

**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>        | <u>PROCEDURE NAME</u>            | <u>ORIGINAL/AMENDMENT</u>    | <u>CITY</u>                    | <u>STATE</u>          |                |                   |
|--------------------------|----------------------------------|------------------------------|--------------------------------|-----------------------|----------------|-------------------|
| MVN                      | ILS OR LOC RWY 23                | 13                           | MOUNT VERNON                   | IL                    |                |                   |
| <u>AIRPORT ELEVATION</u> | <u>TDZE</u>                      | <u>SUPERSEDED</u>            | <u>ORIGINAL/AMENDMENT</u>      | <u>DATED</u>          | <u>MAG VAR</u> | <u>EPOCH YEAR</u> |
| 480                      | 471                              | ILS OR LOC RWY 23            | 12A                            | 05/19/2022            | 1W             | 2000              |
| <u>FACILITY</u>          | <u>COORDINATES OF FACILITIES</u> | <u>ACTUAL EFFECTIVE DATE</u> | <u>REQUIRED EFFECTIVE DATE</u> | <u>CANCEL/SUSPEND</u> |                |                   |
| MVN                      |                                  | 3 SEPTEMBER 2026             | ROUTINE                        |                       |                |                   |

**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> |
|---------------------|-----------------|---------------------|-----------------|-----------------|--------------|------------|----------------|-----------------|-----------------|
| ENL VORTAC          |                 | FAMTA INT           | FAF/IAF         |                 |              |            | 091.48         | 18.98           | 3000            |
| BIB VORTAC          | IAF             | OFEND/BIB 25.86 DME | NOPT            |                 |              |            | 188.65         | 25.86           | 3000            |
| OFEND/BIB 25.86 DME | IF              | FAMTA INT           |                 |                 |              |            | 231.07 (I-MVN) | 10.18           | 2300            |

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: 5.59 NM AFTER FAMTA INT

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1100 THEN CLIMBING RIGHT TURN TO 2300 ON HEADING 037 AND ENL VORTAC R-091 TO FAMTA INT AND HOLD, CONTINUE CLIMB IN HOLD TO 2300.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

|                           |                 |                 |                |                  |         |                   |      |          |                 |
|---------------------------|-----------------|-----------------|----------------|------------------|---------|-------------------|------|----------|-----------------|
| 1. PT                     | R               | SIDE OF COURSE  | 051.07         | OUTBOUND         | 2300    | FT WITHIN         | 10   | MILES OF | FAMTA INT (IAF) |
| 2.                        |                 |                 |                |                  |         |                   |      |          |                 |
| 3. FAC:                   | 231.07          | FAF:            | FAMTA INT      | DIST FAF TO MAP: | 5.59    | DIST FAF TO THLD: | 5.59 |          |                 |
| 4. MIN ALT:               | FAMTA INT 2300  |                 |                |                  |         |                   |      |          |                 |
| 5. DIST TO THLD FROM FAF: | 5.59            | MM:             | IM:            | 150 HAT:         | GS ANT: | 949               |      |          |                 |
| 6. MIN GS INCPT:          | 2300            | GS ALT AT PFAF: | FAMTA INT 2300 | OM:              | MM:     | IM:               |      |          |                 |
| 7. GS ANGLE:              | 3.00            | 34:1:           | 20:1:          | TCH:             | 52.1    |                   |      |          |                 |
| 8. MSA FROM:              | ENL VORTAC 2600 |                 |                |                  |         |                   |      |          |                 |



NOTES:

CHART NOTE: CIRCLING RWY 15, 33 NA AT NIGHT.  
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ENL ALTIMETER SETTING AND INCREASE S-ILS 23 DA TO 716 FEET; INCREASE ALL MDAS 60 FEET AND S-LOC 23 VISIBILITY CAT C/D 1/4 SM, AND CIRCLING VISIBILITY CAT C 1/4 SM.

ADDITIONAL FLIGHT DATA:

CHART BIB VORTAC 25.86 DME AT OFEND.  
CHART IN PLANVIEW ONLY: ENL VORTAC 18.98 DME AT FAMTA.  
CHART RED HILLS MOA.  
HOLD NE, LT, 231.07 INBOUND.  
FAS OBST: 762 AAO 382354N/0884503W.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD - CAT D 900-3, 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 |
| S-ILS 23   | 671    | 1/2 | 200     | 671    | 1/2 | 200     | 671    | 1/2   | 200     | 671    | 1/2   | 200     |        |     |         |
| S-LOC 23   | 1020   | 1/2 | 549     | 1020   | 1/2 | 549     | 1020   | 1 1/8 | 549     | 1020   | 1 1/8 | 549     |        |     |         |
| CIRCLING   | 1020   | 1   | 540     | 1020   | 1   | 540     | 1140   | 1 3/4 | 660     | 1380   | 3     | 900     |        |     |         |

CHANGES - REASONS

1. TERMINAL ROUTES: UPDATED FEEDER SEGMENT FROM "ENL VORTAC TO FAMTA INT/VNN 3.13 DME" TO "ENL VORTAC TO FAMTA INT"; DISTANCE FROM "19.20" TO "18.98"; COURSE FROM "090.81" TO "091.48"; ALTITUDE FROM "2400" TO "3000". – BASED ON NEW TARGETS EVALUATION, VNN BEING DECOMMISSIONED AND FPT REQUEST.
2. TERMINAL ROUTES: UPDATED INITIAL SEGMENT "BIB VORTAC TO OFEND INT/BIB 25.86 DME" ALTITUDE FROM "2400" TO "3000". – PER FPT REQUEST.
3. TERMINAL ROUTES: UPDATED INTERMEDIATE SEGMENT "OFEND INT/BIB 25.86 DME TO FAMTA INT" DISTANCE FROM "9.87" TO "10.18"; ALTITUDE FROM "2400" TO "2300". – NEW FAMTA LOCATION AND ALTITUDE PER FPT.
4. MISSED APPROACH: UPDATED LOC MAP FROM "5.90 NM AFTER FAMTA INT/VNN 3.13 DME" TO "5.59 NM AFTER FAMTA INT"; UPDATED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 2300 THEN CLIMBING LEFT TURN TO 2400 ON HEADING 060 AND ON BIB VORTAC R-189 TO OFEND AND HOLD." TO "CLIMB TO 1100 THEN CLIMBING RIGHT TURN TO 2300 ON HEADING 037 AND ENL VORTAC R-091 TO FAMTA INT AND HOLD, CONTINUE CLIMB IN HOLD TO 2300." – VNN DECOMMISSIONED AND NEW MISSED APPROACH PER FPT.
5. PROFILE LINE 1: UPDATED OUTBOUND FROM "2400" TO "2300" – LOWER ALTITUDE PER FPT.
6. PROFILE LINE 3: UPDATED FAF FROM "FAMTA INT/VNN 3.13 DME" TO "FAMTA INT"; DIST FAF TO MAP/THLD FROM "5.90" TO "5.59" - VNN DECOMMISSIONED AND NEW FAMTA LOCATION PER FPT.
7. PROFILE LINE 4: UPDATED MIN ALT FROM "FAMTA INT/VNN 3.13 DME 2400" TO "FAMTA INT 2300". - VNN DECOMMISSIONED AND NEW FAMTA ALTITUDE PER FPT.
8. PROFILE LINE 5: UPDATED DIST TO THLD FROM FAF FROM "5.90" TO "5.59" – NEW FAMTA LOCATION PER FPT.
9. PROFILE LINE 6: UPDATED MIN GP INCPT FROM "2400" TO "2300"; GP ALT AT PFAF FROM "FAMTA INT/VNN 3.13 DME 2400" TO "FAMTA INT 2300" – VNN DECOMMISSIONED AND NEW FAMTA ALTITUDE PER FPT.
10. PROFILE LINE 8: UPDATED MSA FROM "KMVN 2600" TO "ENL VORTAC 2600" - IAW 8260.3G 2-3-2 B(1) AND FPT REQUEST.
11. NOTES: ADDED "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ENL ALTIMETER SETTING AND INCREASE S-ILS 23 DA TO 716 FEET; INCREASE ALL MDAS 60 FEET AND S-LOC 23 VISIBILITY CAT C/D 1/4 SM, AND CIRCLING VISIBILITY CAT C 1/4 SM." AND "CHART NOTE: FOR INOPERATIVE ALS, INCREASE LOC CAT C AND D VISIBILITY TO 1 3/4 SM." - PER FPT REQUEST.
12. ADDITIONAL FLIGHT DATA: ADDED "CHART RED HILLS MOA". – PER FPT REQUEST.
13. ADDITIONAL FLIGHT DATA: REMOVED "CHART VNN DME IN PROFILE VIEW", "CHART VDP AT 1.24 DME", "DISTANCE VDP TO THLD 1.56 NM.", AND "CHART CIRCLING ICON.". – VNN DECOMMISSIONED AND VDP NOT PUBLISHABLE WITHOUT DME. CIRCLING ICON NO LONGER REQUIRED.
14. ADDITIONAL FLIGHT DATA: UPDATED NOTES FROM "CHART BIB VORTAC 25.9 DME AT OFEND." TO "CHART BIB VORTAC 25.86 DME AT OFEND."; FROM "CHART ENL VORTAC 19.2 DME AT FAMTA IN PLANVIEW ONLY." TO "CHART BIB VORTAC 25.86 DME AT OFEND."; FROM "FAS OBST: 769 AAO 382348N/0884505W." TO" FAS OBST: 762 AAO 382354N/0884503W." – BASED ON EVALUATION AND PER FPT REQUEST.

7/21/26: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 5/19/26.  
1. CHANGED FIX OFEND FROM INT/DME TO DME FIX IN TERMINAL ROUTES.



COORDINATED WITH:

A4A

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ALPA

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AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER: ZKC, AMGR

FLIGHT CHECKED BY  
PAUL R ARMSTRONG

Digitally signed by

RAKE MCGRAW

Jul 23, 2026

OFFICE

AJF

DATE

07/20/2026

DEVELOPED BY  
ALLAN WILL (WILLIAM MATTHEWS)

Digitally signed by

RAKE MCGRAW

Jul 23, 2026

OFFICE

AJV-A33

DATE

05/01/2026

APPROVED BY  
KYLE THOMPSON

Digitally signed by

RAKE MCGRAW

Jul 23, 2026

OFFICE

AJV-A33

DATE

TITLE

MANAGER

