

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.33**

Bearings, headings, courses, tracks 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 feet RVR.

|                                 |                                           |                                       |                                           |                           |
|---------------------------------|-------------------------------------------|---------------------------------------|-------------------------------------------|---------------------------|
| <u>AIRPORT ID</u><br>SMD        | <u>PROCEDURE NAME</u><br>RNAV (GPS) RWY 5 | <u>ORIGINAL/AMENDMENT</u><br>1        | <u>CITY</u><br>FORT WAYNE                 | <u>STATE</u><br>IN        |
| <u>AIRPORT ELEVATION</u><br>836 | <u>TDZE</u><br>834                        | <u>SUPERSEDED</u><br>RNAV (GPS) RWY 5 | <u>DATED</u><br>02/28/2019                | <u>MAG VAR</u><br>5W      |
| <u>FACILITY</u><br>RNAV         | <u>COORDINATES OF FACILITIES</u>          | <u>ACTUAL EFFECTIVE DATE</u>          | <u>REQUIRED EFFECTIVE DATE</u><br>ROUTINE | <u>EPOCH YEAR</u><br>2000 |
|                                 |                                           |                                       | <u>CANCEL/SUSPEND</u>                     |                           |

**TERMINAL ROUTES**

| <u>FROM</u> | <u>FIX TYPE</u> | <u>TO</u> | <u>FIX TYPE</u> | <u>LEG TYPE</u> | <u>FO/FB</u> | <u>RNP</u> | <u>COURSE</u> | <u>DISTANCE</u> | <u>ALTITUDE</u> |
|-------------|-----------------|-----------|-----------------|-----------------|--------------|------------|---------------|-----------------|-----------------|
| WERBU       |                 | YIGIX     |                 | TF              | FB           | 1.00       | 149.46        | 5.12            | 2600            |
| YIGIX       | IAF             | WAXEV     | NOPT            | TF              | FB           | 1.00       | 145.50        | 7.00            | 2600            |
| YAVUS       | IAF             | WAXEV     | NOPT            | TF              | FB           | 1.00       | 330.59        | 7.00            | 2600            |
| WAXEV       | IF/IAF          | OSHOB     |                 | TF              | FB           | 1.00       | 055.57        | 6.00            | 2400            |
| OSHOB       | FAF             | RW05      | MAP             | TF              | FO           | 0.30       | 055.66        | 4.81            |                 |
| RW05        | MAP             | 1236 MSL  |                 | CA              |              |            | 055.66        |                 |                 |
| 1236 MSL    |                 | INODY     |                 | DF              | FB           | 1.00       |               |                 |                 |
| INODY       |                 | IVUNY     |                 | TF              | FB           | 1.00       | 330.84        | 6.34            |                 |
| IVUNY       |                 | WERBU     |                 | TF              | FO           | 1.00       | 256.22        | 16.53           | 2700            |

**MISSED APPROACH**

**MAP:**

LNAV: RW05

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2700 DIRECT INODY AND ON TRACK 330.84 TO IVUNY AND ON TRACK 256.22 TO WERBU AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

- |       |                                                                            |                    |                       |                        |         |
|-------|----------------------------------------------------------------------------|--------------------|-----------------------|------------------------|---------|
| 1. PT | SIDE OF COURSE                                                             | OUTBOUND           | FT WITHIN             | MILES OF               | (IAF)   |
| 2.    | HOLD SW WAXEV, LT, 055.57 INBOUND, 2600 FT. IN LIEU OF PT (IAF), MAX 6000. |                    |                       |                        |         |
| 3.    | FAC: 055.66                                                                | FAF: OSHOB         | DIST FAF TO MAP: 4.81 | DIST FAF TO THLD: 4.81 |         |
| 4.    | MIN ALT: WAXEV 2600, OSHOB 2400                                            |                    |                       |                        |         |
| 5.    | DIST TO THLD FROM OM:                                                      | MM:                | IM:                   | 150 HAT:               | GS ANT: |
| 6.    | MIN GP INCPT:                                                              | GP ALT AT FAF:     |                       | OM:                    | MM:     |
| 7.    | GP ANGLE:                                                                  | 34:1: IS NOT CLEAR | 20:1: IS CLEAR        | TCH:                   | IM:     |
| 8.    | MSA FROM: RW05 2700                                                        |                    |                       |                        |         |

QUALITY  
10  
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART NOTE: RWY 5 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 NOT AUTHORIZED.  
CHART NOTE: CIRCLING TO RWY 13/31 NA AT NIGHT.  
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FWA ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET.  
CHART NOTE: VDP NA WITH FWA ALTIMETER SETTING.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 334.25 INBOUND.  
CHART FAS OBST: 1627 TOWER (18-000639) 410633N/0851142W.  
CHART VDP AT 2.36 NM TO RW05.  
CHART CIRCLING ICON.  
CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☒

| CATEGORY:  | A      |       |         | B      |       |         | C      |     |         | D      |     |         | E      |     |         |
|------------|--------|-------|---------|--------|-------|---------|--------|-----|---------|--------|-----|---------|--------|-----|---------|
| FINAL TYPE | DA/MDA | VIS   | HAT/HAA | DA/MDA | VIS   | HAT/HAA | DA/MDA | VIS | HAT/HAA | DA/MDA | VIS | HAT/HAA | DA/MDA | VIS | HAT/HAA |
| LNAV MDA   | 1880   | 1 1/4 | 1046    | 1880   | 1 1/2 | 1046    | 1880   | 3   | 1046    |        | NA  |         |        |     |         |
| CIRCLING   | 1880   | 1 1/4 | 1044    | 1880   | 1 1/2 | 1044    | 1940   | 3   | 1104    |        | NA  |         |        |     |         |



|                          |                                           |                                |                           |                    |
|--------------------------|-------------------------------------------|--------------------------------|---------------------------|--------------------|
| <b>AIRPORT ID</b><br>SMD | <b>PROCEDURE NAME</b><br>RNAV (GPS) RWY 5 | <b>ORIGINAL/AMENDMENT</b><br>1 | <b>CITY</b><br>FORT WAYNE | <b>STATE</b><br>IN |
|--------------------------|-------------------------------------------|--------------------------------|---------------------------|--------------------|

**CHANGES - REASONS**

1. TERMINAL ROUTES: CHANGED WERBU TO YIGIX COURSE FROM "148.02" TO "149.46" – YIGIX MOVED DUE TO LEG LENGTH ISSUES.  
2. TERMINAL ROUTES: CHANGED WERBU TO YIGIX DISTANCE FROM "7.12" TO "5.12" - YIGIX MOVED DUE TO LEG LENGTH ISSUES.  
3. TERMINAL ROUTES: CHANGED YIGIX TO WAXEV COURSE FROM "145.53" TO "145.50" – NEW TARGETS EVALUATION.  
4. TERMINAL ROUTES: CHANGED YIGIX TO WAXEV DISTANCE FROM "5.00" TO "7.00" – YIGIX MOVED DUE TO LEG LENGTH ISSUES.  
5. TERMINAL ROUTES: CHANGED YAVUS TO WAXEV COURSE FROM "330.94" TO "330.59" – NEW TARGETS EVALUATION.  
6. TERMINAL ROUTES: CHANGED YAVUS TO WAXEV DISTANCE FROM "6.27" TO "7.00" – YAVUS MOVED DUE TO LEG LENGTH ISSUES.  
7. TERMINAL ROUTES: CHANGED WAXEV TO OSHOB COURSE FROM "055.58" TO "055.57" – NEW TARGETS EVALUATION.  
8. TERMINAL ROUTES: CHANGED WAXEV TO OSHOB DISTANCE FROM "6.02" TO "6.00" – NEW TARGETS EVALUATION.  
9. TERMINAL ROUTES: CHANGED OSHOB TO RW05 COURSE FROM "055.65" TO "055.66" – NEW TARGETS EVALUATION.  
10. TERMINAL ROUTES: CHANGED INODY TO IVUNY COURSE FROM "335.00" TO "330.84" – INODY MOVED DUE TO LEG LENGTH ISSUES.  
11. TERMINAL ROUTES: CHANGED INODY TO IVUNY DISTANCE FROM "6.40" TO "6.34" – INODY MOVED DUE TO LEG LENGTH ISSUES.  
12. PROFILE LINE 2: UPDATED INBOUND CORUSE FROM "055.58" TO "055.57" – NEW TARGETS EVAL.  
13. PROFILE LINE 3: CHANGED FAC FROM "055.65" TO "055.66" – NEW TARGETS EVALUATION.  
14. PROFILE LINE 3: CHANGED DIST FAF TO MAP FROM "4.75" TO "4.81" – FAF MOVED WITH NEW TARGETS EVALUATION.  
15. PROFILE LINE 3: CHANGED DIST FAF TO THLD FROM "4.75" TO "4.81" – FAF MOVED WITH NEW TARGETS EVALUATION.  
16. PBN REQUIREMENTS NOTE: UPDATED PBN REQUIREMENTS NOTE FROM "RNP APCH" TO "RNP APCH – GPS." – IAW 8260.19J 8-6-8.  
17. NOTES: CHANGED LOCAL ALTIMETER NOTE FROM "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT WAYNE INTL ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET." TO "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FWA ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET." – IAW 8260.19J 8-6-10.  
18. NOTES: ADDED "CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})." – IAW 8260.19J 8-6-10.  
19. NOTES: ADDED "CHART NOTE: RWY 5 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED." – IAW 8260.19J 8-6-12.  
20. MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMB TO 2700 DIRECT INODY AND ON TRACK 335.00 TO IVUNY AND ON TRACK 256.22 TO WERBU AND HOLD." TO "CLIMB TO 2700 DIRECT INODY AND ON TRACK 330.84 TO IVUNY AND ON TRACK 256.22 TO WERBU AND HOLD." – INODY MOVED DUE TO LEG LENGTH ISSUES.  
21. NOTES: ADDED "CIRCLING TO RWY 13/31 NA AT NIGHT" – IAW 8260.19J 8-6-12.  
22. NOTES: ADDED "CHART NOTE: VDP NA WHEN USING FWA ALTIMETER SETTING." – IAW 8260.19J 8-6-10.  
23. ADDITIONAL FLIGHT DATA: ADDED "CHART FAS OBST: 1627 TOWER (18-000639) 410633N/0851142W." – IAW 8260.19J 8260.19J 8-6-11.  
24. ADDITIONAL FLIGHT DATA: ADDED "CHART VDP AT 2.36 NM TO RW05" – IAW 8260.19J 8-6-11.  
25. PROFILE LINE 7: CHANGED "20:1 IS NOT CLEAR." TO "20:1 IS CLEAR." - IAW 8260.19J 8-6-7.

**COORDINATED WITH:**

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER: ZAU, FWA APP CON, AMGR

**FLIGHT CHECKED BY**

SCOTT WIEBE

*Digitally signed by*  
**ROBERT G HAMILTON**

Feb 24, 2025

**OFFICE**

AJF

**DATE**

02/22/2025

**DEVELOPED BY**

DEVON KERCHER

**ROBERT G HAMILTON**

Feb 24, 2025

**OFFICE**

AJV-A431

**DATE**

08/28/2024

**APPROVED BY**

JOHN BORDY

*Digitally signed by*  
**ROBERT G HAMILTON**

Feb 24, 2025

**OFFICE**

AJV-A33

**DATE**

04/17/2025

**TITLE**

MANAGER



**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

|                          |                                           |                      |                           |                    |                                 |                         |
|--------------------------|-------------------------------------------|----------------------|---------------------------|--------------------|---------------------------------|-------------------------|
| <u>AIRPORT ID</u><br>SMD | <u>PROCEDURE NAME</u><br>RNAV (GPS) RWY 5 | <u>AMDT NO.</u><br>1 | <u>CITY</u><br>FORT WAYNE | <u>STATE</u><br>IN | <u>AIRPORT ELEVATION</u><br>836 | <u>FACILITY</u><br>RNAV |
|--------------------------|-------------------------------------------|----------------------|---------------------------|--------------------|---------------------------------|-------------------------|

**PART A: OBSTRUCTION DATA SEGMENTS**

**FEEDER**

**FROM**  
WERBU

**TO**  
YIGIX

| <u>RNP</u><br>1.00 | <u>DISTANCE</u><br>5.12 | <u>PAT</u>      | <u>MAP</u>  |             |           | <u>HAT</u> |            |           | <u>HMAS</u> |                    |                |
|--------------------|-------------------------|-----------------|-------------|-------------|-----------|------------|------------|-----------|-------------|--------------------|----------------|
| <u>OBSTRUCTION</u> | <u>COORDINATES</u>      | <u>ELEV MSL</u> | <u>HORZ</u> | <u>VERT</u> | <u>AC</u> | <u>ROC</u> | <u>OCS</u> | <u>CG</u> | <u>CGTA</u> | <u>ADJUSTMENTS</u> | <u>MIN ALT</u> |
| TOWER (18-001284)  | 410921.60N/0852816.27W  | 1246            | 250         | 50          | 4D        | 1000       |            |           |             | AT354              | 2600           |
| TERRAIN            | 411003.00N/0853215.00W  | 898 (900)       |             |             |           |            |            |           |             | AS1500             | 2400           |

**COMPUTATIONS**

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

**SEGMENT REMARKS:**

**INITIAL**

**FROM**  
YIGIX

**TO**  
WAXEV

| <u>RNP</u><br>1.00 | <u>DISTANCE</u><br>7.00 | <u>PAT</u>      | <u>MAP</u>  |             |           |            | <u>HAT</u> | <u>HMAS</u> |             |                    |                |
|--------------------|-------------------------|-----------------|-------------|-------------|-----------|------------|------------|-------------|-------------|--------------------|----------------|
| <u>OBSTRUCTION</u> | <u>COORDINATES</u>      | <u>ELEV MSL</u> | <u>HORZ</u> | <u>VERT</u> | <u>AC</u> | <u>ROC</u> | <u>OCS</u> | <u>CG</u>   | <u>CGTA</u> | <u>ADJUSTMENTS</u> | <u>MIN ALT</u> |
| TOWER (18-000724)  | 410625.00N/0852134.00W  | 1249            | 500         | 50          | 5D        | 1000       |            |             |             | AT351              | 2600           |
| TERRAIN            | 410357.00N/0852600.00W  | 895 (900)       |             |             |           |            |            |             |             | AS1500             | 2400           |

**COMPUTATIONS**

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

**SEGMENT REMARKS:**

QUALITY  
10  
CHECKED

INITIAL

FROM

YAVUS

TO

WAXEV

| <u>RNP</u>         | <u>DISTANCE</u>        | <u>PAT</u>      | <u>MAP</u>  |             |           | <u>HAT</u> | <u>HMAS</u> |           |             |                    |                |
|--------------------|------------------------|-----------------|-------------|-------------|-----------|------------|-------------|-----------|-------------|--------------------|----------------|
| 1.00               | 7.00                   |                 |             |             |           |            |             |           |             |                    |                |
| <u>OBSTRUCTION</u> | <u>COORDINATES</u>     | <u>ELEV MSL</u> | <u>HORZ</u> | <u>VERT</u> | <u>AC</u> | <u>ROC</u> | <u>OCS</u>  | <u>CG</u> | <u>CGTA</u> | <u>ADJUSTMENTS</u> | <u>MIN ALT</u> |
| TOWER (18-000005)  | 405947.00N/0852106.00W | 1172            | 250         | 50          | 4D        | 1000       |             |           |             | AT428              | 2600           |
| TERRAIN            | 405742.00N/0851827.00W | 889 (900)       |             |             |           |            |             |           |             | AS1500             | 2400           |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM

WAXEV (IF/IAF)

TO

OSHOB

| <u>RNP</u>         | <u>DISTANCE</u>        | <u>PAT</u>      | <u>MAP</u>  |             |           | <u>HAT</u> | <u>HMAS</u> |           |             |                    |                |
|--------------------|------------------------|-----------------|-------------|-------------|-----------|------------|-------------|-----------|-------------|--------------------|----------------|
| 1.00               | 6.00                   |                 |             |             |           |            |             |           |             |                    |                |
| <u>OBSTRUCTION</u> | <u>COORDINATES</u>     | <u>ELEV MSL</u> | <u>HORZ</u> | <u>VERT</u> | <u>AC</u> | <u>ROC</u> | <u>OCS</u>  | <u>CG</u> | <u>CGTA</u> | <u>ADJUSTMENTS</u> | <u>MIN ALT</u> |
| TOWER (18-000005)  | 405947.00N/0852106.00W | 1172            | 250         | 50          | 4D        | 500        |             |           |             |                    | 1700           |
| TERRAIN            | 410518.00N/0851542.00W | 879 (900)       |             |             |           |            |             |           |             | AS1500             | 2400           |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV

FROM

OSHOB

TO

RW05

| <u>RNP</u>         | <u>DISTANCE</u>        | <u>PAT</u>      | <u>MAP</u>  |             | <u>HAT</u> |            | <u>HMAS</u> |           |             |                    |                |
|--------------------|------------------------|-----------------|-------------|-------------|------------|------------|-------------|-----------|-------------|--------------------|----------------|
| 0.30               | 4.81                   |                 | RW05        |             | 1046       |            |             |           |             |                    |                |
| <u>OBSTRUCTION</u> | <u>COORDINATES</u>     | <u>ELEV MSL</u> | <u>HORZ</u> | <u>VERT</u> | <u>AC</u>  | <u>ROC</u> | <u>OCS</u>  | <u>CG</u> | <u>CGTA</u> | <u>ADJUSTMENTS</u> | <u>MIN ALT</u> |
| TOWER (18-000639)  | 410633.40N/0851142.20W | 1627            | 50          | 20          | 2C         | 250        |             |           |             |                    | 1880           |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

HOLD-IN-LIEU OF PT

FROM

WAXEV

TO

P-5

| <u>RNP</u>         | <u>DISTANCE</u>        | <u>PAT</u>      | <u>MAP</u>  |             | <u>HAT</u> |            | <u>HMAS</u> |           |             |                    |                |
|--------------------|------------------------|-----------------|-------------|-------------|------------|------------|-------------|-----------|-------------|--------------------|----------------|
|                    |                        | P-5             |             |             |            |            |             |           |             |                    |                |
| <u>OBSTRUCTION</u> | <u>COORDINATES</u>     | <u>ELEV MSL</u> | <u>HORZ</u> | <u>VERT</u> | <u>AC</u>  | <u>ROC</u> | <u>OCS</u>  | <u>CG</u> | <u>CGTA</u> | <u>ADJUSTMENTS</u> | <u>MIN ALT</u> |
| TOWER (18-000724)  | 410625.00N/0852134.00W | 1249            | 500         | 50          | 5D         | 1000       |             |           |             | AT351              | 2600           |
| TERRAIN            | 410324.00N/0852606.00W | 898 (900)       |             |             |            |            |             |           |             | AS1500             | 2400           |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSSED APPROACH: LNAV

FROM

RW05

TO

WERBU

| <u>RNP</u><br>0.30-1.00 | <u>DISTANCE</u>        | <u>PAT</u>      | <u>MAP</u>  |             |           | <u>HAT</u> | <u>HMAS</u><br>1780 |           |             |                    |                |
|-------------------------|------------------------|-----------------|-------------|-------------|-----------|------------|---------------------|-----------|-------------|--------------------|----------------|
| <u>OBSTRUCTION</u>      | <u>COORDINATES</u>     | <u>ELEV MSL</u> | <u>HORZ</u> | <u>VERT</u> | <u>AC</u> | <u>ROC</u> | <u>OCS</u>          | <u>CG</u> | <u>CGTA</u> | <u>ADJUSTMENTS</u> | <u>MIN ALT</u> |
|                         |                        |                 |             |             |           |            | ASC                 |           |             |                    | 2700           |
| TOWER (18-000079)       | 411003.27N/0852940.42W | 1208            | 20          | 3           | 1A        | 1000       |                     |           |             |                    | 2300           |
| TERRAIN                 | 411303.00N/0853000.00W | 958 (1000)      |             |             |           |            |                     |           |             | AS1500             | 2500           |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☐ CAT D

☐ CAT E

☐ NOT AUTHORIZED

| OBSTRUCTION       | COORDINATES            | RADIUS | HAA  | ELEV MSL | HORZ | VERT | AC | ROC | OCS | ADJUSTMENTS | MIN ALT |
|-------------------|------------------------|--------|------|----------|------|------|----|-----|-----|-------------|---------|
| CATEGORY A        |                        |        |      |          |      |      |    |     |     |             |         |
| TOWER (18-000830) | 410719.00N/0850950.00W | 1.30   | 1044 | 1050     | 500  | 50   | 5D | 300 |     | SI/AC50     | 1880    |
| CATEGORY B        |                        |        |      |          |      |      |    |     |     |             |         |
| AAO               | 410918.00N/0851139.00W | 1.84   | 1044 | 1083     | 215  | 8    | 4B | 300 |     | SI          | 1880    |
| CATEGORY C        |                        |        |      |          |      |      |    |     |     |             |         |
| TOWER (18-000639) | 410633.40N/0851142.20W | 2.89   | 1104 | 1627     | 50   | 20   | 2C | 300 |     |             | 1940    |

CIRCLING REMARKS:

MSA

CENTER

RW05

RADIUS

25

| SECTOR  | OBSTRUCTION       | COORDINATES            | BEARING | DISTANCE | ELEV MSL | HORZ | VERT | AC | ROC  | OCS | ADJUSTMENTS | MIN ALT |
|---------|-------------------|------------------------|---------|----------|----------|------|------|----|------|-----|-------------|---------|
| 360-360 | TOWER (18-000045) | 410539.00N/0851049.00W | 206     | 3.0      | 1648     | 250  | 50   | 4D | 1000 |     |             | 2700    |

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

VEGETATION 70 FEET USED PER FPT.

QUALITY  
TO  
CHECKED

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

FWA APP CON, ZHU ARTCC

|                           |                 |                      |                         |                 |              |                    |
|---------------------------|-----------------|----------------------|-------------------------|-----------------|--------------|--------------------|
| <u>WX SERVICE</u>         | <u>LOCATION</u> | <u>HRS OPERATION</u> | <u>ALTIMETER SOURCE</u> | <u>DISTANCE</u> | <u>WMSCR</u> | <u>ADJUSTMENTS</u> |
| AWOS-3                    | SMD             | 0                    | SMD                     | 0               | N            | 0                  |
| <u>BACK-UP WX SERVICE</u> | <u>LOCATION</u> | <u>HRS OPERATION</u> | <u>ALTIMETER SOURCE</u> | <u>DISTANCE</u> | <u>WMSCR</u> | <u>ADJUSTMENTS</u> |
| ASOS                      | FWA             | 24                   | FWA                     | 10.08           | Y            | 27                 |

WX REMARKS:

RASS PRESSURE PATTERNS SAME.  
KSMD 836, KFWA 815  
RA=26.2

|                                            |                        |                      |                            |
|--------------------------------------------|------------------------|----------------------|----------------------------|
| <u>PRIMARY NAVAID</u>                      | <u>MONITOR POINT</u>   | <u>HRS OPERATION</u> | <u>CAT</u>                 |
|                                            |                        |                      |                            |
| <u>APPROACH AND RUNWAY LIGHTING SYSTEM</u> | <u>RUNWAY MARKINGS</u> |                      | <u>RUNWAY VISUAL RANGE</u> |
| RW05 - MIRL (PCL), PAPI-2L (PCL)           | NPI-G                  |                      |                            |
| RW13 - MIRL (PCL)                          | NPI-G                  |                      |                            |
| RW23 - MIRL (PCL), PAPI-2L                 | NPI-G                  |                      |                            |
| RW31 - MIRL (PCL)                          | NPI-G                  |                      |                            |

|                         |                           |            |                        |                          |                   |            |
|-------------------------|---------------------------|------------|------------------------|--------------------------|-------------------|------------|
| <u>GLIDESLOPE ANGLE</u> | <u>ELEV RWY THRESHOLD</u> | <u>TCH</u> | <u>ELEV GS ANTENNA</u> | <u>DISTANCE FROM RWY</u> | <u>VGSI ANGLE</u> | <u>TCH</u> |
|                         |                           |            |                        |                          | 4.00              | 43.4       |

FINAL APPROACH COURSE AIMING

|                  |                                     |                    |                              |     |
|------------------|-------------------------------------|--------------------|------------------------------|-----|
| RUNWAY THRESHOLD | <input checked="" type="checkbox"/> | FT FROM THRESHOLD  | DISPLACED THRESHOLD DISTANCE | 201 |
| ON CENTERLINE    | <input checked="" type="checkbox"/> | FT FROM CENTERLINE |                              |     |

CRITICAL TEMPERATURES

|                     |                      |            |                |
|---------------------|----------------------|------------|----------------|
| <u>CRITICAL LOW</u> | <u>CRITICAL HIGH</u> | <u>ACT</u> | <u>APT ISA</u> |
|                     |                      |            |                |

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

|                                                       |                    |                                                        |  |
|-------------------------------------------------------|--------------------|--------------------------------------------------------|--|
| FINAL TYPE                                            | CIRCLING KSMD:RW13 |                                                        |  |
| 20:1                                                  |                    |                                                        |  |
| 904 TREE (18-022111) 410848.8600N/0850939.6900W (5.8) |                    | 902 TREE (18-022112) 410848.8400N/0850940.0500W (2.78) |  |
| FINAL TYPE                                            | CIRCLING KSMD:RW23 |                                                        |  |
| 20:1                                                  |                    |                                                        |  |

QUALITY  
10  
CHECKED



| <u>AIRPORT ID</u><br>SMD                                                                             |                    | <u>PROCEDURE NAME</u><br>RNAV (GPS) RWY 5 | <u>AMDT NO.</u><br>1 | <u>CITY</u><br>FORT WAYNE                                  | <u>STATE</u><br>IN | <u>AIRPORT ELEVATION</u><br>836 | <u>FACILITY</u><br>RNAV |
|------------------------------------------------------------------------------------------------------|--------------------|-------------------------------------------|----------------------|------------------------------------------------------------|--------------------|---------------------------------|-------------------------|
| 858 BUILDING (18-022080) 410850.8100N/0850851.3500W (14.44)                                          |                    |                                           |                      |                                                            |                    |                                 |                         |
| FINAL TYPE                                                                                           | CIRCLING KSMD:RW31 |                                           |                      |                                                            |                    |                                 |                         |
| 20:1                                                                                                 |                    |                                           |                      |                                                            |                    |                                 |                         |
| 846 BUILDING (18-022201) 410822.5900N/0850853.7800W (10)                                             |                    |                                           |                      | 850 BUILDING (18-022203) 410822.4500N/0850852.0900W (8.48) |                    |                                 |                         |
| 845 BUILDING (18-022202) 410822.4700N/0850852.8300W (5.77)                                           |                    |                                           |                      |                                                            |                    |                                 |                         |
| FINAL TYPE                                                                                           | NPA                |                                           |                      |                                                            |                    |                                 |                         |
| 34:1                                                                                                 |                    |                                           |                      |                                                            |                    |                                 |                         |
| 898 TREE (18-022295) 410816.8700N/0850939.6000W (25.48)                                              |                    |                                           |                      | 881 TREE (18-022223) 410822.1000N/0850939.7000W (18.17)    |                    |                                 |                         |
| 874 TREE (18-022215) 410822.3700N/0850940.2800W (10.66)                                              |                    |                                           |                      | 872 TREE (18-022222) 410822.1100N/0850939.2100W (10.04)    |                    |                                 |                         |
| 851 POLE (18-022187) 410822.6900N/0850928.4000W (8.96)                                               |                    |                                           |                      | 857 POLE (18-022197) 410822.6300N/0850932.7700W (7.23)     |                    |                                 |                         |
| 852 POLE (18-022188) 410822.6600N/0850930.4700W (6.3)                                                |                    |                                           |                      | 940 TOWER (18-025582) 410804.5500N/0851001.4800W (6.15)    |                    |                                 |                         |
| 867 TREE (18-022240) 410821.7700N/0850939.0300W (4.71)                                               |                    |                                           |                      |                                                            |                    |                                 |                         |
| <u>PENETRATIONS REMARKS:</u>                                                                         |                    |                                           |                      |                                                            |                    |                                 |                         |
| RW23 20:1 858 BUILDING (18-022080) 410850.8100N/0850851.3500W (14.44) IS LIT. NO NIGHT RESTRICTIONS. |                    |                                           |                      |                                                            |                    |                                 |                         |

**HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS**

and/or

**5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS**

|                                     |
|-------------------------------------|
| <b><u>PENETRATIONS REMARKS:</u></b> |
|                                     |

**PART C: GENERAL REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

RUNWAY MARKINGS NOT INSTRUMENT QUALITY ALL VISIBILITY GREATER THAN OR EQUAL TO 1 MILE.  
DESIGN GS/TCH 3.00/40.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

|                 |       |                                 |        |
|-----------------|-------|---------------------------------|--------|
| DISTANCE FROM   | THLD  | TO 1000FT POINT                 | 3.14   |
| WIDTH OF        | FINAL | SEGMENT AT 1000FT POINT         | 1.20   |
| TRUE COURSE OF  | FINAL | SEGMENT CONTAINING 1000FT POINT | 050.66 |
| HIGH TERRAIN IN | FINAL | SEGMENT CONTAINING 1000FT POINT | 900    |
| DISTANCE FROM   | THLD  | TO 1500FT POINT                 | 4.81   |
| WIDTH OF        | FINAL | SEGMENT AT 1500FT POINT         | 2.13   |
| TRUE COURSE OF  | FINAL | SEGMENT CONTAINING 1500FT POINT | 050.66 |
| HIGH TERRAIN IN | FINAL | SEGMENT CONTAINING 1500FT POINT | 900    |

|                                            |                            |
|--------------------------------------------|----------------------------|
| THRESHOLD COORDINATES (IF STR-IN)          | 410828.48N/0850923.63W     |
| ARP COORDINATES                            | 410836.10N/0850910.00W     |
| RUNWAY APCH END AND DIST FURTHEST FROM ARP | RUNWAY 23 DISTANCE 0.27 NM |
| FAF COORDINATES                            | 410525.58N/0851418.94W     |
| FIX NAME COORDINATES                       |                            |

REMARKS

THLD DISPLACED 201FT, ACTUAL COORDINATES: 410827.22N/0850925.67W

PART E: PREPARED BY

|               |          |            |                                     |
|---------------|----------|------------|-------------------------------------|
| NAME          | OFFICE   | DATE       | TITLE                               |
| DEVON KERCHER | AJV-A431 | 08/28/2024 | AERONAUTICAL INFORMATION SPECIALIST |

