

**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>        | <u>PROCEDURE NAME</u>            | <u>ORIGINAL/AMENDMENT</u>    | <u>CITY</u>                    | <u>STATE</u>          |                   |
|--------------------------|----------------------------------|------------------------------|--------------------------------|-----------------------|-------------------|
| SRC                      | RNAV (GPS) RWY 1                 | 2                            | SEARCY                         | AR                    |                   |
| <u>AIRPORT ELEVATION</u> | <u>TDZE</u>                      | <u>SUPERSEDED</u>            | <u>DATED</u>                   | <u>MAG VAR</u>        | <u>EPOCH YEAR</u> |
| 265                      | 253                              | RNAV (GPS) RWY 1             | 09/09/2021                     | 2E                    | 1995              |
| <u>FACILITY</u>          | <u>COORDINATES OF FACILITIES</u> | <u>ACTUAL EFFECTIVE DATE</u> | <u>REQUIRED EFFECTIVE DATE</u> | <u>CANCEL/SUSPEND</u> |                   |
| RNAV                     |                                  |                              | ROUTINE                        |                       |                   |

**TAA**

| <u>FROM</u>         | <u>FIX TYPE</u> | <u>TO</u> | <u>FIX TYPE</u> | <u>ALTITUDE</u> |
|---------------------|-----------------|-----------|-----------------|-----------------|
| 1. 281/30 CW 101/30 | NOPT            | HOGGA     | IF/IAF          | 2300            |
| 2. 101/30 CW 191/30 |                 | ZABIN     | IAF             | 2600            |
| 3. 191/30 CW 281/30 |                 | WEBTO     | IAF             | 2300            |

**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> |
|-----------------------|-----------------|-----------------------|-----------------|-----------------|--------------|------------|---------------|-----------------|-----------------|
| ZABIN                 | IAF             | HOGGA                 | NOPT            | TF              | FB           | 1.00       | 100.55        | 6.23            | 2300            |
| WEBTO                 | IAF             | HOGGA                 | NOPT            | TF              | FB           | 1.00       | 280.70        | 6.23            | 2300            |
| HOGGA                 | IF/IAF          | SETLE                 |                 | TF              | FB           | 1.00       | 010.63        | 5.96            | 1900            |
| SETLE                 | FAF             | YALTY/2.23 NM TO RW01 |                 | TF              | FB           | 0.30       | 010.63        | 2.83            |                 |
| YALTY/2.23 NM TO RW01 |                 | RW01                  | MAP             | TF              | FO           | 0.30       | 010.63        | 2.23            |                 |
| RW01                  | MAP             | 453 MSL               |                 | CA              |              |            | 010.63        |                 |                 |
| 453 MSL               |                 | BOLLU                 |                 | DF              | FO           | 1.00       |               |                 | 2900            |

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW01

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2900 DIRECT BOLLU AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2900.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

|    |                                                                            |                                                    |                 |            |                  |          |                   |      |          |      |         |  |  |     |  |
|----|----------------------------------------------------------------------------|----------------------------------------------------|-----------------|------------|------------------|----------|-------------------|------|----------|------|---------|--|--|-----|--|
| 1. | PT                                                                         | SIDE OF COURSE                                     | OUTBOUND        | FT WITHIN  | MILES OF         | (IAF)    |                   |      |          |      |         |  |  |     |  |
| 2. | HOLD S HOGGA, RT, 010.63 INBOUND, 2300 FT. IN LIEU OF PT (IAF), MAX 10000. |                                                    |                 |            |                  |          |                   |      |          |      |         |  |  |     |  |
| 3. | FAC:                                                                       | 010.63                                             | FAF:            | SETLE      | DIST FAF TO MAP: | 5.06     | DIST FAF TO THLD: | 5.06 |          |      |         |  |  |     |  |
| 4. | MIN ALT:                                                                   | HOGGA 2300, SETLE 1900, YALTY/2.23 NM TO RW01 1000 |                 |            |                  |          |                   |      |          |      |         |  |  |     |  |
| 5. | DIST TO THLD FROM OM:                                                      |                                                    | MM:             |            | IM:              |          | 150 HAT:          |      | 200 HAT: | 0.51 | GS ANT: |  |  |     |  |
| 6. | MIN GP INCPT:                                                              | 1900                                               | GP ALT AT PFAF: | SETLE 1900 |                  |          | OM:               |      |          |      | MM:     |  |  | IM: |  |
| 7. | GP ANGLE:                                                                  | 3.00                                               | 34:1:           | IS CLEAR   | 20:1:            | IS CLEAR | TCH:              | 53.7 |          |      |         |  |  |     |  |
| 8. | MSA FROM:                                                                  |                                                    |                 |            |                  |          |                   |      |          |      |         |  |  |     |  |

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.  
CHART NOTE: CIRLCING NA FOR CATS B AND C W OF RWY 1-19.  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 7/8 SM.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 190.68 INBOUND.  
CHART FAS OBST: 379 TREE 351233N/0914500W.  
CHART VDP AT 1.09 NM TO RW01.  
WAAS CHANNEL # 81824  
REFERENCE PATH ID: W01A  
LTP HAE: 44.5 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

| 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 |
| LPV DA       | 453    | 1/2 | 200     | 453    | 1/2 | 200     | 453    | 1/2   | 200     |        | NA  |         |        |     |         |
| LNAV/VNAV DA | 537    | 1/2 | 284     | 537    | 1/2 | 284     | 537    | 1/2   | 284     |        | NA  |         |        |     |         |
| LNAV MDA     | 640    | 1/2 | 387     | 640    | 1/2 | 387     | 640    | 5/8   | 387     |        | NA  |         |        |     |         |
| CIRCLING     | 760    | 1   | 495     | 760    | 1   | 495     | 780    | 1 1/2 | 515     |        | NA  |         |        |     |         |



**CHANGES - REASONS**

1. TERMINAL ROUTES, INITIAL SEGMENT FIX ZABIN TO FIX HOGGA CHANGED COURSE FROM 100.56 TO 100.55 AND INCREASED DISTANCE FROM 5.00 NM TO 6.23 NM. - FIX ZABIN MOVED 1.23 NM WEST DUE TO MIN SEGMENT LENGTH BASED ON SUM OF DTAS WITH NEW HISTORICAL WINDS (2019-2023).
2. TERMINAL ROUTES, INITIAL SEGMENT FIX WEBTO TO FIX HOGGA CHANGED COURSE FROM 280.68 TO 280.70 AND INCREASED DISTANCE FROM 5.00 NM TO 6.23 NM. - FIX WEBTO MOVED 1.23 NM EAST DUE TO MIN SEGMENT LENGTH BASED ON SUM OF DTAS WITH NEW HISTORICAL WINDS (2019-2023).
3. TERMINAL ROUTES, INTERMEDIATE SEGMENT FIX HOGGA TO FIX SETLE CHANGED COURSE FROM 010.62 TO 010.63 AND DECREASED DISTANCE FROM 6.04 NM TO 5.96 NM. – FIX SETLE MOVED 448.5 FT SOUTH TO ALIGN PFAF WITH ILS OR LOC RWY 1 AMDT 1 PFAF.
4. TERMINAL ROUTES, FINAL SEGMENT, ADDED FINAL STEPDOWN FIX YALTY/2.23 NM TO RW01 WITH UPDATED SEGMENT DISTANCES AND CHANGED FINAL COURSE FROM 010.64 TO 010.63. – FIX SETLE MOVED 448.5 FT SOUTH AND STEPDOWN FIX ADDED DUE TO NEW OBSTACLE EVALUATION AND NEW TERRAIN DATABASE.
5. TERMINAL ROUTES, MISSED APPROACH CLIMB-TO LEG, LOWERED CLIMB-TO ALTITUDE FROM 573 MSL TO 453 MSL. – LPV MINIMA LOWERED.
6. MISSED APPROACH, ADDED MAP, LNAV/VNAV: DA. – ESTABLISHED LNAV/VNAV MINIMUMS.
7. MISSED APPROACH INSTRUCTIONS, ADDED "CLIMB-IN HOLD TO 2900". – LPV MINIMUMS LOWERED AND AIRCRAFT MISSED APPROACH CLEARANCE LIMIT ALTITUDE IS 2879 FT.
8. PROFILE LINE 2, HOLDING COURSE CHANGED FROM 010.62 TO 010.63 AND ADDED MAX ALTITUDE 10000 TO HILPT. – FIX HOGGA TO FIX SETLE COURSE CHANGED AND MAX ALTITUDE REQUIRED IAW FAAO 8260.19J PARA 8-6-7.B.(2).
9. PROFILE LINE 3, FAC CHANGED FROM 010.64 TO 010.63, AND INCREASED DIST FAF TO MAP AND THLD FROM 4.98 NM TO 5.06 NM – FAF SETLE MOVED 448.5 FT SOUTH.
10. PROFILE LINE 4, ADDED YALTY/2.23 NM TO RW01 1000. – FINAL STEPDOWN FIX ADDED AS NAMED ATD FIX.
11. PROFILE LINE 5, ADDED "DISTANCE TO THLD FROM 200 HAT: 0.51" AND DELETED ADDITIONAL FLIGHT DATA "DISTANCE TO THLD FROM 320 HAT: 0.39 NM" – LPV MINIMUMS LOWERED AND DOCUMENTED IAW FAAO 8260.19J PARA 8-6-7.E.(3).
12. PROFILE LINE 6 AND LINE 7, UPDATED "GS" ABBREVIATION TO "GP". – DOCUMENTATION IAW FAAO 8260.19J PARA 8-6-7.F.(1) AND 8-6-7.G.(1).
13. PROFILE LINE 7, ADDED 20:1 IS CLEAR. – REQUIRED IAW FAAO 8260.19J PARA 8-6-7.G.(3)(A).
14. PBN EQUIPMENT REQUIREMENT NOTES, ADDED RNP APCH – GPS, AND DELETED NOTE: DME/DME RNP-0.3 NA. – UPDATED NAVSPEC/SENSOR IAW FAAO 8260.19J PARA 8-6-8.D.
15. NOTES, CHANGED ALL ALTIMETER SOURCE REFERENCES FROM AIRPORT NAME TO LOCATION ID. – LOCATION ID USED IAW FAAO 8260.19J PARA 8-6-10.E.
16. NOTES, ADDED CHART NOTE "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C OR ABOVE 54C". – LNAV/VNAV MINIMUMS ADDED TO PROCEDURE.
17. NOTES, MOVED SECONDARY ALTIMETER VDP NA CHART NOTE TO 8260-9 PART C GENERAL REMARKS AND ADDED BARO-VNAV NA. – DOCUMENTED IAW FAAO 8260.19J PARA 8-6-10.E.(8), 8-6-10.E.(9), AND 8-6-10.F.(3), AND ADDED LNAV/VNAV MINIMUMS TO PROCEDURE.
18. NOTES, INOPERATIVE ALS CHART, DELETED LPV VISIBILITY INCREASE AND ADDED LNAV/VNAV VISIBILITY INCREASE TO READ "FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 SM". – LOWERED LPV MINIMUMS, ESTABLISHED LNAV/VNAV MINIMUMS, AND UPDATED VISIBILITIES IAW FAAO 8260.3F SECTION 3-3 AND INOPERATIVE TABLE, AND DOCUMENTED IAW FAAO 8260.19J PARA 8-6-12.O.(3).
19. NOTES, MOVED SECONDARY ALTIMETER CHART NOTE TO 8260-9 PART C GENERAL REMARKS AND UPDATED BASED ON NEW MINIMUMS. – DOCUMENTED IAW FAAO 8260.19K PARA 8-6-2.N.(1)(A)2 AND PARA 8-6-10.F.(3); LOWERED LPV MINIMUMS, ESTABLISHED LNAV/VNAV MINIMUMS, UPDATED VISIBILITIES IAW FAAO 8260.3F SECTION 3-3.
20. NOTES, MOVED INOPERATIVE ALS CHART NOTE TO 8260-9 PART C GENERAL REMARKS, AND UPDATED BASED ON NEW MINIMUMS. - DOCUMENTED IAW FAAO 8260.19J PARA 8-6-12.O.(3) AND FAAO 8260.19J PARA 8-6-10.F.(3), LOWERED LPV MINIMUMS, ESTABLISHED LNAV/VNAV MINIMUMS, UPDATED VISIBILITIES IAW FAAO 8260.3F SECTION 3-3 AND INOPERATIVE TABLE.
21. ADDITIONAL FLIGHT DATA, FAS CONTROLLING OBSTACLE CHANGED FROM 369 TREE 351230N/0914454W TO 379 TREE 351233.00N/0914500.00W. – UPDATED OBSTACLE EVALUATION BASED ON FINAL SEGMENT REDESIGN AND NEW TERRAIN DATABASE.
22. ADDITIONAL FLIGHT DATA, VDP DISTANCE INCREASED FROM 1.03 MILES TO 1.09 MILES AND DELETED ASTERISK AFTER "RW01" AND DELETED ASSOCIATED CHART PLANVIEW NOTE "LNAV ONLY". – VDP INCREASED DUE TO MDA INCREASE, AND ASTERISK/LNAV ONLY RESTRICTION NO LONGER REQUIRED IAW FAAO 8260.19J.
23. MINIMUMS, LOWERED LPV FROM DA 573/HAT 320 TO DA 453/HAT 200. – UPDATED OBSTACLE EVALUATION; OBSTACLE ACCURACY ONLY APPLIED IF OBSTACLE PENETRATES THE OCS TO BECOME THE APV FINAL SEGMENT CONTROLLING OBSTACLE IAW FAAO 8260.19J PARA 2-11-5.C.(3)(A).
24. MINIMUMS, ESTABLISHED LNAV/VNAV MINIMUMS. – PROCEDURE REDESIGN.
25. MINIMUMS, INCREASED LNAV FROM MDA 620/HAT 367 TO MDA 680/HAT 427, AND INCREASED VISIBILITY CAT C FROM 5/8 SM TO 3/4 SM. – NEW FAS OBSTACLE, CANNOT ACHIEVE 60 FT MDA REDUCTION WITH A STEPDOWN FIX, AND UPDATED VISIBILITY IAW FAAO 8260.3F SECTION 3-3.
26. CRC REMAINDER CHANGED FROM 062AE3B4 TO FCEBE99B AND FPAP LAT/LONG CHANGED FROM TO 351336.2700N/0914359.2400W TO 351336.2720N/0914359.2580W. – PFAF MOVED 448.5 FT SOUTH.



COORDINATED WITH:

A4A

☐

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER: ZME, LIT APP CON, AMGR.

FLIGHT CHECKED BY

COLTON CROWDER

Digitally signed by

CASIMIR L TABAKA

Jul 17, 2025

OFFICE

AJF

DATE

07/10/2025

DEVELOPED BY

MICHAEL MCCARTNEY

Digitally signed by

MICHAEL A MCCARTNEY

Apr 02, 2025

Digitally signed by

CASIMIR L TABAKA

OFFICE

AJV-A431

DATE

02/07/2025

APPROVED BY

ERIC N SUSKI

Jul 17, 2025

OFFICE

AJV-A431

DATE

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

| DATA FIELD                               | DATA          |
|------------------------------------------|---------------|
| OPERATION TYPE                           | 0             |
| SBAS SERVICE PROVIDER IDENTIFIER         | 0             |
| AIRPORT IDENTIFIER                       | KSRC          |
| RUNWAY                                   | RW01          |
| APPROACH PERFORMANCE DESIGNATOR          | 0             |
| ROUTE INDICATOR                          |               |
| REFERENCE PATH DATA SELECTOR             | 0             |
| REFERENCE PATH IDENTIFIER (APPROACH ID)  | W01A          |
| LTP/FTP LATITUDE                         | 351209.1950N  |
| LTP/FTP LONGITUDE                        | 0914423.0575W |
| LTP/FTP ELLIPSOIDAL HEIGHT               | +00445        |
| FPAP LATITUDE                            | 351336.2720N  |
| FPAP LONGITUDE                           | 0914359.2580W |
| THRESHOLD CROSSING HEIGHT (TCH)          | 00053.7       |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F             |
| GLIDEPATH ANGLE (GPA)                    | 03.00         |
| COURSE WIDTH AT THRESHOLD                | 106.75        |
| LENGTH OFFSET                            | 0920          |
| HORIZONTAL ALERT LIMIT (HAL)             | 40.0          |
| VERTICAL ALERT LIMIT (VAL)               | 35.0          |
| CRC REMAINDER                            | FCEBE99B      |

ADDITIONAL PATH POINT RECORD INFORMATION

|                         |        |
|-------------------------|--------|
| ICAO CODE               | K4     |
| LTP ORTHOMETRIC HEIGHT  | +00717 |
| FPAP ORTHOMETRIC HEIGHT | +00717 |



**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> |
|-------------------|-----------------------|-----------------|-------------|--------------|--------------------------|-----------------|
| SRC               | RNAV (GPS) RWY 1      | 2               | SEARCY      | AR           | 265                      | RNAV            |

**PART A: OBSTRUCTION DATA SEGMENTS**

**STRAIGHT-IN AREA**

**FROM** 281/30 CW 101/30 **TO** HOGGA

RNP DISTANCE PAT MAP HAT HMAS

| <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                | 350015.00N/0921812.00W | 965             | 215         | 8           | 4B        | 1000       |            |           |             |                    | 2000           |
| TERRAIN            | 350015.00N/0921812.00W | 764 (800)       |             |             |           |            |            |           |             | AS1500             | 2300           |

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**LEFT BASE AREA**

**FROM** 101/30 CW 191/30 **TO** ZABIN

RNP DISTANCE PAT MAP HAT HMAS

| <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 (05-002203)  | 353009.82N/0921145.25W | 1333            | 20          | 3           | 1A        | 1000       |            |           |             |                    | 2400           |
| TERRAIN            | 352751.00N/0921139.00W | 1085 (1100)     |             |             |           |            |            |           |             | AS1500             | 2600           |

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



RIGHT BASE AREA

FROM

191/30 CW 281/30

TO

WEBTO

| <u>RNP</u>         | <u>DISTANCE</u>        | <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 (05-002151)  | 352914.38N/0913703.33W | 1032            | 250         | 50          | 4D        | 1000       |            |             |             | AT268              | 2300           |
| TERRAIN            | 352312.00N/0913139.00W | 738 (700)       |             |             |           |            |            |             |             | AS1500             | 2200           |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

ZABIN

TO

HOGGA

| <u>RNP</u>         | <u>DISTANCE</u>        | <u>PAT</u>      | <u>MAP</u>  |             |           | <u>HAT</u> |            |           | <u>HMAS</u> |                    |                |
|--------------------|------------------------|-----------------|-------------|-------------|-----------|------------|------------|-----------|-------------|--------------------|----------------|
| 1.00               | 6.23                   |                 |             |             |           |            |            |           |             |                    |                |
| <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 (05-001841)  | 350352.10N/0915526.05W | 489             | 50          | 20          | 2C        | 1000       |            |           |             | AT811              | 2300           |
| TERRAIN            | 350424.00N/0915415.00W | 259 (300)       |             |             |           |            |            |           |             | AS1500             | 1800           |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

A TAILWIND OVERRIDE OF 45.85 KTS WAS USED FOR ZABIN AND A TAILWIND OVERRIDE OF 45.71 KTS WAS USED FOR HOGGA.



INITIAL

FROM

WEBTO

TO

HOGGA

| <u>RNP</u> | <u>DISTANCE</u> | <u>PAT</u> | <u>MAP</u> | <u>HAT</u> | <u>HMAS</u> |
|------------|-----------------|------------|------------|------------|-------------|
| 1.00       | 6.23            |            |            |            |             |

| <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 (05-001543)  | 350008.00N/0914441.00W | 933             | 500         | 50          | 5D        | 1000       |            |           |             | AT367              | 2300           |
| TERRAIN            | 345915.00N/0914609.00W | 262 (300)       |             |             |           |            |            |           |             | AS1500             | 1800           |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

A TAILWIND OVERRIDE OF 45.79 KTS WAS USED FOR WEBTO AND A TAILWIND OVERRIDE OF 45.71 KTS WAS USED FOR HOGGA.

INTERMEDIATE

FROM

HOGGA (IF/IAF)

TO

SETLE

| <u>RNP</u> | <u>DISTANCE</u> | <u>PAT</u> | <u>MAP</u> | <u>HAT</u> | <u>HMAS</u> |
|------------|-----------------|------------|------------|------------|-------------|
| 1.00       | 5.96            |            |            |            |             |

| <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 (05-001543)  | 350008.00N/0914441.00W | 933             | 500         | 50          | 5D        | 500        |            |           |             | SA-153 AT620       | 1900           |
| TERRAIN            | 350130.00N/0914518.00W | 252 (300)       |             |             |           |            |            |           |             | AS1500             | 1800           |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LPV

FROM

SETLE

TO

RW01

|                    |                         |                 |                  |                   |             |            |            |           |             |                    |                |
|--------------------|-------------------------|-----------------|------------------|-------------------|-------------|------------|------------|-----------|-------------|--------------------|----------------|
| <u>RNP</u><br>0.30 | <u>DISTANCE</u><br>5.06 | <u>PAT</u>      | <u>MAP</u><br>DA | <u>HAT</u><br>200 | <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> |
|                    |                         |                 |                  |                   |             |            | ASC        |           |             |                    | 453            |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM

SETLE

TO

RW01

|                                          |                                               |                                |                                        |                                         |                            |                           |                           |                          |                            |                                   |                               |
|------------------------------------------|-----------------------------------------------|--------------------------------|----------------------------------------|-----------------------------------------|----------------------------|---------------------------|---------------------------|--------------------------|----------------------------|-----------------------------------|-------------------------------|
| <div><div>RNP</div><div>0.30</div></div> | <div><div>DISTANCE</div><div>5.06</div></div> | <div><div>PAT</div></div>      | <div><div>MAP</div><div>DA</div></div> | <div><div>HAT</div><div>284</div></div> | <div><div>HMAS</div></div> |                           |                           |                          |                            |                                   |                               |
| <div><div>OBSTRUCTION</div></div>        | <div><div>COORDINATES</div></div>             | <div><div>ELEV MSL</div></div> | <div><div>HORZ</div></div>             | <div><div>VERT</div></div>              | <div><div>AC</div></div>   | <div><div>ROC</div></div> | <div><div>OCS</div></div> | <div><div>CG</div></div> | <div><div>CGTA</div></div> | <div><div>ADJUSTMENTS</div></div> | <div><div>MIN ALT</div></div> |
| TREE                                     | 351233.00N/0914500.00W                        | 379                            | 215                                    | 8                                       | 4B                         | 150                       |                           |                          |                            | AC8                               | 537                           |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

SETLE

TO

YALTY/2.23 NM TO RW01

|                                                 |                                                      |                                       |                                   |                                   |                                 |                                  |                                  |                                 |                                   |                                          |                                      |
|-------------------------------------------------|------------------------------------------------------|---------------------------------------|-----------------------------------|-----------------------------------|---------------------------------|----------------------------------|----------------------------------|---------------------------------|-----------------------------------|------------------------------------------|--------------------------------------|
| <div><div><u>RNP</u></div><div>0.30</div></div> | <div><div><u>DISTANCE</u></div><div>2.83</div></div> | <div><div><u>PAT</u></div></div>      | <div><div><u>MAP</u></div></div>  |                                   |                                 |                                  | <div><div><u>HAT</u></div></div> |                                 |                                   | <div><div><u>HMAS</u></div></div>        |                                      |
| <div><div><u>OBSTRUCTION</u></div></div>        | <div><div><u>COORDINATES</u></div></div>             | <div><div><u>ELEV MSL</u></div></div> | <div><div><u>HORZ</u></div></div> | <div><div><u>VERT</u></div></div> | <div><div><u>AC</u></div></div> | <div><div><u>ROC</u></div></div> | <div><div><u>OCS</u></div></div> | <div><div><u>CG</u></div></div> | <div><div><u>CGTA</u></div></div> | <div><div><u>ADJUSTMENTS</u></div></div> | <div><div><u>MIN ALT</u></div></div> |
| TREE                                            | 350833.00N/0914521.00W                               | 424                                   | 215                               | 8                                 | 4B                              | 250                              |                                  |                                 |                                   | RA100 DG226                              | 1000                                 |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:





FINAL: LNAV STEPDOWN

FROM

YALTY/2.23 NM TO RW01

TO

RW01

| <u>RNP</u>         | <u>DISTANCE</u>        | <u>PAT</u>      | <u>MAP</u>  |             |           |            | <u>HAT</u> | <u>HMAS</u> |             |                    |                |
|--------------------|------------------------|-----------------|-------------|-------------|-----------|------------|------------|-------------|-------------|--------------------|----------------|
| 0.30               | 2.23                   |                 | RW01        |             |           |            | 387        |             |             |                    |                |
| <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> |
| TREE               | 351233.00N/0914500.00W | 379             | 215         | 8           | 4B        | 250        |            |             |             |                    | 640            |

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

HOGGA

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 (05-001543)  | 350008.00N/0914441.00W | 933               | 500         | 50          | 5D        | 1000       |            |             |             | AT367              | 2300           |
| TERRAIN            | 345842.00N/0915236.00W | 311 (300)         |             |             |           |            |            |             |             | AS1500             | 1800           |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH: LPV

FROM

DA

TO

BOLLU

| <u>RNP</u><br>0.30-1.00 | <u>DISTANCE</u>        | <u>PAT</u>      | <u>MAP</u>  |             |           | <u>HAT</u> | <u>HMAS</u><br>278 |           |             |                    |                |
|-------------------------|------------------------|-----------------|-------------|-------------|-----------|------------|--------------------|-----------|-------------|--------------------|----------------|
| <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                |           |             |                    | 2900           |
| TOWER (05-001057)       | 351729.08N/0914035.53W | 849             | 20          | 3           | 1A        | 1000       |                    |           |             | SA-37              | 1900           |
| TERRAIN                 | 352215.00N/0913954.00W | 547 (500)       |             |             |           |            |                    |           |             | AS1500             | 2000           |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV/VNAV

FROM

DA

TO

BOLLU

| <u>RNP</u>         | <u>DISTANCE</u>        | <u>PAT</u>      | <u>MAP</u>  |             |           |            | <u>HAT</u> | <u>HMAS</u> |             |                    |                |
|--------------------|------------------------|-----------------|-------------|-------------|-----------|------------|------------|-------------|-------------|--------------------|----------------|
| 0.30-1.00          |                        |                 |             |             |           |            |            |             |             | 387                |                |
| <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        |             |             |                    | 2900           |
| TOWER (05-001057)  | 351729.08N/0914035.53W | 849             | 20          | 3           | 1A        | 1000       |            |             |             | SA-37              | 1900           |
| TERRAIN            | 352215.00N/0913954.00W | 547 (500)       |             |             |           |            |            |             |             | AS1500             | 2000           |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH: LNAV

FROM

RW01

TO

BOLLU

| <u>RNP</u>         | <u>DISTANCE</u>        | <u>PAT</u>      | <u>MAP</u>  |             |           |            | <u>HAT</u> | <u>HMAS</u> |             |                    |                |
|--------------------|------------------------|-----------------|-------------|-------------|-----------|------------|------------|-------------|-------------|--------------------|----------------|
| 0.30               |                        |                 |             |             |           |            |            |             |             | 540                |                |
| <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        |             |             |                    | 2900           |
| TOWER (05-001057)  | 351729.08N/0914035.53W | 849             | 20          | 3           | 1A        | 1000       |            |             |             | SA-37              | 1900           |
| TERRAIN            | 352215.00N/0913954.00W | 547 (500)       |             |             |           |            |            |             |             | AS1500             | 2000           |

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        |                        |        |     |          |      |      |    |     |     |             |         |
| TREE              | 351357.00N/0914518.00W | 1.30   | 495 | 458      | 215  | 8    | 4B | 300 |     |             | 760     |
| CATEGORY B        |                        |        |     |          |      |      |    |     |     |             |         |
| TOWER (05-000755) | 351328.00N/0914238.00W | 1.81   | 495 | 446      | 50   | 20   | 2C | 300 |     |             | 760     |
| CATEGORY C        |                        |        |     |          |      |      |    |     |     |             |         |
| TOWER (05-020005) | 351321.61N/0914046.07W | 2.85   | 515 | 470      | 50   | 20   | 2C | 300 |     |             | 780     |

CIRCLING REMARKS:

CIRCLING RESTRICTED CATS B AND C W OF RWY 1-19 DUE TO 635 TOWER (05-00031) 351228.0N/0914620.00W (1D).

MSA/ESA

CENTER

RADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

HISTORICAL WINDS (2019-2023) UTILIZED.



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZME ARTCC, LIT TOWER

|                           |                 |                      |                         |                 |              |                    |
|---------------------------|-----------------|----------------------|-------------------------|-----------------|--------------|--------------------|
| <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-3PT                  | SRC             | 24                   | SRC                     | 0               | Y            | 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                      | LIT             | 24                   | LIT                     | 37.54           | Y            | 89                 |

**WX REMARKS:**  
RASS PRESSURE PATTERNS THE SAME  
SRC 265, LIT 254  
RA = 88.9.  
SRC HISTORICAL TEMPERATURE DATA INCOMPLETE; DOES NOT HAVE MINIMUM 3 YEAR REPORTING PERIOD OF CONTINUOUS COMPLETE DATA WITHIN THE PREVIOUS 6 CALENDAR YEARS (2018-2023) IAW FAAO 8260.58C PARA 3-3-4.A.(1)(A)1.B.

| <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> |            |
| RW01 - MALSR (PCL), MIRL (PCL), PAPI-4L    | PIR-G                  |                            |            |
| RW19 - MIRL (PCL), REIL (PCL), PAPI-4L     | PIR-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> |
| 3.00                    | 235.4                     | 53.7       |                        |                          | 3.00              | 57.3       |

FINAL APPROACH COURSE AIMING

|                  |              |                    |                              |
|------------------|--------------|--------------------|------------------------------|
| RUNWAY THRESHOLD | <div>X</div> | FT FROM THRESHOLD  | DISPLACED THRESHOLD DISTANCE |
| 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> |
| -15C                | +54C                 | -15C       | +14.48C        |

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.  
CRITICAL LOW TEMPERATURE BASED ON ACT.  
DESCENT RATE (FPM): STANDARD TEMP 821 HIGH TEMP 1167.

"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.

100 FT VEGETATION HEIGHT UTILIZED PER FPT CHECKLIST.

CONTINGENCY CHART NOTES:  
WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LIT ALTIMETER SETTING: INCREASE LPV DA TO 542 FEET; INCREASE LNAV/VNAV DA TO 626 FEET AND ALL VISIBILITIES 1/8 SM;  
INCREASE ALL MDAS 100 FEET AND LNAV VISIBILITY CAT C 3/8 SM, AND CIRCLING VISIBILITY CAT C 1/4 SM.  
BARO-VNAV AND VDP NA WHEN USING LIT ALTIMETER SETTING.  
FOR INOPERATIVE ALS WHEN USING LIT ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 7/8 SM, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 SM AND INCREASE LNAV CAT C TO 1 3/8 SM.

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   | MAP   | TO 1000FT POINT                 | 3.17   |
| WIDTH OF        | FINAL | SEGMENT AT 1000FT POINT         | 1.20   |
| TRUE COURSE OF  | FINAL | SEGMENT CONTAINING 1000FT POINT | 012.63 |
| HIGH TERRAIN IN | FINAL | SEGMENT CONTAINING 1000FT POINT | 300    |
| DISTANCE FROM   | MAP   | TO 1500FT POINT                 | 4.86   |
| WIDTH OF        | FINAL | SEGMENT AT 1500FT POINT         | 1.33   |
| TRUE COURSE OF  | FINAL | SEGMENT CONTAINING 1500FT POINT | 012.63 |
| HIGH TERRAIN IN | FINAL | SEGMENT CONTAINING 1500FT POINT | 300    |

|                                            |                                                                                                               |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| THRESHOLD COORDINATES (IF STR-IN)          | 351209.20N/0914423.06W                                                                                        |
| ARP COORDINATES                            | 351238.20N/0914415.14W                                                                                        |
| RUNWAY APCH END AND DIST FURTHEST FROM ARP | RUNWAY 1 DISTANCE 0.49 NM                                                                                     |
| FAF COORDINATES                            | 350712.56N/0914544.03W                                                                                        |
| FIX NAME COORDINATES                       | IF/IAF HOGGA 350122.98N/0914719.37W,<br>IAF WEBTO 350000.89N/0913955.37W,<br>IAF ZABIN 350244.54N/0915443.50W |

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.

TAA RADIUS 30 NM:  
IF/IAF HOGGA: 350122.98N/0914719.37W, IAF WEBTO: 350000.89N/0913955.37W, IAF ZABIN: 350244.54N/0915443.50W

PART E: PREPARED BY

|                   |          |            |                                     |
|-------------------|----------|------------|-------------------------------------|
| NAME              | OFFICE   | DATE       | TITLE                               |
| MICHAEL MCCARTNEY | AJV-A431 | 02/07/2025 | AERONAUTICAL INFORMATION SPECIALIST |



AIRPORT ID  
SRC

PROCEDURE NAME  
RNAV (GPS) RWY 1

AMDT NO.  
2

CITY  
SEARCY

STATE  
AR

AIRPORT ELEVATION  
265

FACILITY  
RNAV

