

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

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.  
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

|                                 |                                            |                                        |                                           |                           |
|---------------------------------|--------------------------------------------|----------------------------------------|-------------------------------------------|---------------------------|
| <u>AIRPORT ID</u><br>GRE        | <u>PROCEDURE NAME</u><br>RNAV (GPS) RWY 36 | <u>ORIGINAL/AMENDMENT</u><br>1         | <u>CITY</u><br>GREENVILLE                 | <u>STATE</u><br>IL        |
| <u>AIRPORT ELEVATION</u><br>541 | <u>TDZE</u><br>540                         | <u>SUPERSEDED</u><br>RNAV (GPS) RWY 36 | <u>DATED</u><br>01/25/2024                | <u>MAG VAR</u><br>2W      |
| <u>FACILITY</u><br>RNAV         | <u>COORDINATES OF FACILITIES</u>           | <u>ACTUAL EFFECTIVE DATE</u>           | <u>REQUIRED EFFECTIVE DATE</u><br>ROUTINE | <u>EPOCH YEAR</u><br>2020 |
|                                 |                                            |                                        | <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> |
|-----------------------|-----------------|--------------------|-----------------|-----------------|--------------|------------|---------------|-----------------|-----------------|
| BREEZ                 | IAF             | HODAN              | NOPT            | TF              | FB           | 1.00       | 068.98        | 10.15           | 3000            |
| ENL VORTAC            | IAF             | HODAN              | NOPT            | TF              | FB           | 1.00       | 326.93        | 17.70           | 3000            |
| HODAN                 | IF/IAF          | TOWNY              |                 | TF              | FB           | 1.00       | 001.73        | 5.00            | 2200            |
| TOWNY                 | FAF             | SPEAN/2.16 NM RW36 |                 | TF              | FB           | 0.30       | 001.73        | 2.95            |                 |
| SPEAN/2.16 NM TO RW36 |                 | RW36               | MAP             | TF              | FO           | 0.30       | 001.73        | 2.16            |                 |
| RW36                  | MAP             | 790 MSL            |                 | CA              |              |            | 001.73        |                 |                 |
| 790 MSL               |                 | DIANE              |                 | DF              | FO           | 1.00       |               |                 | 3000            |

MISSED APPROACH

MAP:

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW36

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT DIANE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

|                                                                              |                |          |                       |                        |         |
|------------------------------------------------------------------------------|----------------|----------|-----------------------|------------------------|---------|
| 1. PT                                                                        | SIDE OF COURSE | OUTBOUND | FT WITHIN             | MILES OF               | (IAF)   |
| 2. HOLD S HODAN, RT, 001.73 INBOUND, 2300 FT. IN LIEU OF PT (IAF), MAX 4000. |                |          |                       |                        |         |
| 3. FAC: 001.73                                                               | FAF: TOWNY     |          | DIST FAF TO MAP: 5.11 | DIST FAF TO THLD: 5.11 |         |
| 4. MIN ALT: HODAN 3000, TOWNY 2200, SPEAN/2.16 NM RW36 1260                  |                |          |                       |                        |         |
| 5. DIST TO THLD FROM OM: MM: IM:                                             |                |          | 150 HAT:              | 250 HAT: 0.68          | GS ANT: |
| 6. MIN GP INCPT: 2200 GP ALT AT PFAF: TOWNY 2200                             |                |          |                       | OM:                    | MM: IM: |
| 7. GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS CLEAR                          |                |          | TCH: 40.0             |                        |         |
| 8. MSA FROM: RW36 2600                                                       |                |          |                       |                        |         |



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 36 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.  
CHART NOTE: CIRCLING NA TO RWYS 9 AND 27.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON ENL VORTAC AIRWAY RADIALS 249 CW 042.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 181.73 INBOUND.  
FAS OBST: 648 TREE 384951N/0892300W.  
CHART VDP AT 1.03 NM TO RW36.  
WAAS CHANNEL # 73038  
REFERENCE PATH ID: W36A  
CHART CIRCLING ICON.  
LTP HAE: 130.8 M

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 |
| LPV DA       | 790    | 1   | 250     | 790    | 1   | 250     | 790    | 1     | 250     | 790    | 1     | 250     |        |     |         |
| LNAV/VNAV DA | 817    | 1   | 277     | 817    | 1   | 277     | 817    | 1     | 277     | 817    | 1     | 277     |        |     |         |
| LNAV MDA     | 900    | 1   | 360     | 900    | 1   | 360     | 900    | 1     | 360     | 900    | 1     | 360     |        |     |         |
| CIRCLING     | 960    | 1   | 419     | 1000   | 1   | 459     | 1160   | 1 3/4 | 619     | 1240   | 2 1/4 | 699     |        |     |         |

CHANGES - REASONS

1. CHANGED TERMINAL ROUTE FROM FIX TOWNY TO SPEAN/2.20NM RW36 TO SPEAN/2.16 NM RW36 AND DISTANCE FROM 2.91 TO 2.95 NM - FIX SPEAN LOCATION CHANGED.
2. CHANGED TERMINAL ROUTE FROM FIX SPEAN TO RW36 DISTANCE FROM 2.20 NM TO 2.16 NM - FIX SPEAN LOCATION CHANGED.
3. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 3000 DIRECT XUHAS AND HOLD" TO "CLIMB TO 3000 DIRECT DIANE AND HOLD" - FIX XUHAS NAME CHANGE TO DIANE.
4. CHANGED PROFILE LINE 4 HODAN ALT FROM 2300 TO 3000 - FPT REQUEST.
5. CHANGED PROFILE LINE 4 "SPEAN/2.20" TO "SPEAN/2.16" -FIX SPEAN LOCATION CHANGED.
6. CHANGED PROFILE LINE 5 "307 HAT: 0.86" TO "250 HAT: 0.68" - LOWER MINS.
7. CHANGED "CHART VDP AT 1.15 NM TO RW36" TO "CHART VDP AT 1.03 NM TO RW36." - MINIMUMS CHANGED.
8. LOWERED LPV MINS FROM 853/313 DA/HAT TO 790/250 DA/HAT ALL CATS - NEW OBS EVAL COMPLETED.
9. LOWERED LNAV/VNAV MINS FROM 847/307 DA/HAT TO 817/277 DA/HAT ALL CATS - NEW OBS EVAL COMPLETED.
10. LOWERED LNAV MINS FROM 940/400 MDA/HAT TO 900/360 MDA/HAT ALL CATS AND LOWERED CAT C AND D VIS FROM 1 1/8 SM TO 1 SM -NEW OBS EVAL COMPLETED.
11. LOWERED CIRCLING CAT A MINS FROM 980/439 MDA/HAT TO 960/419 MDA/HAT AND LOWERED CIRCLING CAT C MINS FROM 1220/679 MDA/HAT TO 1160/619 MDA/HAT -NEW OBS EVAL COMPLETED.
12. CHANGED CIRCLING CAT C VISIBILITY FROM 2 SM TO 1 3/4 SM - NEW OBS EVAL COMPLETED.
13. MOVED AND UPDATED BACK-UP ALTIMETER NOTE TO -9 "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SLO ALTIMETER SETTING AND INCREASE LPV DA TO 847 FEET; INCREASE LNAV/VNAV DA TO 874 FEET; INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CAT C/D 1/8 SM, AND CIRCLING VISIBILITY CAT C/D 1/4 SM." - CONTINGENCY PURPOSES.
14. MOVED "CHART NOTE: BARO-VNAV AND VDP NA WHEN USING SALEM ALTIMETER SETTING" TO BACK OF THE -9 - CONTINGENCY PURPOSES.
15. REMOVED NOTE "PROCEDURE NA AT NIGHT" - NIGH EVAL SCHEDULED/ PER FPT.
16. CHANGED FPAP LOCATION FROM 385117.8855N/0892235.5575W TO 385117.8855N/0892235.5495W - FAF LOCATION CHANGED.
17. CRC REMAINDER CHANGED FROM ED76E5C7 TO 5C09D3B0 - FPAP CHANGED.



COORDINATED WITH:

A4A

☐

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER: AMGR, ZKC

FLIGHT CHECKED BY

OFFICE

DATE

DEVELOPED BY

PHILLIP SMART

Digitally signed by

PHILLIP G SMART

Apr 18, 2025

OFFICE

AJV-A433

DATE

02/07/2025

APPROVED BY

ROBERT G HAMILTON

OFFICE

AJV-A433

DATE

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD

OPERATION TYPE  
SBAS SERVICE PROVIDER IDENTIFIER  
AIRPORT IDENTIFIER  
RUNWAY  
APPROACH PERFORMANCE DESIGNATOR  
ROUTE INDICATOR  
REFERENCE PATH DATA SELECTOR  
REFERENCE PATH IDENTIFIER (APPROACH ID)  
LTP/FTP LATITUDE  
LTP/FTP LONGITUDE  
LTP/FTP ELLIPSOIDAL HEIGHT  
FPAP LATITUDE  
FPAP LONGITUDE  
THRESHOLD CROSSING HEIGHT (TCH)  
TCH UNITS SELECTOR (METERS OR FEET USED)  
GLIDEPATH ANGLE (GPA)  
COURSE WIDTH AT THRESHOLD  
LENGTH OFFSET  
HORIZONTAL ALERT LIMIT (HAL)  
VERTICAL ALERT LIMIT (VAL)

DATA

0  
0  
KGRE  
RW36  
0  
0  
W36A  
384948.7005N  
0892235.0200W  
+01308  
385117.8855N  
0892235.5495W  
00040.0  
F  
03.00  
106.75  
1528  
40.0  
50.0

CRC REMAINDER

5C09D3B0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE  
LTP ORTHOMETRIC HEIGHT  
FPAP ORTHOMETRIC HEIGHT

K5  
+01621  
+01621

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

|                          |                                            |                      |                           |                    |                                 |                         |
|--------------------------|--------------------------------------------|----------------------|---------------------------|--------------------|---------------------------------|-------------------------|
| <u>AIRPORT ID</u><br>GRE | <u>PROCEDURE NAME</u><br>RNAV (GPS) RWY 36 | <u>AMDT NO.</u><br>1 | <u>CITY</u><br>GREENVILLE | <u>STATE</u><br>IL | <u>AIRPORT ELEVATION</u><br>541 | <u>FACILITY</u><br>RNAV |
|--------------------------|--------------------------------------------|----------------------|---------------------------|--------------------|---------------------------------|-------------------------|

**PART A: OBSTRUCTION DATA SEGMENTS**

**INITIAL**

|                      |                    |
|----------------------|--------------------|
| <b>FROM</b><br>BREEZ | <b>TO</b><br>HODAN |
|----------------------|--------------------|

|                    |                          |            |            |            |             |
|--------------------|--------------------------|------------|------------|------------|-------------|
| <u>RNP</u><br>1.00 | <u>DISTANCE</u><br>10.15 | <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 (17-022291)  | 383918.00N/0892207.00W | 735             | 500         | 50          | 5D        | 1000       |            |           |             | AT1265             | 3000           |
| TERRAIN            | 383433.00N/0893130.00W | 508 (500)       |             |             |           |            |            |           |             | AS1500             | 2000           |

**COMPUTATIONS**

|            |             |             |            |             |           |           |            |                      |             |                |                               |
|------------|-------------|-------------|------------|-------------|-----------|-----------|------------|----------------------|-------------|----------------|-------------------------------|
| <u>ALT</u> | <u>KIAS</u> | <u>KTAS</u> | <u>HAA</u> | <u>VKTW</u> | <u>TR</u> | <u>BA</u> | <u>DTA</u> | <u>COURSE CHANGE</u> | <u>DVEB</u> | <u>VEB OCS</u> | <u>RF CENTER FIX/DISTANCE</u> |
|------------|-------------|-------------|------------|-------------|-----------|-----------|------------|----------------------|-------------|----------------|-------------------------------|

**SEGMENT REMARKS:**

**INITIAL**

|                           |                    |
|---------------------------|--------------------|
| <b>FROM</b><br>ENL VORTAC | <b>TO</b><br>HODAN |
|---------------------------|--------------------|

|                    |                          |            |            |            |             |
|--------------------|--------------------------|------------|------------|------------|-------------|
| <u>RNP</u><br>1.00 | <u>DISTANCE</u><br>17.70 | <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> |
|--------------------|------------------------|-----------------|-------------|-------------|-----------|------------|------------|-----------|-------------|--------------------|----------------|
| AAO                | 382654.00N/0890809.00W | 788             | 215         | 8           | 4B        | 1000       |            |           |             | AT1212             | 3000           |
| TERRAIN            | 382654.00N/0890809.00W | 587 (600)       |             |             |           |            |            |           |             | AS1500             | 2100           |

**COMPUTATIONS**

|            |             |             |            |             |           |           |            |                      |             |                |                               |
|------------|-------------|-------------|------------|-------------|-----------|-----------|------------|----------------------|-------------|----------------|-------------------------------|
| <u>ALT</u> | <u>KIAS</u> | <u>KTAS</u> | <u>HAA</u> | <u>VKTW</u> | <u>TR</u> | <u>BA</u> | <u>DTA</u> | <u>COURSE CHANGE</u> | <u>DVEB</u> | <u>VEB OCS</u> | <u>RF CENTER FIX/DISTANCE</u> |
|------------|-------------|-------------|------------|-------------|-----------|-----------|------------|----------------------|-------------|----------------|-------------------------------|

**SEGMENT REMARKS:**

QUALITY  
37  
CHECKED

INTERMEDIATE

FROM

HODAN (IF/IAF)

TO

TOWNY

RNP

1.00

DISTANCE

5.00

PAT

MAP

HAT

HMAS

| OBSTRUCTION | COORDINATES            | ELEV MSL  | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|-------------|------------------------|-----------|------|------|----|-----|-----|----|------|-------------|---------|
| AAO         | 384424.00N/0892206.00W | 739       | 215  | 8    | 4B | 500 |     |    |      | AT961       | 2200    |
| TERRAIN     | 384400.00N/0892309.00W | 538 (500) |      |      |    |     |     |    |      | AS1500      | 2000    |

COMPUTATIONS

ALT

CIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LPV

FROM

TOWNY

TO

RW36

RNP

0.30

DISTANCE

5.11

PAT

MAP

DA

HAT

250

HMAS

| OBSTRUCTION              | COORDINATES            | ELEV MSL | HORZ | VERT | AC | ROC | OCS     | CG | CGTA | ADJUSTMENTS | MIN ALT |
|--------------------------|------------------------|----------|------|------|----|-----|---------|----|------|-------------|---------|
| TRAVERSE_WAY (17-033828) | 384943.87N/0892230.21W | 550      | 20   | 3    | 1A |     | 34.00:1 |    |      |             | 790     |

COMPUTATIONS

ALT

CIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV/VNAV

FROM

TOWNY

TO

RW36

| RNP         | DISTANCE               | PAT      | MAP  | HAT  | HMAS |     |     |    |      |             |         |
|-------------|------------------------|----------|------|------|------|-----|-----|----|------|-------------|---------|
| 0.30        | 5.11                   |          | DA   | 277  |      |     |     |    |      |             |         |
| OBSTRUCTION | COORDINATES            | ELEV MSL | HORZ | VERT | AC   | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
| TREE        | 384951.00N/0892300.00W | 648      | 215  | 8    | 4B   | 161 |     |    |      | AC8         | 817     |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

TOWNY

TO

SPEAN/2.16 NM RW36

| RNP         | DISTANCE               | PAT      | MAP  | HAT  | HMAS |     |     |    |      |             |         |
|-------------|------------------------|----------|------|------|------|-----|-----|----|------|-------------|---------|
| 0.30        | 2.95                   |          |      |      |      |     |     |    |      |             |         |
| OBSTRUCTION | COORDINATES            | ELEV MSL | HORZ | VERT | AC   | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
| AAO         | 384527.00N/0892327.00W | 709      | 215  | 8    | 4B   | 250 |     |    |      | RA60 AT241  | 1260    |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM

SPEAN/2.16 NM TO RW36

TO

RW36

| RNP         | DISTANCE               | PAT      | MAP  | HAT  | HMAS |     |     |    |      |             |         |
|-------------|------------------------|----------|------|------|------|-----|-----|----|------|-------------|---------|
| 0.30        | 2.16                   |          | RW36 | 360  |      |     |     |    |      |             |         |
| OBSTRUCTION | COORDINATES            | ELEV MSL | HORZ | VERT | AC   | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
| TREE        | 384951.00N/0892300.00W | 648      | 215  | 8    | 4B   | 250 |     |    |      |             | 900     |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

37  
CHECKED

HOLD-IN-LIEU OF PT

FROM  
HODAN

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 (17-003101)  | 383633.00N/0892335.00W | 964               | 500         | 50          | 5D        | 1000       |            |             |             | AT336              | 2300           |
| TERRAIN            | 383318.00N/0892400.00W | 590 (600)         |             |             |           |            |            |             |             | AS1500             | 2100           |

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  
DIANE

| <u>RNP</u><br>0.30-1.00 | <u>DISTANCE</u>        | <u>PAT</u>      | <u>MAP</u>  |             |           |            | <u>HAT</u> | <u>HMAS</u><br>599 |             |                    |                |
|-------------------------|------------------------|-----------------|-------------|-------------|-----------|------------|------------|--------------------|-------------|--------------------|----------------|
| <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           |
| AAO                     | 390224.00N/0892454.00W | 896             | 215         | 8           | 4B        | 1000       |            |                    |             |                    | 1900           |
| TERRAIN                 | 385354.00N/0892427.00W | 662 (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: LNAV/VNAV

FROM

DA

TO

DIANE

| <div><div>RNP</div><div>0.30-1.00</div></div> | <div>DISTANCE</div>    | <div>PAT</div> | <div>MAP</div> |      |    | <div>HAT</div> | <div>HMAS</div> <div>656</div> |    |      |             |         |
|-----------------------------------------------|------------------------|----------------|----------------|------|----|----------------|--------------------------------|----|------|-------------|---------|
| OBSTRUCTION                                   | COORDINATES            | ELEV MSL       | HORZ           | VERT | AC | ROC            | OCS                            | CG | CGTA | ADJUSTMENTS | MIN ALT |
|                                               |                        |                |                |      |    |                | ASC                            |    |      |             | 3000    |
| AAO                                           | 390224.00N/0892454.00W | 896            | 215            | 8    | 4B | 1000           |                                |    |      |             | 1900    |
| TERRAIN                                       | 385354.00N/0892427.00W | 662 (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: LNAV

FROM

RW36

TO

DIANE

| <div><div>RNP</div><div>0.30-1.00</div></div> | <div>DISTANCE</div>    | <div>PAT</div> | <div>MAP</div> |      |    | <div>HAT</div> | <div>HMAS</div> <div>800</div> |    |      |             |         |
|-----------------------------------------------|------------------------|----------------|----------------|------|----|----------------|--------------------------------|----|------|-------------|---------|
| OBSTRUCTION                                   | COORDINATES            | ELEV MSL       | HORZ           | VERT | AC | ROC            | OCS                            | CG | CGTA | ADJUSTMENTS | MIN ALT |
|                                               |                        |                |                |      |    |                | ASC                            |    |      |             | 3000    |
| AAO                                           | 390224.00N/0892454.00W | 896            | 215            | 8    | 4B | 1000           |                                |    |      |             | 1900    |
| TERRAIN                                       | 385354.00N/0892427.00W | 662 (700)      |                |      |    |                |                                |    |      | AS1500      | 2200    |

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

AIRPORT ID  
GRE

PROCEDURE NAME  
RNAV (GPS) RWY 36

AMDT NO.  
1

CITY  
GREENVILLE

STATE  
IL

AIRPORT ELEVATION  
541

FACILITY  
RNAV

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              | 385042.00N/0892139.00W | 1.30   | 419 | 652      | 215  | 8    | 4B | 300 |     |             | 960     |
| CATEGORY B        |                        |        |     |          |      |      |    |     |     |             |         |
| TREE              | 385118.00N/0892100.00W | 1.82   | 459 | 662      | 215  | 8    | 4B | 300 |     | HAA         | 1000    |
| CATEGORY C        |                        |        |     |          |      |      |    |     |     |             |         |
| TOWER (17-001536) | 384811.00N/0892056.00W | 2.87   | 619 | 800      | 500  | 50   | 5D | 300 |     | AC50        | 1160    |
| CATEGORY D        |                        |        |     |          |      |      |    |     |     |             |         |
| TOWER (17-002699) | 385150.64N/0892618.13W | 3.74   | 699 | 879      | 20   | 3    | 1A | 300 |     | XP61        | 1240    |

**CIRCLING REMARKS:**  
TEMP OEAAA OBS PREVENTS LOWERING CAT D MINS

MSA

CENTER  
RW36

RADIUS  
25

| SECTOR  | OBSTRUCTION     | COORDINATES            | BEARING | DISTANCE | ELEV MSL | HORZ | VERT | AC | ROC  | OCS | ADJUSTMENTS | MIN ALT |
|---------|-----------------|------------------------|---------|----------|----------|------|------|----|------|-----|-------------|---------|
| 360-360 | TWR (17-001372) | 383239.00N/0885526.00W | 131     | 27.3     | 1550     | 500  | 50   | 5D | 1000 |     |             | 2600    |

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZKC ARTCC, STL FSS

| WX SERVICE         | LOCATION | HRS OPERATION | ALTIMETER SOURCE | DISTANCE | WMSCR | ADJUSTMENTS |
|--------------------|----------|---------------|------------------|----------|-------|-------------|
| AWOS-AV            | GRE      | 24            | GRE              | 0        | N     | 0           |
| BACK-UP WX SERVICE | LOCATION | HRS OPERATION | ALTIMETER SOURCE | DISTANCE | WMSCR | ADJUSTMENTS |
| AWOS-3PT           | SLO      | 24            | SLO              | 22.66    | Y     | 57          |

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME  
KGRE 541, KSLO 573  
RA = 56.7.

| PRIMARY NAVAID                      | MONITOR POINT | HRS OPERATION   | CAT                 |
|-------------------------------------|---------------|-----------------|---------------------|
| APPROACH AND RUNWAY LIGHTING SYSTEM |               | RUNWAY MARKINGS | RUNWAY VISUAL RANGE |
| RW09                                |               |                 |                     |
| RW27                                |               |                 |                     |
| RW18 - MIRL (PCL), REIL, PVASI-PSIL |               | NPI-F           |                     |
| RW36 - MIRL (PCL), REIL             |               | NPI-F           |                     |

| GLIDESLOPE ANGLE | ELEV RWY THRESHOLD | TCH  | ELEV GS ANTENNA | DISTANCE FROM RWY | VGSI ANGLE | TCH |
|------------------|--------------------|------|-----------------|-------------------|------------|-----|
| 3.00             | 531.7              | 40.0 |                 |                   |            |     |

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

| CRITICAL LOW | CRITICAL HIGH | ACT  | APT ISA |
|--------------|---------------|------|---------|
| -16C         | +54C          | -16C | +13.93C |

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.  
CRITICAL LOW TEMPERATURE BASED ON ACT.  
DESCENT RATE (FPM): STANDARD TEMP 962 HIGH TEMP 1269.

"VISUAL PORTION OF FINAL" PENETRATIONS

|                                                               |                                                                |  |  |
|---------------------------------------------------------------|----------------------------------------------------------------|--|--|
| FINAL TYPE                                                    | LPV, LNAV/VNAV, LNAV                                           |  |  |
| 34:1                                                          |                                                                |  |  |
|                                                               | 546 TRAVERSE_WAY (17-056025) 384943.8700N/0892237.0400W (5.83) |  |  |
| 546 TRAVERSE_WAY (17-034744) 384943.8700N/0892234.1900W (5.8) | 546 TRAVERSE_WAY (17-055849) 384943.8600N/0892235.4700W (5.78) |  |  |



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:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

AVERAGE VEGETATION HEIGHT: 100 FT PER FPT

ORDER 8260.3 CHAPTER 2 APPLIED TO  
739 TERRAIN+AAO 384424N/0892206W

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SLO ALTIMETER SETTING AND INCREASE LPV DA TO 847 FEET; INCREASE LNAV/VNAV DA TO 874 FEET; INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CAT C/D 1/8 SM, AND CIRCLING VISIBILITY CAT C/D 1/4 SM.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING SALEM 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                 | 2.78   |
| WIDTH OF        | FINAL | SEGMENT AT 1000FT POINT         | 1.20   |
| TRUE COURSE OF  | FINAL | SEGMENT CONTAINING 1000FT POINT | 359.73 |
| HIGH TERRAIN IN | FINAL | SEGMENT CONTAINING 1000FT POINT | 500    |
| DISTANCE FROM   | THLD  | TO 1500FT POINT                 | 4.71   |
| WIDTH OF        | FINAL | SEGMENT AT 1500FT POINT         | 1.76   |
| TRUE COURSE OF  | FINAL | SEGMENT CONTAINING 1500FT POINT | 359.73 |
| HIGH TERRAIN IN | FINAL | SEGMENT CONTAINING 1500FT POINT | 500    |

THRESHOLD COORDINATES (IF STR-IN)

ARP COORDINATES

RUNWAY APCH END AND DIST FURTHEST FROM ARP

FAF COORDINATES

FIX NAME COORDINATES

384948.70N/0892235.02W

385010.40N/0892244.00W

RUNWAY 9 DISTANCE 0.40 NM

384441.62N/0892233.20W

REMARKS

| <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> |
|---------------------|-----------------------|-----------------|---------------|--------------|-------------------------------------|-----------------|
| GRE                 | RNAV (GPS) RWY 36     | 1               | GREENVILLE    | IL           | 541                                 | RNAV            |
| PART E: PREPARED BY |                       |                 |               |              |                                     |                 |
| <u>NAME</u>         |                       |                 | <u>OFFICE</u> | <u>DATE</u>  | <u>TITLE</u>                        |                 |
| PHILLIP SMART       |                       |                 | AJV-A433      | 02/07/2025   | AERONAUTICAL INFORMATION SPECIALIST |                 |