

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
ILS STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.29**

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>GWB        | <u>PROCEDURE NAME</u><br>ILS OR LOC RWY 27 | <u>ORIGINAL/AMENDMENT</u><br>2         | <u>CITY</u><br>AUBURN                        | <u>STATE</u><br>IN         |                      |                           |
| <u>AIRPORT ELEVATION</u><br>881 | <u>TDZE</u><br>881                         | <u>SUPERSEDED</u><br>ILS OR LOC RWY 27 | <u>ORIGINAL/AMENDMENT</u><br>1D              | <u>DATED</u><br>04/27/2017 | <u>MAG VAR</u><br>5W | <u>EPOCH YEAR</u><br>2000 |
| <u>FACILITY</u><br>I-GWB        | <u>COORDINATES OF FACILITIES</u>           | <u>ACTUAL EFFECTIVE DATE</u>           | <u>REQUIRED EFFECTIVE DATE</u><br>10/31/2024 | <u>CANCEL/SUSPEND</u>      |                      |                           |

**TERMINAL ROUTES**

| FROM                      | FIX TYPE | TO                           | FIX TYPE | LEG TYPE | FO/FB | RNP | COURSE | DISTANCE     | ALTITUDE |
|---------------------------|----------|------------------------------|----------|----------|-------|-----|--------|--------------|----------|
| FWA VORTAC                |          | CECGA INT/I-GWB 12.00 DME    |          |          |       |     | 046.63 | 26.13        | 2600     |
| CECGA INT/I-GWB 12.00 DME | IF/IAF   | SHENK LOM/INT/I-GWB 6.01 DME |          |          |       |     | 274.33 | 5.99 (I-GWB) | 2600     |

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: 4.80 NM AFTER SHENK LOM/INT/I-GWB 6.01 DME OR AT I-GWB 1.21 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 2600 DIRECT SHENK LOM/INT/I-GWB 6.01 DME AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):**

CLIMB TO 1400 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 080 AND FWA VORTAC R-022 TO TAZCE/FWA 26.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000 (DME REQUIRED).

**PROFILE:**

|                                                                                                  |                                   |                       |                        |             |         |
|--------------------------------------------------------------------------------------------------|-----------------------------------|-----------------------|------------------------|-------------|---------|
| 1. PT                                                                                            | SIDE OF COURSE                    | OUTBOUND              | FT WITHIN              | MILES OF    | (IAF)   |
| 2. HOLD E CECGA INT/I-GWB 12.00 DME, RT, 274.33 INBOUND, 2600 FT. IN LIEU OF PT (IAF), MAX 5000. |                                   |                       |                        |             |         |
| 3. FAC: 274.33                                                                                   | FAF: SHENK LOM/INT/I-GWB 6.01 DME | DIST FAF TO MAP: 4.80 | DIST FAF TO THLD: 4.80 |             |         |
| 4. MIN ALT: CECGA INT/I-GWB 12.00 DME 2600, SHENK LOM/INT/I-GWB 6.01 DME 2600                    |                                   |                       |                        |             |         |
| 5. DIST TO THLD FROM OM: 4.80                                                                    | MM:                               | IM:                   | 150 HAT:               | GS ANT: 862 |         |
| 6. MIN GS INCPT: 2600                                                                            | GS ALT AT PFAF:                   |                       |                        | OM: 2452    | MM: IM: |
| 7. GS ANGLE: 3.00                                                                                | 34:1:                             | 20:1:                 | TCH: 46.9              |             |         |
| 8. MSA FROM: SHENK LOM 2700                                                                      |                                   |                       |                        |             |         |



**NOTES:**

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON FWA VORTAC AIRWAY RADIALS 353 CW 097.

**ADDITIONAL FLIGHT DATA:**

HOLD E, RT, 274.33 INBOUND.  
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD N TAZCE/FWA 26.00 DME, RT, 202.21 INBOUND.  
FAS OBST: 1060 AAO 411857N/0845815W.  
CHART VDP AT 2.45 DME.  
DISTANCE VDP TO THLD 1.24 NM.  
CHART IN PLANVIEW: TAZCE/FWA 26.00 DME.  
CHART CIRCLING ICON.

**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 |
| S-ILS 27   | 1081   | 1/2 | 200     | 1081   | 1/2 | 200     | 1081   | 1/2   | 200     | 1081   | 1/2   | 200     |        |     |         |
| S-LOC 27   | 1320   | 1/2 | 439     | 1320   | 1/2 | 439     | 1320   | 3/4   | 439     | 1320   | 3/4   | 439     |        |     |         |
| CIRCLING   | 1320   | 1   | 439     | 1560   | 1   | 679     | 1720   | 2 1/2 | 839     | 1720   | 2 3/4 | 839     |        |     |         |



CHANGES - REASONS

1. AIRPORT ELEVATION/TDZE: UPDATED FROM "880/880" TO "881/881" – UPDATED PER PENDING AIRNAV DATA.
2. TERMINAL ROUTES: CECGA INT TO SHENK LOM INT COURSE UPDATED FROM "274.32" TO "274.33" – FAF MOVED TO MAINTAIN 3.00 GPA.
3. MISSED APPROACH: LOC MAP UPDATED FROM "5.02 NM AFTER SHENK LOM LOM/INT/I-GWB 6.01 DME OR AT I-GWB 0.99 DME" TO "4.80 NM AFTER SHENK LOM/INT/I-GWB 6.01 DME OR AT I-GWB 1.21 DME" – FAF MOVED TO MAINTAIN 3.00 GPA.
4. MISSED APPROACH INSTRUCTIONS: PRIMARY MISSED APPROACH INSTRUCTIONS UPDATED FROM "CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 3000 DIRECT OLK VOR AND HOLD" TO "CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 2600 DIRECT SHENK LOM/INT/I-GWB 6.01 DME AND HOLD" – MISSED APPROACH REDESIGN DUE TO OLK VOR MON.
5. PROFILE LINE 2: UPDATED FROM "HOLD E CECGA, RT, 274.32 INBOUND, 2600 FT. IN LIEU OF PT (IAF)" TO "HOLD E CECGA INT/I-GWB 12.00 DME, RT, 274.33 INBOUND, 2600 FT. IN LIEU OF PT (IAF), MAX 5000" – INBOUND RADIAL UPDATED TO MATCH NEW FINAL APPROACH COURSE AND IAW 8260.19J PARA 8-6-7 B.
6. PROFILE LINE 3: UPDATED FAC FROM "274.32" TO "274.33", FAF FROM "SHENK LOM/LOM/INT/I-GWB 6.01 DME" TO "SHENK LOM/INT/I-GWB 6.01 DME", AND DIST FAF TO MAP/DIST FAF TO THLD FROM "5.02/5.02" TO "4.80/4.80" – FAF MOVED TO MAINTAIN 3.00 GPA AND CORRECTED FAF DESIGNATION IAW 8260.19J PARA 8-2-6 C.
7. PROFILE LINE 4: UPDATED FROM "CECGA 2600, SHENK LOM 2600" TO "CECGA INT/I-GWB 12.00 DME 2600, SHENK LOM/INT/I-GWB 6.01 DME 2600" – CORRECTED IF AND FAF TO MATCH TERMINAL ROUTE DESIGNATION IAW 8260.19J PARA 8-2-6 C.
8. PROFILE LINE 5: UPDATED DIST TO THLD FROM OM FROM "5.02" TO "4.80" AND GS ANT FROM "2850" TO "862" – UPDATED PER PENDING AIRNAV DATA/DISPLACED RUNWAY THRESHOLD AND GS ANT PREVIOUSLY DOCUMENTED INCORRECTLY.
9. PROFILE LINE 6: ADDED "GP INTCP" TO GS ALT AT PFAF AND UPDATED OM FROM "2546" TO "2452" – FORM UPDATE IAW 8260.19J PARA 8-6-7 F AND NEW DESIGN TCH.
10. PROFILE LINE 7: UPDATED TCH FROM "45.6" TO "46.9" – NEW DESIGN TCH.
11. PROFILE LINE 8: UPDATED FROM "GW LOM 2700" TO "SHENK LOM 2700" – FORM UPDATE IAW 8260.19J 8-6-7.
12. UPDATED CHART NOTE FROM "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON FWA VORTAC AIRWAY RADIALS 022 CW 097" TO "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON FWA VORTAC AIRWAY RADIALS 353 CW 097" – VERBIAGE CORRECTED IAW 8260.19J PARA 8-2-5 E AND NEW AIRWAY RADIALS IDENTIFIED.
13. ADDITIONAL FLIGHT DATA: UPDATED PRIMARY MISSED HOLDING FROM "HOLD E, RT, 279.00 INBOUND" TO "HOLD E, RT, 274.33 INBOUND" – NEW PRIMARY MISSED APPROACH DUE TO OLK VOR MON.
14. ADDITIONAL FLIGHT DATA: UPDATED FAS OBST FROM "1067 AAO 411854N/0845857W" TO "1060 AAO 411857N/0845815W" – NEW CONTROLLING OBSTACLE.
15. ADDITIONAL FLIGHT DATA: UPDATED VDP NOTE FROM "CHART VDP AT 2.23 DME\*" TO "CHART VDP AT 2.45 DME" AND DELETED ASTERISK AND LOC ONLY NOTE – FAF MOVED TO MAINTAIN 3.00 GPA AND LOC ONLY NOTE NO LONGER REQUIRED.
16. ADDITIONAL FLIGHT DATA: DELETED "CHART PLANVIEW NOTE: FWA VORTAC R-047 AND OLK VOR IDENTIFY R-086 SHOULD BE USED TO IDENTIFY CECGA INTERSECTION" – OLK REMOVED FROM FIX MAKEUP AT CECGA DUE TO VOR MON; NOTE NO LONGER APPLICABLE.
17. MINIMUMS: RAISED S-ILS 27 DA ALL CATS FROM "1080" TO "1081" – NEW TDZE.
18. MINIMUMS: LOWERED S-LOC HAT ALL CATS FROM "440" TO "439" – NEW TDZE.
19. MINIMUMS: LOWERED CIRCLING CAT A HAA FROM "440" TO "439", CAT B HAA FROM "680" TO "679" AND CATS C/D HAA FROM "840" TO "839" – NEW AIRPORT ELEVATION.

08/02/2024: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 03/26/2024.

1. REQUIRED EFFECTIVE DATE: CHANGED FROM ROUTINE TO 10/31/2024.

COORDINATED WITH:

A4A

ALPA

☒

AOPA

☒

APA

HAI

NBAA

☒

OTHER: ZAU, FWA APP CON, AMGR

FLIGHT CHECKED BY

PENDING

Digitally signed by  
**ROBERT G HAMILTON**  
Aug 05, 2024

OFFICE

DATE

DEVELOPED BY

ROBERT G HAMILTON (JILL M. SUPPES)

Digitally signed by  
**ROBERT G HAMILTON**  
Aug 05, 2024

OFFICE  
AJV-A433

DATE  
03/26/2024

APPROVED BY

ROBERT G HAMILTON

Digitally signed by  
**ROBERT G HAMILTON**  
Aug 05, 2024

OFFICE  
AJV-A433

DATE

TITLE  
MANAGER



# FEDERAL AVIATION ADMINISTRATION

## FLIGHT STANDARDS SERVICE

### STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

| <u>AIRPORT ID</u> | <u>PROCEDURE NAME</u> | <u>AMDT NO.</u> | <u>CITY</u> | <u>STATE</u> | <u>AIRPORT ELEVATION</u> | <u>FACILITY</u> |
|-------------------|-----------------------|-----------------|-------------|--------------|--------------------------|-----------------|
| GWB               | ILS OR LOC RWY 27     | 2               | AUBURN      | IN           | 881                      | I-GWB           |

#### PART A: OBSTRUCTION DATA SEGMENTS

##### FEEDER

**FROM** FWA VORTAC **TO** CECGA INT/I-GWB 12.00 DME

| <u>RNP</u> | <u>DISTANCE</u> | <u>PAT</u> | <u>MAP</u> | <u>HAT</u> | <u>HMAS</u> |
|------------|-----------------|------------|------------|------------|-------------|
|            | 26.13           |            |            |            |             |

| <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 (18-001938)  | 410126.00N/0850351.00W | 1246            | 500         | 50          | 5D        | 1000       |            |           |             | AT354              | 2600           |
| TERRAIN            | 410115.00N/0851145.00W | 964 (1000)      |             |             |           |            |            |           |             | AS1500             | 2500           |

#### COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

#### SEGMENT REMARKS:

##### INTERMEDIATE

**FROM** CECGA INT/I-GWB 12.00 DME (IF/IAF) **TO** SHENK LOM/INT/I-GWB 6.01 DME

| <u>RNP</u> | <u>DISTANCE</u> | <u>PAT</u> | <u>MAP</u> | <u>HAT</u> | <u>HMAS</u> |
|------------|-----------------|------------|------------|------------|-------------|
|            | 5.99            |            |            |            |             |

| <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 (18-000570)  | 412026.00N/0845352.00W | 1115            | 500         | 50          | 5D        | 500        |            |           |             | AT985              | 2600           |
| TERRAIN            | 412000.00N/0844903.00W | 875 (900)       |             |             |           |            |            |           |             | AS1500             | 2400           |

#### COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

#### SEGMENT REMARKS:



FINAL: ILS

FROM

GP INTCP

TO

RW27

| <u>RNP</u>         | <u>DISTANCE</u>    | <u>PAT</u>      | <u>MAP</u>  | <u>HAT</u>  | <u>HMAS</u> |            |            |           |             |                    |                |
|--------------------|--------------------|-----------------|-------------|-------------|-------------|------------|------------|-----------|-------------|--------------------|----------------|
|                    | 4.80               |                 | DA          | 200         |             |            |            |           |             |                    |                |
| <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        |           |             |                    | 1081           |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LOC

FROM

SHENK LOM/INT/I-GWB 6.01 DME

TO

4.80 NM AFTER SHENK LOM/INT/I-GWB 6.01 DME OR AT I-GWB 1.21 DME

| <u>RNP</u>         | <u>DISTANCE</u>        | <u>PAT</u>      | <u>MAP</u>                                                            | <u>HAT</u>  | <u>HMAS</u> |            |            |           |             |                    |                |
|--------------------|------------------------|-----------------|-----------------------------------------------------------------------|-------------|-------------|------------|------------|-----------|-------------|--------------------|----------------|
|                    | 4.80                   |                 | 4.80 NM AFTER SHENK<br>LOM/INT/I-GWB 6.01 DME<br>OR AT I-GWB 1.21 DME | 439         |             |            |            |           |             |                    |                |
| <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> |
| AAO                | 411857.00N/0845815.00W | 1060            | 215                                                                   | 8           | 4B          | 250        |            |           |             |                    | 1320           |

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

CECGA INT/I-GWB 12.00 DME

TO

P-5

| <u>RNP</u>         | <u>DISTANCE</u>        | <u>PAT</u><br>P-5 | <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 (39-003505)  | 411915.50N/0844311.80W | 1252              | 50          | 20          | 2C         | 1000       |            |           |             | AT348              | 2600           |
| TERRAIN            | 412227.00N/0844533.00W | 882 (900)         |             |             |            |            |            |           |             | AS1500             | 2400           |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: ILS

FROM

DA

TO

SHENK LOM/INT/I-GWB 6.01 DME

| <u>RNP</u>         | <u>DISTANCE</u>        | <u>PAT</u>      | <u>MAP</u>  |             |           |            | <u>HAT</u> | <u>HMAS</u><br>914 |             |                    |                |
|--------------------|------------------------|-----------------|-------------|-------------|-----------|------------|------------|--------------------|-------------|--------------------|----------------|
| <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        |                    |             |                    | 2600           |
| TOWER (18-001112)  | 412101.00N/0850429.00W | 1370            | 500         | 50          | 5D        | 1000       |            |                    |             |                    | 2400           |
| TERRAIN            | 412121.00N/0851318.00W | 961 (1000)      |             |             |           |            |            |                    |             | AS1500             | 2500           |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH: LOC

FROM

4.80 NM AFTER SHENK LOM/INT/I-GWB 6.01 DME OR AT I-GWB 1.21 DME

TO

SHENK LOM/INT/I-GWB 6.01 DME

| <u>RNP</u>         | <u>DISTANCE</u>        | <u>PAT</u>      | <u>MAP</u>  |             | <u>HAT</u> |            | <u>HMAS</u> |           |             |                    |                |
|--------------------|------------------------|-----------------|-------------|-------------|------------|------------|-------------|-----------|-------------|--------------------|----------------|
|                    |                        |                 |             |             |            |            | 1070        |           |             |                    |                |
| <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         |           |             |                    | 2600           |
| TOWER (18-001112)  | 412101.00N/0850429.00W | 1370            | 500         | 50          | 5D         | 1000       |             |           |             |                    | 2400           |
| TERRAIN            | 412121.00N/0851318.00W | 961 (1000)      |             |             |            |            |             |           |             | AS1500             | 2500           |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH ALTERNATE: ILS

FROM

DA

TO

TAZCE/FWA 26.00 DME

| <u>RNP</u>         | <u>DISTANCE</u>        | <u>PAT</u>      | <u>MAP</u>  |             | <u>HAT</u> |            | <u>HMAS</u><br>914 |           |             |                    |                |
|--------------------|------------------------|-----------------|-------------|-------------|------------|------------|--------------------|-----------|-------------|--------------------|----------------|
| <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                |           |             |                    | 3000           |
| TOWER (18-001112)  | 412101.00N/0850429.00W | 1370            | 500         | 50          | 5D         | 1000       |                    |           |             |                    | 2400           |
| TERRAIN            | 412451.00N/0850527.00W | 954 (1000)      |             |             |            |            |                    |           |             | AS1500             | 2500           |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSSED APPROACH ALTERNATE: LOC

FROM

4.80 NM AFTER SHENK LOM/INT/I-GWB 6.01 DME OR AT I-GWB 1.21 DME

TO

TAZCE/FWA 26.00 DME

| <u>RNP</u>         | <u>DISTANCE</u>        | <u>PAT</u>      | <u>MAP</u>  |             |           |            | <u>HAT</u> | <u>HMAS</u><br>1070 |             |                    |                |
|--------------------|------------------------|-----------------|-------------|-------------|-----------|------------|------------|---------------------|-------------|--------------------|----------------|
| <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        |                     |             |                    | 3000           |
| TOWER (18-001112)  | 412101.00N/0850429.00W | 1370            | 500         | 50          | 5D        | 1000       |            |                     |             |                    | 2400           |
| TERRAIN            | 412451.00N/0850527.00W | 954 (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                    |                        |        |     |          |      |      |    |     |     |             |         |
| TRANSMISSION_LINE (18-002621) | 411822.48N/0850119.88W | 1.30   | 439 | 1019     | 20   | 3    | 1A | 300 |     |             | 1320    |
| CATEGORY B                    |                        |        |     |          |      |      |    |     |     |             |         |
| TOWER (18-000300)             | 412001.00N/0850307.00W | 1.84   | 679 | 1192     | 250  | 50   | 4D | 300 |     | AC50        | 1560    |
| CATEGORY C                    |                        |        |     |          |      |      |    |     |     |             |         |
| TOWER (18-001112)             | 412101.00N/0850429.00W | 2.89   | 839 | 1370     | 500  | 50   | 5D | 300 |     | AC50        | 1720    |
| CATEGORY D                    |                        |        |     |          |      |      |    |     |     |             |         |
| TOWER (18-001112)             | 412101.00N/0850429.00W | 3.77   | 839 | 1370     | 500  | 50   | 5D | 300 |     | AC50        | 1720    |

CIRCLING REMARKS:

MSA

CENTER

SHENK LOM

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 | 225     | 16.7     | 1648     | 250  | 50   | 4D | 1000 |     |             | 2700    |

MSA REMARKS:



NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

FWA APP CON, ZAU ARTCC, HUF FSS

| <u>WX SERVICE</u>         | <u>LOCATION</u> | <u>HRS OPERATION</u> | <u>ALTIMETER SOURCE</u> | <u>DISTANCE</u> | <u>SERVICE-A</u> | <u>ADJUSTMENTS</u> |
|---------------------------|-----------------|----------------------|-------------------------|-----------------|------------------|--------------------|
| AWOS-3                    | GWB             | 24                   | GWB                     | 0               | Y                | 0                  |
| <u>BACK-UP WX SERVICE</u> | <u>LOCATION</u> | <u>HRS OPERATION</u> | <u>ALTIMETER SOURCE</u> | <u>DISTANCE</u> | <u>SERVICE-A</u> | <u>ADJUSTMENTS</u> |
| ASOS                      | FWA             | 24                   | FWA                     | 20.60           | Y                | 57                 |

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME  
KGWB 881, KFWA 815  
RA = 56.8.

| <u>PRIMARY NAVAID</u> | <u>MONITOR POINT</u> | <u>HRS OPERATION</u> | <u>CAT</u> |
|-----------------------|----------------------|----------------------|------------|
| I-GWB                 | KGWB ATCT            | TOWER OPEN           | 1          |
|                       |                      | TOWER CLOSED         | 3          |

| <u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>          | <u>RUNWAY MARKINGS</u> | <u>RUNWAY VISUAL RANGE</u> |
|-----------------------------------------------------|------------------------|----------------------------|
| RW09 - REIL (PCL), MIRL (PCL), PAPI-4L              | NPI-F                  |                            |
| RW27 - MALSR (PCL), MIRL (PCL), REIL (PCL), PAPI-4L | PIR-F                  |                            |

| <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> |
|-------------------------|---------------------------|------------|------------------------|--------------------------|-------------------|------------|
| 3.00                    | 876.6                     | 46.9       | 873.5                  | 862                      | 3.00              | 47.2       |

FINAL APPROACH COURSE AIMING

|                  |              |                    |                              |     |
|------------------|--------------|--------------------|------------------------------|-----|
| RUNWAY THRESHOLD | <div>X</div> | FT FROM THRESHOLD  | DISPLACED THRESHOLD DISTANCE | 750 |
| ON CENTERLINE    | <div>X</div> | 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



HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VEGETATION HEIGHT: 100 FT.

FOR CONTINGENCY PURPOSES:

1. WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FWA ALTIMETER SETTING AND INCREASE S-ILS 27 DA TO 1138 FEET AND ALL MDAS 60 FEET; INCREASE S-LOC 27 VISIBILITY CATS C/D 1/4 SM, AND CIRCLING VISIBILITY CATS C/D 1/4 SM.
2. FOR INOPERATIVE ALS WHEN USING FWA ALTIMETER SETTING, INCREASE S-LOC 27 VISIBILITY CATS C/D TO 1 3/8 SM.
3. VDP NA WHEN USING FWA ALTIMETER SETTING.
- 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                 | 3.07   |
| WIDTH OF        | FINAL | SEGMENT AT 1000FT POINT         | 0.88   |
| TRUE COURSE OF  | FINAL | SEGMENT CONTAINING 1000FT POINT | 269.33 |
| HIGH TERRAIN IN | FINAL | SEGMENT CONTAINING 1000FT POINT | 900    |
| DISTANCE FROM   | THLD  | TO 1500FT POINT                 | 4.64   |
| WIDTH OF        | FINAL | SEGMENT AT 1500FT POINT         | 1.22   |
| TRUE COURSE OF  | FINAL | SEGMENT CONTAINING 1500FT POINT | 269.33 |
| HIGH TERRAIN IN | FINAL | SEGMENT CONTAINING 1500FT POINT | 900    |

|                                            |                            |
|--------------------------------------------|----------------------------|
| THRESHOLD COORDINATES (IF STR-IN)          | 411826.24N/0850301.15W     |
| ARP COORDINATES                            | 411825.91N/0850337.86W     |
| RUNWAY APCH END AND DIST FURTHEST FROM ARP | RUNWAY 27 DISTANCE 0.58 NM |
| FAF COORDINATES                            | 411829.43N/0845639.11W     |
| FIX NAME COORDINATES                       |                            |

REMARKS

THLD DISPLACED 750FT, ACTUAL COORDINATES: 411826.32N/0850251.32W

PART E: PREPARED BY

|                                    |          |            |                                     |
|------------------------------------|----------|------------|-------------------------------------|
| NAME                               | OFFICE   | DATE       | TITLE                               |
| ROBERT G HAMILTON (JILL M. SUPPES) | AJV-A433 | 03/26/2024 | AERONAUTICAL INFORMATION SPECIALIST |

