

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>UES        | <u>PROCEDURE NAME</u><br>RNAV (GPS) RWY 28 | <u>ORIGINAL/AMENDMENT</u><br>1                   | <u>CITY</u><br>WAUKESHA                      | <u>STATE</u><br>WI         |
| <u>AIRPORT ELEVATION</u><br>912 | <u>TDZE</u><br>906                         | <u>SUPERSEDED</u><br>RNAV (GPS) RWY 28           | <u>ORIGINAL/AMENDMENT</u><br>ORIG-A          | <u>DATED</u><br>09/09/2021 |
| <u>FACILITY</u><br>RNAV         | <u>COORDINATES OF FACILITIES</u>           | <u>ACTUAL EFFECTIVE DATE</u><br>20 FEBRUARY 2025 | <u>REQUIRED EFFECTIVE DATE</u><br>02/20/2025 | <u>MAG VAR</u><br>1W       |
|                                 |  |  |  | <u>EPOCH YEAR</u><br>1990  |
|                                 |  |  |  | <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> |
|--------------------|-----------------|-----------------------|-----------------|-----------------|--------------|------------|---------------|-----------------|-----------------|
| HOANN              |                 | WIGBA                 |                 | TF              | FB           | 1.00       | 079.92        | 6.80            | 3000            |
| WIGBA              | IAF             | WIDNO                 |                 | TF              | FB           | 1.00       | 170.03        | 6.50            | 3000            |
| WIDNO              | IF              | WERBI                 |                 | TF              | FB           | 1.00       | 260.05        | 6.55            | 3000            |
| WERBI              | FAF             | VOVVU/1.64 NM TO RW28 |                 | TF              | FB           | 0.30       | 283.05        | 3.88            |                 |
| VOVVU/1.64 NM RW28 |                 | RW28                  | MAP             | TF              | FO           | 0.30       | 283.05        | 1.64            |                 |
| RW28               | MAP             | 1400 MSL              |                 | CA              |              |            | 283.05        |                 | 1400            |
| 1400 MSL           |                 | HAWKN                 |                 | DF              | FO           | 1.00       |               |                 | 3000            |

MISSED APPROACH

MAP:

LNAV: RW28

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1400 THEN CLIMBING RIGHT TURN TO 3000 DIRECT HAWKN AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT WIDNO
- FAC: 283.05 FAF: WERBI DIST FAF TO MAP: 5.53 DIST FAF TO THLD: 5.53
- MIN ALT: WIDNO 3000, WERBI 3000, VOVVU/1.64 NM TO RW28 1560
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: OM: MM: IM:
- MIN GP INCPT: GP ALT AT FAF:
- GP ANGLE: 34:1: IS NOT CLEAR 20:1: IS NOT CLEAR TCH:
- MSA FROM: RW28 2900



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.  
CHART NOTE: RWY 28 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.  
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MWC ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CAT C/D 1/8 SM, AND CIRCLING VISIBILITY CAT C/D 1/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 183.55 INBOUND.  
CHART FAS OBST: 1238 TOWER (55-000809) 430130N/0881124W.  
WERBI TO RW28: 3.49/45.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.

| 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 |
| LNAV MDA   | 1500   | 1   | 594     | 1500   | 1   | 594     | 1500   | 1 3/4 | 594     | 1500   | 1 3/4 | 594     |        |     |         |
| CIRCLING   | 1500   | 1   | 588     | 1500   | 1   | 588     | 1540   | 1 3/4 | 628     | 1640   | 2 1/4 | 728     |        |     |         |



CHANGES - REASONS

1. AIRPORT ELEVATION CHANGED FROM "911" TO "912" - PER CURRENT SURVEY DATA
2. FEEDER CHANGED FROM "WIGBA" TO NEW FIX "HOANN" - PER FPT REQUEST
3. TERMINAL ROUTES WIGBA TO WIDNO COURSE/DISTANCE CHANGED FROM 180.07/7.00 TO 170.03/6.50 - REDESIGN OF APPROACH TO AVOID MKE TRAFFIC
4. TERMINAL ROUTES WIDNO TO WERBI COURSE/DISTANCE CHANGED FROM 270.07/6.10 TO 260.05/6.55 - REDESIGN OF APPROACH TO AVOID MKE TRAFFIC
5. TERMINAL ROUTES WERBI TO VOVVU/1.50NM TO VEYUG FIX/COURSE/DISTANCE CHANGED FROM 269.97/3.95 TO VOVVU/1.64 TO RW28/283.05/3.87 - REDESIGN OF APPROACH TO AVOID MKE TRAFFIC
6. TERMINAL ROUTES VOVVU/1.50NM TO VEYUG FIX/COURSE/DISTANCE CHANGED FROM 269.91/1.30 TO VOVVU/1.64 TO RW28/283.05/1.64
7. MAP CHANGED FROM "VEYUG" TO "RW28" - FPT REQUEST
8. MISSED APPROACH CHANGED FROM "CLIMB TO 3000 DIRECT VAGYU AND RIGHT TURN VIA 011.87 TRACK AND HOLD" TO "CLIMB TO 1400 THEN CLIMBING RIGHT TURN TO 3000 DIRECT HAWKN AND HOLD" - PER FPT REQUEST
9. FAC CHANGED FROM "269.97" TO "283.05" - MAP CHANGED TO THLD ON CENTERLINE, PER FPT REQUEST
10.    UPDATED DISTANCE FAF TO MAP CHANGED FROM "5.25" TO "5.53" - MAP CHANGED FROM VEYUG TO RW28
11.    LINE 4: MIN ALT CHANGED FROM "VOVVU/1.50 NM TO VEYUG 1640" TO "VOVVU/1.64 TO RW28 1560" - SDF MOVED TO 3.49/45 GP/TCH, MAP ON CENTERLINE, ON THLD
12.    ADDED 20:1 IS NOT CLEAR - IAW 8260.19J 8-6-7(G)(3)(A)
13.    MSA CENTER POINT CHANGED FROM "VEYUG" TO "RW28" - IAW 8260.19J 8-7-1(B)(24)
14.    PBN REQUIREMENTS NOTE CHANGED FROM "DME/DME RNP-0.3 NA" TO "RNP APCH - GPS" - IAW 8260.19J 8-6-8 (MEMO)
15.    AMENDED CHART NOTE FROM "CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA" TO "CHART NOTE: RWY 28 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" - IAW 8260.19J 8-6-12 (K)(2)
16.    REMOVED FAC CROSSED RWY CENTERLINE EXTENDED FROM THLD - MAP CHANGED TO THLD ON CENTERLINE, STRAIGHT-IN APPROACH - PER FPT REQUEST
17.    UPDATED CHART NOTE: "CHART NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT" TO "CHART NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) - IAW 8260.19J 8-6-10 (M)(1)
18.    UPDATED BACKUP ALTIMETER NOTE "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MWC ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CAT C/D 1/8 SM, AND CIRCLING VISIBILITY CAT C/D 1/4 SM" - PER CURRENT CRITERIA
19.    FAS OBSTACLE CHANGED FROM "1238 ROD ON STROBE LTD TWR (KUES0078) 430130N/0881124W" TO "1238 TOWER (55-000809) 430130N/0881124W" - IAW 8260.19J 8-6-11(C)
20.    LNAV MINIMUMS INCREASED FROM "MDA 1420 HAT/514" TO "MDA 1500 HAT/594" - NEW OBS SURVEY
21.    CIRCLING CAT A MINIMUMS INCREASED FROM "MDA 1460 HAA/514" TO "MDA 1500 HAA/588" - NEW OBS SURVEY
22.    ADDITIONAL FLIGHT DATA: WERBI TO RW28 CHANGED FROM "3.38/37" TO "3.49/45" - PER FPT/ATC REQUEST

01/03/2025: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 08/21/2024

1. CHANGED REQUIRED EFFECTIVE DATE FROM ROUTINE TO 02/20/2025

COORDINATED WITH:

A4A

☐

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER: MKE APP CON, UES ATCT, ZAU ARTCC, AMGR

FLIGHT CHECKED BY

PENDING

Digitally signed by

DAVID DANNER

Jan 03, 2025

OFFICE

DATE

DEVELOPED BY

CHRISTOPHER MENDENHALL

Digitally signed by

DAVID DANNER

Jan 03, 2025

OFFICE

AJV-A421

DATE

11/21/2024

APPROVED BY

DAVID DANNER

Digitally signed by

DAVID DANNER

Jan 03, 2025

OFFICE

AJV-A420

DATE

01/16/2025

TITLE

MANAGER

