

**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> | | |
| BWG | ILS Y OR LOC Y RWY 3 | 3 | BOWLING GREEN | KY | | |
| <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SUPERSEDED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> |
| 547 | 547 | ILS Y OR LOC Y RWY 3 | 2 | 10/10/2019 | 4W | 2015 |
| <u>FACILITY</u> | <u>COORDINATES OF FACILITIES</u> | <u>ACTUAL EFFECTIVE DATE</u> | <u>REQUIRED EFFECTIVE DATE</u> | <u>CANCEL/SUSPEND</u> | | |
| I-BWG | | 26 DECEMBER 2024 | ROUTINE | | | |

TERMINAL ROUTES

| FROM | FIX TYPE | TO | FIX TYPE | LEG TYPE | FO/FB | RNP | COURSE | DISTANCE | ALTITUDE |
|-------------------------|----------|------------------------|----------|----------|-------|-----|----------------|----------|----------|
| WEDVO/BWG DME 12.03 DME | IF | NOORA LOM/BWG 5.79 DME | NOPT | | | | 033.89 (I-BWG) | 6.25 | 2400 |

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.44 NM AFTER NOORA LOM/BWG 5.79 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 2400 DIRECT NOORA LOM AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

| | | | | | | | | | |
|--------------------------|---|-----------------|------------------------|------------------|------|-------------------|------|----------|------------------------------|
| 1. PT | L | SIDE OF COURSE | 213.89 | OUTBOUND | 2400 | FT WITHIN | 10 | MILES OF | NOORA LOM/BWG 5.79 DME (IAF) |
| 2. | | | | | | | | | |
| 3. FAC: | 033.89 | FAF: | NOORA LOM/BWG 5.79 DME | DIST FAF TO MAP: | 5.44 | DIST FAF TO THLD: | 5.44 | | |
| 4. MIN ALT: | NOORA LOM/BWG 5.79 DME 2400, ZELUL/BWG 2.00 DME 1120* | | | | | | | | |
| 5. DIST TO THLD FROM OM: | 5.45 | MM: | IM: | 150 HAT: | | GS ANT: | 1143 | | |
| 6. MIN GS INCPT: | 2400 | GS ALT AT PFAF: | GP INTCP 2400 | | | OM: | 2326 | MM: | IM: |
| 7. GS ANGLE: | 3.00 | 34:1: | 20:1: | TCH: | 44.3 | | | | |
| 8. MSA FROM: | NOORA LOM 3100 | | | | | | | | |



EQUIPMENT REQUIREMENTS NOTES:

ADF REQUIRED.
RADAR REQUIRED FOR PROCEDURE ENTRY.

NOTES:

*1200 WHEN USING GLW ALTIMETER SETTING.
CHART NOTE: CIRCLING RWY 30 NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART IN PLANVIEW: BWG DME.
**DME FROM BWG DME
CHART IN PROFILE VIEW: BWG DME ANTENNA

HOLD SW, RT, 033.89 INBOUND.
CHART FAS OBST: 666 TREE (21-050523) 365621N/0862614W.
830 AAO 365245N/0862845W.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: 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 |
| S-ILS 03 | 797 | 3/4 | 250 | 797 | 3/4 | 250 | 797 | 3/4 | 250 | 797 | 3/4 | 250 | | | |
| S-LOC 03* | 1120 | 1 | 573 | 1120 | 1 | 573 | 1120 | 1 5/8 | 573 | 1120 | 1 5/8 | 573 | | | |
| CIRCLING | 1120 | 1 | 573 | 1120 | 1 | 573 | 1160 | 1 3/4 | 613 | 1200 | 2 | 653 | | | |
| ZELUL FIX MINIMUMS** (DME REQUIRED) | | | | | | | | | | | | | | | |
| S-LOC 03 | 920 | 1 | 373 | 920 | 1 | 373 | 920 | 1 | 373 | 920 | 1 | 373 | | | |
| CIRCLING | 1080 | 1 | 533 | 1120 | 1 | 573 | 1160 | 1 3/4 | 613 | 1200 | 2 | 653 | | | |

CHANGES - REASONS

1. DELETED TANDS INITIAL SEGMENT AND PROCEDURE NA FOR ARRIVALS AT TANDS ON V49 SOUTHBOUND - V49 CANCELLED.
2. DELETED SPARE INITIAL SEGMENT - PER FPT REQUEST
3. NOORA LOM CHANGED FROM OLD/BWG 5.79 DME TO NEW/BWG 3.45 DME - BWG DME FAC RELOCATED FROM 365543.47N/862636.36W TO 365752.00N/862524.00W.
4. MISSED APPROACH POINT CHANGED FROM LOC: 5.45 NM AFTER NOORA LOM/BWG 3.45 DME TO LOC: 5.44 NM AFTER NOORA LOM/BWG 5.79 DME - BWG DME FAC RELOCATED FROM 365543.47N/862636.36W TO 365752.00N/862524.00W..
5. LINE 4 CHANGED ZELUL/BWG 0.70 DME 1080* TO ZELUL/BWG 2.00 DME 1120* - BWG DME FAC RELOCATED FROM 365543.47N/862636.36W TO 365752.00N/862524.00W.
6. LINE 6 CHANGED FROM OM: 2352 TO OM: 2326 - BWG DME FAC RELOCATED FROM 365543.47N/862636.36W TO 365752.00N/862524.00W.
7. DELETED * LOC ONLY FROM PROFILE VIEW - IAW 8260.19I PARA 8-6-10.M.
8. DELETED NOTE RNAV-1 GPS REQUIRED FOR PROCEDURE ENTRY - NO LONGER NECESSARY PER FPT.
9. CHANGED LINE 1 COURSE FROM 213.88 TO 213.89 - ALIGNED WITH FAC.
10. CHANGED LINE 7 TCH FROM 44.1 TO 44.3 - ALIGN WITH ILS VALUE.
11. ADDITIONAL FLIGHT DATA: CHANGED HOLDING COURSE INBOUND FROM 033.88 TO 033.89 - TO ALIGN WITH THE FINAL APPROACH COURSE.
12. CHANGED S-ILS 03 DA/HAT FROM 747/200 TO 797/250 - NEW ILS CONTROLLING OBSTACLE.
13. S-LOC 03 CAT C/D VISIBILITY CHANGED FROM 1 1/2 TO 1 5/8 - IAW 8260.3E TABLE 3-3-1.
14. ALTERNATE MINIMUMS: ADDED NA WHEN LOCAL WEATHER NOT AVAILABLE - 8260.19I PARA 8-6-12.B.(4).
15. CHANGED TERMNAL ROUTE WEDVO/BWG 12.03 TO NOORA LOM/BWG 5.79 DME FROM 6.24 TO 6.25 - ROUNDING UPDATE.



COORDINATED WITH:

A4A

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ALPA

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AOPA

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APA

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HAI

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NBAA

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OTHER: ZME ARTCC, AMGR

| | | | | |
|---|---|---|---|---|
| <div><div>FLIGHT CHECKED BY</div><div>MICHAEL C MCCURDY</div></div> | <div><div>Digitally signed by</div><div>ALLAN WILL</div><div>Nov 14, 2024</div></div> | <div><div>OFFICE</div><div>AJF</div></div> | <div><div>DATE</div><div>11/12/2024</div></div> | |
| <div><div>DEVELOPED BY</div><div>WILLIAM D. MELTON</div></div> | <div><div>Digitally signed by</div><div>WILLIAM D MELTON</div><div>Jun 06, 2024</div></div> | <div><div>OFFICE</div><div>AJV-A423</div></div> | <div><div>DATE</div><div>03/07/2024</div></div> | |
| <div><div>APPROVED BY</div><div>ALLAN WILL</div></div> | <div><div>Digitally signed by</div><div>ALLAN WILL</div><div>Nov 14, 2024</div></div> | <div><div>OFFICE</div><div>AJV-A423</div></div> | <div><div>DATE</div></div> | <div><div>TITLE</div><div>MANAGER</div></div> |

