

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>PIA        | <u>PROCEDURE NAME</u><br>ILS OR LOC RWY 31 | <u>ORIGINAL/AMENDMENT</u><br>8A        | <u>CITY</u><br>PEORIA                     | <u>STATE</u><br>IL         |
| <u>AIRPORT ELEVATION</u><br>661 | <u>TDZE</u><br>650                         | <u>SUPERSEDED</u><br>ILS OR LOC RWY 31 | <u>ORIGINAL/AMENDMENT</u><br>8            | <u>DATED</u><br>12/26/2024 |
| <u>FACILITY</u><br>I-PIA        | <u>COORDINATES OF FACILITIES</u>           | <u>ACTUAL EFFECTIVE DATE</u>           | <u>REQUIRED EFFECTIVE DATE</u><br>ROUTINE | <u>MAG VAR</u><br>2W       |
|                                 |                                            |                                        |                                           | <u>EPOCH YEAR</u><br>2015  |
|                                 |                                            |                                        |                                           | <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> |
|---------------------|-----------------|---------------------|-----------------|-----------------|--------------|------------|----------------------------------------|-----------------|-----------------|
| PIA VORTAC          |                 | TUNGG LOM           |                 |                 |              |            | 112.04                                 | 10.15           | 2400            |
| NINIC/PIA 30.65 DME | IAF             | MKNTY/PIA 16.18 DME | NOPT            |                 |              |            | 263.83 (HDG) &<br>308.52 (I-PIA R-129) | 3.32 &<br>11.93 | 2400            |
| MKNTY/PIA 16.18 DME | IF              | TUNGG LOM           |                 |                 |              |            | 308.52 (I-PIA)                         | 6.10            | 2400            |

MISSED APPROACH

MAP:

ILS: DA  
LOC: 5.19 NM AFTER TUNGG LOM

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1200 THEN CLIMBING LEFT TURN TO 2400 DIRECT PIA VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2400.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 1200 THEN CLIMBING LEFT TURN TO 2400 DIRECT TUNGG LOM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2400. (ADF REQUIRED)

PROFILE:

|    |                                                                             |                |                 |           |                   |             |
|----|-----------------------------------------------------------------------------|----------------|-----------------|-----------|-------------------|-------------|
| 1. | PT                                                                          | SIDE OF COURSE | OUTBOUND        | FT WITHIN | MILES OF          | (IAF)       |
| 2. | HOLD SE TUNGG LOM, RT, 308.52 INBOUND, 2400 IN LIEU OF PT (IAF), MAX 14000. |                |                 |           |                   |             |
| 3. | FAC:                                                                        | 308.52         | FAF:            | TUNGG LOM | DIST FAF TO MAP:  | 5.19        |
| 4. | MIN ALT:                                                                    | TUNGG LOM 2400 |                 |           | DIST FAF TO THLD: | 5.19        |
| 5. | DIST TO THLD FROM OM:                                                       | 5.19           | MM:             | IM:       | 150 HAT:          | GS ANT: 947 |
| 6. | MIN GS INCPT:                                                               | 2400           | GS ALT AT PFAF: |           | OM:               | 2350        |
| 7. | GS ANGLE:                                                                   | 3.00           | 34:1:           | 20:1:     | TCH:              | 54.7        |
| 8. | MSA FROM:                                                                   | TUNGG LOM 2800 |                 |           |                   |             |



**EQUIPMENT REQUIREMENTS NOTES:**

DME REQUIRED FOR PROCEDURE ENTRY.

**NOTES:**

CHART NOTE: \*RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA. (NA WHEN USING AAA ALTIMETER SETTING).  
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AAA ALTIMETER SETTING: INCREASE S-ILS 31 DA TO 939 FEET; INCREASE ALL MDAS 100 FEET AND S-LOC 31 VISIBILITY CAT C/D/E TO 1 1/4 SM AND CIRCLING VISIBILITY CAT C 1/4 SM AND CAT D 1/2 SM.  
CHART NOTE: CIRCLING RWY 13, 31 NA AT NIGHT.  
CHART NOTE: FOR INOPERATIVE ALS WHEN USING AAA ALTIMETER SETTING, INCREASE S-ILS 31 ALL CATS VISIBILITY TO RVR 4500, S-LOC 31 VISIBILITY CATS C/D/E TO 1 5/8 SM.  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 31 CAT E VISIBILITY TO RVR 4000 AND S-LOC 31 CATS C/D/E TO 1 3/8 SM.  
CHART NOTE: DME FROM PIA VORTAC. DME USE REQUIRES SIMULTANEOUS RECEPTION OF I-PIA AND PIA DME

**ADDITIONAL FLIGHT DATA:**

HOLD W, RT, 095.00 INBOUND.  
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SE TUNGG LOM, RT, 308.52 INBOUND.  
FAS OBST: 857 AAO 403703N/0893615W.  
CHART 885 TOWER (17-000778) 403544N/0893541W.  
CHART CIRCLING ICON.

**MINIMUMS:****TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☐ ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD - CAT D 800-2 1/4, CAT E 1100-3, NA WHEN LOCAL WEATHER NOT AVAILABLE.

| <b>CATEGORY:</b>  | <b>A</b>      |            |                | <b>B</b>      |            |                | <b>C</b>      |            |                | <b>D</b>      |            |                | <b>E</b>      |            |                |
|-------------------|---------------|------------|----------------|---------------|------------|----------------|---------------|------------|----------------|---------------|------------|----------------|---------------|------------|----------------|
| <b>FINAL TYPE</b> | <b>DA/MDA</b> | <b>VIS</b> | <b>HAT/HAA</b> | <b>DA/MDA</b> | <b>VIS</b> | <b>HAT/HAA</b> | <b>DA/MDA</b> | <b>VIS</b> | <b>HAT/HAA</b> | <b>DA/MDA</b> | <b>VIS</b> | <b>HAT/HAA</b> | <b>DA/MDA</b> | <b>VIS</b> | <b>HAT/HAA</b> |
| S-ILS 31*         | 850           | 2400       | 200            | 850           | 2400       | 200            | 850           | 2400       | 200            | 850           | 2400       | 200            | 850           | 2400       | 200            |
| S-LOC 31          | 1120          | 2400       | 470            | 1120          | 2400       | 470            | 1120          | 5000       | 470            | 1120          | 5000       | 470            | 1120          | 5000       | 470            |
| CIRCLING          | 1160          | 1          | 499            | 1160          | 1          | 499            | 1180          | 1 1/2      | 519            | 1400          | 2 1/4      | 739            | 1680          | 3          | 1019           |

**CHANGES - REASONS**

- 1) TERMINAL ROUTES: CHANGED COURSE/DISTANCE FOR INITIAL SEGMENT "NINIC/PIA 30.65 DME" TO "MKNTY/PIA 16.18", FROM "263.86" TO "263.83" AND "3.33" TO "3.32", AND ADDED "NO PT" -- DOCUMENTATION ERROR/IAW 8260.19J 8-2-5.G.
- 2) MAP: CHANGED FROM "LOC: PIA 5.12 DME" TO "LOC: 5.19 NM AFTER TUNGG LOM" -- IAW 8260.19J 8-6-6, DME SOURCE IS ASSOCIATED WITH THE VORTAC
- 3) PROFILE LINE 3: ADDED "DIST FAF TO MAP: 5.19" -- IAW 8260.19J 8-6-6, FAF TO MAP TIMING USED, LOC HAS NO DME
- 4) EQUIPMENT REQUIREMENTS NOTES: CHANGED FROM "DME REQUIRED" TO "DME REQUIRED FOR PROCEDURE ENTRY" -- NO FINAL DME SOURCE AVAILABLE/DME REQUIRED OUTSIDE THE FAC.



COORDINATED WITH:

A4A

X

ALPA

X

AOPA

X

APA

X

HAI

NBAA

X

OTHER:

ZAU, PIA APP CON, PIA ATCT, AMGR

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE  
FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

Digitally signed by

ALLAN WILL

May 12, 2025

OFFICE

DATE

DEVELOPED BY

RONI SECAIDA

Digitally signed by

RONI SECAIDA

May 08, 2025

OFFICE

AJV-33

DATE

04/21/2025

APPROVED BY

KYLE THOMPSON

Digitally signed by

ALLAN WILL

May 12, 2025

OFFICE

AJV-33

DATE

04/21/2025

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> |
|-------------------|-----------------------|-----------------|-------------|--------------|--------------------------|-----------------|
| PIA               | ILS OR LOC RWY 31     | 8A              | PEORIA      | IL           | 661                      | I-PIA           |

**PART A: OBSTRUCTION DATA SEGMENTS**

**FEEDER**

**FROM** PIA VORTAC **TO** TUNGG LOM

| <u>RNP</u>         | <u>DISTANCE</u>        | <u>PAT</u>      | <u>MAP</u>  |             | <u>HAT</u> |            |            |           | <u>HMAS</u> |                    |                |
|--------------------|------------------------|-----------------|-------------|-------------|------------|------------|------------|-----------|-------------|--------------------|----------------|
|                    | 10.15                  |                 |             |             |            |            |            |           |             |                    |                |
| <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 (17-000026)  | 403913.00N/0893514.00W | 1311            | 50          | 50          | 2D         | 1000       |            |           |             |                    | 2400           |
| TERRAIN            | 403803.00N/0893500.00W | 748 (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** NINIC/PIA 30.65 DME **TO** MKNTY/PIA 16.18 DME

| <u>RNP</u>         | <u>DISTANCE</u>        | <u>PAT</u>      | <u>MAP</u>  |             |           | <u>HAT</u> |            |           | <u>HMAS</u> |                    |                |
|--------------------|------------------------|-----------------|-------------|-------------|-----------|------------|------------|-----------|-------------|--------------------|----------------|
|                    | 3.32                   |                 |             |             |           |            |            |           |             |                    |                |
| <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 (17-000821)  | 402616.00N/0891523.00W | 1083            | 250         | 50          | 4D        | 1000       |            |           |             | AT317              | 2400           |
| TERRAIN            | 403221.00N/0891527.00W | 830 (800)       |             |             |           |            |            |           |             | AS1500             | 2300           |

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



INTERMEDIATE

FROM

MKNTY/PIA 16.18 DME

TO

TUNGG LOM

| <u>RNP</u>         | <u>DISTANCE</u>        | <u>PAT</u>      | <u>MAP</u>  |             |           |            | <u>HAT</u> | <u>HMAS</u> |             |                    |                |
|--------------------|------------------------|-----------------|-------------|-------------|-----------|------------|------------|-------------|-------------|--------------------|----------------|
|                    | 6.10                   |                 |             |             |           |            |            |             |             |                    |                |
| <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 (17-001494)  | 403623.09N/0893224.01W | 1262            | 250         | 50          | 4D        | 500        |            |             |             | AT638              | 2400           |
| TERRAIN            | 403612.00N/0893157.00W | 793 (800)       |             |             |           |            |            |             |             | AS1500             | 2300           |

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

RW31

| <u>RNP</u>         | <u>DISTANCE</u>    | <u>PAT</u>      | <u>MAP</u>  |             |           |            | <u>HAT</u> | <u>HMAS</u> |             |                    |                |
|--------------------|--------------------|-----------------|-------------|-------------|-----------|------------|------------|-------------|-------------|--------------------|----------------|
|                    | 5.19               |                 | 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        |             |             |                    | 850            |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LOC

FROM

TUNGG LOM

TO

5.19 NM AFTER TUNGG LOM

| RNP         | DISTANCE               | PAT      | MAP                     |      | HAT | HMAS |     |    |      |             |         |
|-------------|------------------------|----------|-------------------------|------|-----|------|-----|----|------|-------------|---------|
|             | 5.19                   |          | 5.19 NM AFTER TUNGG LOM |      | 470 |      |     |    |      |             |         |
| OBSTRUCTION | COORDINATES            | ELEV MSL | HORZ                    | VERT | AC  | ROC  | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
| AAO         | 403703.00N/0893615.00W | 857      | 215                     | 8    | 4B  | 250  |     |    |      |             | 1120    |

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

TUNGG LOM

TO

P-4

| RNP               | DISTANCE               | PAT       | MAP  |      | HAT | HMAS |     |    |      |             |         |
|-------------------|------------------------|-----------|------|------|-----|------|-----|----|------|-------------|---------|
|                   |                        | P-4       |      |      |     |      |     |    |      |             |         |
| OBSTRUCTION       | COORDINATES            | ELEV MSL  | HORZ | VERT | AC  | ROC  | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
| TOWER (17-000023) | 403746.00N/0893253.00W | 1349      | 250  | 50   | 4D  | 1000 |     |    |      |             | 2400    |
| TERRAIN           | 403612.00N/0893157.00W | 793 (800) |      |      |     |      |     |    |      | AS1500      | 2300    |

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

PIA VORTAC

| <u>RNP</u>         | <u>DISTANCE</u>        | <u>PAT</u>      | <u>MAP</u>  |             | <u>HAT</u> | <u>HMAS</u> |            |           |             |                    |                |
|--------------------|------------------------|-----------------|-------------|-------------|------------|-------------|------------|-----------|-------------|--------------------|----------------|
| 1.00               |                        |                 |             |             |            |             |            |           |             | 679                |                |
| <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        |           |             |                    | 2400           |
| TOWER (17-020122)  | 403859.91N/0894645.43W | 1048            | 250         | 50          | 4D         | 1000        |            |           |             |                    | 2100           |
| TERRAIN            | 404139.00N/0894521.00W | 741 (700)       |             |             |            |             |            |           |             | AS1500             | 2200           |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LOC

FROM

5.19 NM AFTER TUNGG LOM

TO

PIA VORTAC

| <u>RNP</u>         | <u>DISTANCE</u>        | <u>PAT</u>      | <u>MAP</u>  |             | <u>HAT</u> | <u>HMAS</u><br>870 |            |           |             |                    |                |
|--------------------|------------------------|-----------------|-------------|-------------|------------|--------------------|------------|-----------|-------------|--------------------|----------------|
| <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        |           |             |                    | 2400           |
| TOWER (17-020122)  | 403859.91N/0894645.43W | 1048            | 250         | 50          | 4D         | 1000               |            |           |             |                    | 2100           |
| TERRAIN            | 404139.00N/0894521.00W | 741 (700)       |             |             |            |                    |            |           |             | AS1500             | 2200           |

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

TUNGG LOM

| <u>RNP</u>         | <u>DISTANCE</u>        | <u>PAT</u>      | <u>MAP</u>  |             | <u>HAT</u> |            | <u>HMAS</u> |           |             |                    |                |
|--------------------|------------------------|-----------------|-------------|-------------|------------|------------|-------------|-----------|-------------|--------------------|----------------|
| 1.00               |                        |                 |             |             |            |            |             | 679       |             |                    |                |
| <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         |           |             |                    | 2400           |
| TOWER (17-000026)  | 403913.00N/0893514.00W | 1311            | 50          | 50          | 2D         | 1000       |             |           |             |                    | 2400           |
| TERRAIN            | 403803.00N/0893500.00W | 748 (700)       |             |             |            |            |             |           |             | AS1500             | 2200           |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH ALTERNATE: LOC

FROM

5.19 NM AFTER TUNGG LOM

TO

TUNGG LOM

| <u>RNP</u>         | <u>DISTANCE</u>        | <u>PAT</u>      | <u>MAP</u>  |             | <u>HAT</u> | <u>HMAS</u> |            |           |             |                    |                |
|--------------------|------------------------|-----------------|-------------|-------------|------------|-------------|------------|-----------|-------------|--------------------|----------------|
| 1.00               |                        |                 |             |             |            | 870         |            |           |             |                    |                |
| <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        |           |             |                    | 2400           |
| TOWER (17-000026)  | 403913.00N/0893514.00W | 1311            | 50          | 50          | 2D         | 1000        |            |           |             |                    | 2400           |
| TERRAIN            | 403803.00N/0893500.00W | 748 (700)       |             |             |            |             |            |           |             | AS1500             | 2200           |

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 (17-001552)             | 404127.04N/0894146.53W | 1.30   | 499  | 847      | 20   | 3    | 1A | 300 |     |             | 1160    |
| CATEGORY B                    |                        |        |      |          |      |      |    |     |     |             |         |
| TOWER (17-001552)             | 404127.04N/0894146.53W | 1.83   | 499  | 847      | 20   | 3    | 1A | 300 |     |             | 1160    |
| CATEGORY C                    |                        |        |      |          |      |      |    |     |     |             |         |
| TRANSMISSION_LINE (17-030009) | 404028.16N/0894542.45W | 2.87   | 519  | 870      | 50   | 20   | 2C | 300 |     |             | 1180    |
| CATEGORY D                    |                        |        |      |          |      |      |    |     |     |             |         |
| TOWER (17-020122)             | 403859.91N/0894645.43W | 3.75   | 739  | 1048     | 250  | 50   | 4D | 300 |     | AC50        | 1400    |
| CATEGORY E                    |                        |        |      |          |      |      |    |     |     |             |         |
| TOWER (17-000026)             | 403913.00N/0893514.00W | 4.70   | 1019 | 1311     | 50   | 50   | 2D | 300 |     | AC50        | 1680    |

CIRCLING REMARKS:

MSA

CENTER  
TUNGG LOM

RADIUS  
25

| SECTOR  | OBSTRUCTION       | COORDINATES            | BEARING | DISTANCE | ELEV MSL | HORZ | VERT | AC | ROC  | OCS | ADJUSTMENTS | MIN ALT |
|---------|-------------------|------------------------|---------|----------|----------|------|------|----|------|-----|-------------|---------|
| 360-360 | TOWER (17-001398) | 403841.00N/0891047.00W | 085     | 19.0     | 1787     | 500  | 50   | 5D | 1000 |     |             | 2800    |

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

PIA APP CON, PIA TOWER, ZAU 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> |
|---------------------------|-----------------|----------------------|-------------------------|-----------------|--------------|--------------------|
| ASOS                      | PIA             | 24                   | PIA                     | 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> |
| AWOS-3                    | AAA             | 24                   | AAA                     | 34.49           | Y            | 89                 |

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME  
KPIA 661, KAAA 594  
RA = 88.6.

| <u>PRIMARY NAVAID</u> | <u>MONITOR POINT</u> | <u>HRS OPERATION</u> | <u>CAT</u> |
|-----------------------|----------------------|----------------------|------------|
| I-PIA                 | PIA ATCT             | 24                   | 1          |

| <u>APPROACH AND RUNWAY LIGHTING SYSTEM</u> | <u>RUNWAY MARKINGS</u> | <u>RUNWAY VISUAL RANGE</u> |
|--------------------------------------------|------------------------|----------------------------|
| RW04 - MALSR, HIRL, PAPI-4R                | PIR-F                  | APPROACH, ROLL OUT         |
| RW22 - HIRL, PAPI-4L                       | PIR-F                  | APPROACH, ROLL OUT         |
| RW13 - MALSR, HIRL, PAPI-4R                | PIR-G                  | APPROACH, ROLL OUT         |
| RW31 - MALSR, HIRL                         | PIR-G                  | APPROACH, ROLL OUT         |

| <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                    | 642.2                     | 54.7       | 641.0                  | 947                      |                   |            |

FINAL APPROACH COURSE AIMING

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

PENETRATIONS REMARKS:



HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - NO DME SOURCE AVAILABLE.  
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

100FT VEGETATION USED PER FPT.

"CIRCLING RWY 13, 31 NA AT NIGHT" - THIS NOTE IS BECAUSE OF OTHER PROCEDURES AT THE AIRPORT WITH STRAIGHT IN 20:1 PENETRATIONS TO THOSE RUNWAYS.  
ORDER 8260.3 CHAPTER 2 APPLIED TO 885 TOWER (17-000778) 403544.00N/0893541.00W.  
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                 | 3.15   |
| WIDTH OF        | FINAL | SEGMENT AT 1000FT POINT         | 0.90   |
| TRUE COURSE OF  | FINAL | SEGMENT CONTAINING 1000FT POINT | 306.52 |
| HIGH TERRAIN IN | FINAL | SEGMENT CONTAINING 1000FT POINT | 700    |
| DISTANCE FROM   | THLD  | TO 1500FT POINT                 | 4.79   |
| WIDTH OF        | FINAL | SEGMENT AT 1500FT POINT         | 1.25   |
| TRUE COURSE OF  | FINAL | SEGMENT CONTAINING 1500FT POINT | 306.52 |
| HIGH TERRAIN IN | FINAL | SEGMENT CONTAINING 1500FT POINT | 700    |

|                                            |                            |
|--------------------------------------------|----------------------------|
| THRESHOLD COORDINATES (IF STR-IN)          | 403925.94N/0894104.55W     |
| ARP COORDINATES                            | 403951.10N/0894135.70W     |
| RUNWAY APCH END AND DIST FURTHEST FROM ARP | RUNWAY 13 DISTANCE 1.10 NM |
| FAF COORDINATES                            | 403620.29N/0893535.83W     |
| FIX NAME COORDINATES                       |                            |

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED

PART E: PREPARED BY

|              |        |            |                                     |
|--------------|--------|------------|-------------------------------------|
| NAME         | OFFICE | DATE       | TITLE                               |
| RONI SECAIDA | AJV-33 | 04/21/2025 | AERONAUTICAL INFORMATION SPECIALIST |

