZE:               |     |         | FACILITY IDENTIFIER:<br>FWA |          |  | PROCEDURE NO./AMDT NO./EFFECTIVE DATE:<br>VOR-A, AMDT 10A, 04/27/2017         |            |         |     |     | SUP             |  |  |  |
|   |  | DE KALB COUNTY                  |     |         |                     |     |         |                             |          |  |   |            |         |     |     | AMDT 10         |  |  |  |
|   |  |                                 |     |         |                     |     |         |                             |          |  |   |            |         |     |     | DATE 11/12/2015 |  |  |  |



|  |  |                           |                     |  |   |
|--|--|---------------------------|---------------------|--|---|
| ALL AFFECTED PROCEDURES REVIEWED?<br><div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>  |  | COORDINATES OF FACILITIES |                     | REQUIRED EFFECTIVE DATE<br><div>04/27/2017</div> |   |
| COORDINATED WITH:  |  |                           |                     |  |   |
| ATA<br><div></div>   |  | AAT<br><div></div>        | ALPA<br><div></div> | APA<br><div></div>                               | AOPA<br><div>X</div>                                    |
|  |  |                           |                     |  | NBAA<br><div>X</div>                                    |
|  |  |                           |                     |  | OTHER (specify)<br><div>FWA APCH, ZAU, ZOB, AMGR.</div> |
| FLIGHT CHECKED BY  |  |                           |                     |  |   |
| NAME:<br><div>SHAWN DOUGLAS MAXWELL</div>  |  |                           |                     | FIFO<br><div>FIOG</div>                          | DATE:<br><div>09/03/2015</div>                          |
| DEVELOPED BY   |  |                           |                     |  |   |
| NAME:<br><div>JAMES ROGERS</div> <div><small>Digitally signed by JAMES ROGERS Dec 30, 2016</small></div>   |  |                           |                     | FIFO<br><div>AJV-5421</div>                      | DATE:<br><div>10/06/2016</div>                          |
| APPROVED BY  |  |                           |                     |  |   |
| NAME:<br><div>TONY R LAWSON</div> <div>MANAGER</div>   |  |                           |                     | FIFO<br><div>AJV-5420</div>                      | DATE:   |
| CHANGES:   |  |                           |                     |  |   |
| <div>1. CHANGED FWA VORTAC MAGVAR FROM 0E TO 6W.</div> <div>2. CHANGED LINE 2 INBOUND HEADING FROM 016.00 TO 022.00.</div> <div>3. CHANGED LINE 3 FAC FROM 016 TO 022.</div> <div>4. CHANGED MISSED APPROACH RADIAL OFF FWA VORTAC FROM R-016 TO R-022.</div> <div>5. TERMINAL ROUTE FROM FWA VORTAC TO LAWNS INT: CHANGED COURSE FROM 016.00 TO 022.00.</div> <div>6. ADDITIONAL FLIGHT DATA: CHANGED HOLDING INBOUND RADIAL FROM 016.00 TO 022.00.</div> <div>7. DELETED BACKUP ALTIMETER NOTE.</div> <div>8. ADDED ALTERNATE MINIMUMS AND ASSOCIATED NON-STANDARD NOTE.</div> |  |                           |                     |  |   |
| REASONS:   |  |                           |                     |  |   |
| <div>1. NEW PENDING AIRNAV DATA.</div> <div>2-6. FWA MAGVAR CHANGED FROM 0E TO 6W.</div> <div>7. NO LONGER REQUIRED, CONTINGENCY ON BACK OF -9.</div> <div>8. CRITERIA: 8260.19G, PARA 8-6-4 (3 AND 4).</div>  |  |                           |                     |  |   |



# STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

## PART - A OBSTRUCTION DATA

| 1. APP SEGMENT            |                 | FROM                            | TO              | OBSTRUCTION                | COORDINATES            | ELEV. MSL                   | ROC                    | ALT. ADJUSTMENTS | MIN. ALT. |             |             |
|---------------------------|-----------------|---------------------------------|-----------------|----------------------------|------------------------|-----------------------------|------------------------|------------------|-----------|-------------|-------------|
| FEEDER                    |                 | OLK VOR                         | LAWNS INT/FWA   | 1. TOWER (18-002382)       | 411445.00N/0852747.00W | 1270 (5D)                   | 1000                   | AT430            | 2700      |             |             |
|                           |                 |                                 | 15.00 DME       | 2. TERRAIN                 | 411612.00N/0852630.00W | 1019 (1000)                 |                        | AS1500           | 2500      |             |             |
| INTERMEDIATE              |                 | FWA VORTAC                      | LAWNS INT/FWA   | 3. TOWER (18-000045)       | 410539.00N/0851049.00W | 1648 (4D)                   | 500                    | DG552            | 2700      |             |             |
|                           |                 | (IF/IAF)                        | 15.00 DME       | 4. TERRAIN                 | 411327.00N/0850809.00W | 889 (900)                   |                        | AS1000           | 1900      |             |             |
| FINAL                     |                 | LAWNS INT/FWA                   | JUPAV/FWA 19.00 | 5. TOWER (18-000228)       | 411555.24N/0850434.03W | 1144 (4D)                   | 250                    | AC50 DG56        | 1500      |             |             |
|                           |                 | 15.00 DME                       | DME             |                            |                        |                             |                        |                  |           |             |             |
| FINAL: STEPDOWN           |                 | JUPAV/FWA 19.00                 | 5.00 NM AFTER   | 6. T-L TWR (18-026563)     | 411637.42N/0850339.45W | 1023 (1B)                   | 250                    | XP87             | 1360      |             |             |
|                           |                 | DME                             | LAWNS INT/FWA   |                            |                        |                             |                        |                  |           |             |             |
|                           |                 |                                 | 15.00 DME OR AT |                            |                        |                             |                        |                  |           |             |             |
|                           |                 |                                 | MABHA/FWA 20.00 |                            |                        |                             |                        |                  |           |             |             |
|                           |                 |                                 | DME             |                            |                        |                             |                        |                  |           |             |             |
|                           |                 |                                 |                 |                            |                        |                             |                        |                  |           |             |             |
|                           |                 |                                 |                 |                            |                        |                             |                        |                  |           |             |             |
|                           |                 |                                 |                 |                            |                        |                             |                        |                  |           |             |             |
|                           |                 |                                 |                 |                            |                        |                             |                        |                  |           |             |             |
|                           |                 |                                 |                 |                            |                        |                             |                        |                  |           |             |             |
|                           |                 |                                 |                 |                            |                        |                             |                        |                  |           |             |             |
|                           |                 |                                 |                 |                            |                        |                             |                        |                  |           |             |             |
|                           |                 |                                 |                 |                            |                        |                             |                        |                  |           |             |             |
|                           |                 |                                 |                 |                            |                        |                             |                        |                  |           |             |             |
| 2. HOLD-IN-LIEU-OF-PT     |                 | LAWNS                           | P-5             | 3. TOWER (18-000045)       | 410539.00N/0851049.00W | 1648 (4D)                   | 1000                   |                  | 2700      |             |             |
|                           |                 |                                 |                 | 7. TERRAIN                 | 411457.00N/0850636.00W | 909 (900)                   |                        | AS1500           | 2400      |             |             |
| 3. MISSED APPROACH        | MAP:            | 5.00 NM AFTER                   | LAWNS INT/FWA   |                            |                        |                             | ASC                    |                  | 2700      |             |             |
|                           |                 | LAWNS INT/FWA                   | 15.00 DME       | 8. TOWER (18-001112)       | 412101.00N/0850429.00W | 1370 (5D)                   | 1000                   |                  | 2400      |             |             |
|                           | ELEV:           |                                 |                 | 7. TERRAIN                 | 411457.00N/0850636.00W | 909 (900)                   |                        | AS1500           | 2400      |             |             |
| 4. CIRCLING AREA          | DISTANCE        | HT. ABV. ARPT.                  |                 |                            |                        |                             |                        |                  |           |             |             |
| CATEGORY A                | 1.3 NM          | REQUIRED                        | 350             | ACTUAL                     | 620 / 480              | 9. T-L TWR (18-026560)      | 411801.49N/0850149.14W | 1003 (1A)        | 300       | SI / SI     | 1500 / 1360 |
| CATEGORY B                | 1.5 NM          |                                 | 450             |                            | 680 / 680              | 10. TOWER (18-000300)       | 412001.00N/0850307.00W | 1192 (4D)        | 300       | AC50 / AC50 | 1560 / 1560 |
| CATEGORY C                | 1.7 NM          |                                 | 450             |                            | 840 / 840              | 8. TOWER (18-001112)        | 412101.00N/0850429.00W | 1370 (5D)        | 300       | AC50 / AC50 | 1720 / 1720 |
| CATEGORY D                | 2.3 NM          |                                 | 550             |                            | 840 / 840              | 8. TOWER (18-001112)        | 412101.00N/0850429.00W | 1370 (5D)        | 300       | AC50 / AC50 | 1720 / 1720 |
| CATEGORY E                | 4.5 NM          |                                 | 550             |                            |                        |                             |                        |                  |           |             |             |
| 5. MINIMUM SAFE ALTITUDES |                 |                                 |                 | PRIMARY NAVAID: FWA VORTAC |                        |                             |                        |                  |           |             |             |
| SECTOR                    | OBSTRUCTION     | BRG/DIST                        | ELEVATION (MSL) | M S A                      | SECTOR                 | OBSTRUCTION                 | BRG/DIST               | ELEVATION (MSL)  | M S A     |             |             |
| 360-360                   | TWR (18-000045) | 009/06.9                        | 1648 (4D)       | 2700                       |                        |                             |                        |                  |           |             |             |
| CITY AND STATE            |                 | ELEVATION: 880                  |                 | FACILITY                   |                        | PROCEDURE AND AMENDMENT NO: |                        | REGION           |           |             |             |
| AUBURN, IN                |                 | AIRPORT NAME:<br>DE KALB COUNTY |                 | FWA VORTAC                 |                        | VOR-A, AMDT 10A, 04/27/2017 |                        | AGL              |           |             |             |

|   |                            |                                   |                     |       |                  |                            |   |  |                     |  |  |
|---|----------------------------|-----------------------------------|---------------------|-------|------------------|----------------------------|---|--|---------------------|--|--|
| PART B - SUPPLEMENTAL DATA                    |                            |                                   |                     |       |                  |                            |   |  |                     | <div>PART C - REMARKS:</div> <div>VDP NOT ESTABLISHED - FINAL CIRCLING ONLY.</div> <div>PRECIPITOUS TERRAIN EVALUATION COMPLETED.</div> <div>70 FT VEGETATION HEIGHT USED PER IFF CHECKLIST.</div> <div>FINAL APPROACH COURSE AIMING POINT IS THE MIDPOINT RWT 9-27.</div> <div>ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.</div> <div>CAT A: 1.30NM</div> <div>CAT B: 1.84NM</div> <div>CAT C: 2.89NM</div> <div>CAT D: 3.77NM</div> <div>NO ADDITIONAL AIRSPACE REQUIRED.</div> <div>RASS PRESSURE PATTERNS SAME</div> <div>KGWB 880.4 MSL, KFWA 814.5 MSL</div> <div>RA = 56.6 FT.</div> <div>XP87: TO MAINTAIN PREVIOUS PUBLISHED MDA, NO CHANGES REQUESTED BY ATC.</div> <div>MAINTAIN PREVIOUS PUBLISHED MDA, NO CHANGES REQUESTED BY ATC.</div> |  |
| 1. COMMUNICATIONS WITH:                       |                            |                                   | 2. WEATHER SERVICE  |       |                  | 3. ALTIMETER SETTING       |   |  |                     |  |  |
| ZAU ARTCC<br>FWA APP CON<br>HUF FSS           |                            |                                   |                     | N W S | OTHER:<br>AWOS-3 |                            | SOURCE:KGWB / KFWA                        |  |                     |  |  |
|   |                            |                                   |                     | F A A |                  |                            | DISTANCE: 0 / 20.60                       |  |                     |  |  |
|   |                            |                                   |                     | A / C |                  |                            | HOURS REMOTE OPERATION:<br>0/YES / 24/YES |  |                     |  |  |
| SATISFACTORY ON:                              |                            |                                   |                     |       | H F              | LOCATION: KGWB             |   |  | ADJUSTMENT: 0 / 57  |  |  |
| 4.<br>MONITOR<br>STATUS                       | PRIMARY NAVAID: FWA VORTAC |                                   | MONITOR POINT: MOCC |       |                  |                            |   |  |                     |  |  |
|   |                            |                                   |                     |       |                  |                            |   |  |                     |  |  |
|   |                            |                                   |                     |       |                  |                            |   |  |                     |  |  |
| 5.<br>APPROACH<br>& RUNWAY<br>LIGHTING        | HRS                        | CAT 1                             | 24                  |       |                  |                            |   |  |                     |  |  |
|   | OPTN:                      | CAT 3                             |                     |       |                  |                            |   |  |                     |  |  |
|   |                            | ALS                               |                     |       |                  |                            |   |  |                     |  |  |
|   |                            | (S) SALS                          |                     |       |                  |                            |   |  |                     |  |  |
|   | X                          | MALSR 27 (PCL)                    |                     |       |                  |                            |   |  |                     |  |  |
|   |                            | HIRL                              |                     |       |                  |                            |   |  |                     |  |  |
|   | X                          | MIRL 09 (PCL), 27 (PCL)           |                     |       |                  |                            |   |  |                     |  |  |
|   | X                          | REIL 09 (PCL), 27 (PCL)           |                     |       |                  |                            |   |  |                     |  |  |
|   |                            | TDZ                               |                     |       |                  |                            |   |  |                     |  |  |
|   | C/LINE                     |                                   |                     |       |                  |                            |   |  |                     |  |  |
|   | X                          | OTHER (SPECIFY)<br>PAPI-2L 09, 27 |                     |       |                  |                            |   |  |                     |  |  |
| 6. RUNWAY<br>MARKINGS                         |                            | BASIC                             |                     |       |                  |                            |   |  |                     |  |  |
|   |                            | ALL WEATHER PIR-F 27              |                     |       |                  |                            |   |  |                     |  |  |
|   |                            | INSTRUMENT NPI-F 09               |                     |       |                  |                            |   |  |                     |  |  |
| 7. RUNWAY<br>VISUAL<br>RANGE                  |                            | APPROACH                          |                     |       |                  |                            |   |  |                     |  |  |
|   |                            | MIDFIELD                          |                     |       |                  |                            |   |  |                     |  |  |
|   |                            | ROLL OUT                          |                     |       |                  |                            |   |  |                     |  |  |
| 8. GLIDE<br>PATH                              |                            | GP ANGLE:                         |                     |       |                  | ELEV RWY THRESHOLD:        |   |  |                     |  |  |
|   |                            | DISTANCE FROM RWY:                |                     |       |                  | ELEV GP ANTENNA:           |   |  |                     |  |  |
|   |                            |                                   |                     |       |                  | THRESHOLD CROSSING HEIGHT: |   |  |                     |  |  |
| 9. FINAL APPROACH<br>COURSE AIMING            |                            |                                   | RUNWAY THRESHOLD    |       |                  |                            |   |  | FT. FROM THRESHOLD  |  |  |
|   |                            |                                   | ON CENTERLINE       |       |                  |                            |   |  | FT. FROM CENTERLINE |  |  |
| 10. WAIVERS: NONE                             |                            |                                   |                     |       |                  |                            |   |  |                     |  |  |
| PART D - PREPARED BY:<br>JAMES ROGERS         |                            |                                   |                     |       |                  | DATE:<br>10/06/2016        |   |  |                     |  |  |
| TITLE:<br>AERONAUTICAL INFORMATION SPECIALIST |                            |                                   |                     |       |                  | OFFICE:<br>AJV-5421        |   |  |                     |  |  |

