

**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>KDPA       | <u>PROCEDURE NAME</u><br>RNAV (GPS) RWY 2L | <u>ORIGINAL/AMENDMENT</u><br>1               | <u>CITY</u><br>CHICAGO/WEST CHICAGO       | <u>STATE</u><br>IL         |                      |                           |
| <u>AIRPORT ELEVATION</u><br>759 | <u>TDZE</u><br>754                         | <u>SUPERSEDED</u><br>RNAV (GPS) RWY 2L       | <u>ORIGINAL/AMENDMENT</u><br>ORIG-F       | <u>DATED</u><br>10/07/2021 | <u>MAG VAR</u><br>1W | <u>EPOCH YEAR</u><br>1985 |
| <u>FACILITY</u><br>RNAV         | <u>COORDINATES OF FACILITIES</u>           | <u>ACTUAL EFFECTIVE DATE</u><br>15 JUNE 2023 | <u>REQUIRED EFFECTIVE DATE</u><br>ROUTINE | <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> |
|-------------|-----------------|-----------|-----------------|-----------------|--------------|------------|---------------|-----------------|-----------------|
| SHWAG       | IAF             | BOMER     |                 | TF              | FB           | 1.00       | 104.87        | 7.00            | 3000            |
| JOJED       | IAF             | BOMER     |                 | TF              | FB           | 1.00       | 285.07        | 7.00            | 3000            |
| BOMER       | IF              | ZETKO     |                 | TF              | FB           | 1.00       | 014.97        | 5.93            | 2500            |
| ZETKO       | FAF             | RW02L     | MAP             | TF              | FO           | 0.30       | 014.99        | 5.34            |                 |
| RW02L       | MAP             | 1300 MSL  |                 | CA              |              |            | 014.99        |                 | 1300            |
| 1300 MSL    |                 | HINCK     |                 | DF              | FO           | 1.00       |               |                 | 3000            |

**MISSED APPROACH**

**MAP:**

LPV: DA  
 LNAV/VNAV: DA  
 LNAV: RW02L

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1300 THEN CLIMBING LEFT TURN TO 3000 DIRECT HINCK AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT BOMER

3. FAF: 014.99FAF: ZETKODIST FAF TO MAP: 5.34DIST FAF TO THLD: 5.34

4. MIN ALT: BOMER 3000, ZETKO 2500

5. DIST TO THLD FROM OM:MM:IM:150 HAT:200 HAT: 0.48GS ANT:

6. MIN GP INCPT: 2500GP ALT AT PFAF : ZETKO 2500OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 49.7

8. MSA FROM: RW02L 3400

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING RWY 15, 28, 33 NA AT NIGHT.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20°C OR ABOVE 54°C.  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CATS C/D VISIBILITY TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 181.00 INBOUND.  
FAS OBST: 990 AAO 414922N/0881735W.  
CHART 1187 TOWER 414827N/0881607W.  
CHART VDP AT 1.44 NM TO RW02L.  
WAAS CHANNEL # 86830  
REFERENCE PATH ID: W02B  
CHART AT OR ABOVE 3000 AT JOJED.  
LTP HAE: 195.7 M

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.

| 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       | 954    | 1800 | 200     | 954    | 1800 | 200     | 954    | 1800 | 200     | 954    | 1800  | 200     |        |     |         |
| LNAV/VNAV DA | 1214   | 4500 | 460     | 1214   | 4500 | 460     | 1214   | 4500 | 460     | 1214   | 4500  | 460     |        |     |         |
| LNAV MDA     | 1260   | 2400 | 506     | 1260   | 2400 | 506     | 1260   | 5500 | 506     | 1260   | 5500  | 506     |        |     |         |
| CIRCLING     | 1260   | 1    | 501     | 1360   | 1    | 601     | 1460   | 2    | 701     | 1460   | 2 1/4 | 701     |        |     |         |



**CHANGES - REASONS**

1. DELETED FEEDER FROM PLANO TO CEXAB - AIRSPACE REDESIGN FOR TRAFFIC SEPARATION.
2. DELETED INITIAL FROM CEXAB TO BOMER - AIRSPACE REDESIGN FOR TRAFFIC SEPARATION.
3. DELETED INITIAL FROM JOT VDMC TO BOMER - AIRSPACE REDESIGN FOR TRAFFIC SEPARATION.
4. ADDED INITIALS FROM JOJED/SHWAG TO BOMER - AIRSPACE REDESIGN FOR TRAFFIC SEPARATION.
5. DELETED HIL COURSE REVERSAL AT BOMER - HIL DOES NOT SERVE ANY FUNCTION.
6. CHANGED MISSED FROM "CLIMB TO 1300 THEN CLIMBING LEFT TURN TO 3000 DIRECT NUELG" TO "CLIMB TO 1300 THEN CLIMBING LEFT TURN TO 3000 DIRECT HINCK" - AIRSPACE REDESIGN FOR TRAFFIC SEPARATION.
7. CHANGED MISSED HOLDING FROM NW, RT 150.93 AT NUELG TO N, RT, 181.00 AT HINCK - MISSED HOLDING CHANGED FROM NUELG TO HINCK. NEW PATTERN ALLOWS FOR DIRECT ENTRY.
8. DIST FROM 200 FT HAT CHANGED FROM 0.47 TO 0.48 - PFAF MOVED 1.54 FT.
9. ADDED 20:1 IS CLEAR TO PROFILE LINE 7 - NEW REQUIREMENT.
10. ADDED PBN REQUIREMENTS NOTE RNP APCH-GPS - NEW REQUIREMENT.
11. DELETED DME/DME RNP-0.3 NA NOTE - REPLACED BY PBN REQUIREMENT NOTE.
12. UPDATED UNCOMPENSATED BARO-VNAV NOTE: DELETED FAHRENHEIT VALUES; CHANGED BELOW VALUE FROM -16C TO -20C - FAHRENHEIT VALUES NO LONGER REQUIRED; NEW TARGETS CALCULATION.
13. CHANGED INOPERATIVE NOTE FROM "FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 1/8 MILE AND LNAV CAT C/D VISIBILITY TO 1 3/8 MILE" TO "FOR INOPERATIVE ALS, INCREASE LNAV CATS C/D VISIBILITY TO 1 3/8 SM." - RVR SENSOR NOW INSTALLED RESULTING IN VISIBILITY MINS CHANGING CAUSING DIFFERENT ADJUSTMENT.
14. DELETED BACK-UP ALTIMETER SETTING NOTES - KDPA ALTIMETER SOURCE IS ON WMSCR, MOVED TO BACK OF 8260-9 AS CONTINGENT WHEN NEEDED BY NOTAM.
15. LPV ALL CATS VISIBILITY CHANGED FROM 1/2 SM TO RVR 1800 - RVR SENSOR NOW INSTALLED RESULTING IN RVR VISIBILITY MINS; 1800 AUTHORIZED IAW FAA ORDER 8400.13.
16. UPDATED LNAV/VNAV ALL CATS MINIMUMS: DA/HAT CHANGED FROM 1114/360 TO 1214/460; VISIBILITY CHANGED FROM 3/4 SM TO RVR 4500 - NEW CONTROLLING OBSTACLE AND RVR SENSOR NOW INSTALLED RESULTING IN RVR VISIBILITY MINS.
17. UPDATED LNAV VISIBILITIES: CATS A/B CHANGED FROM 1/2 SM TO RVR 2400; CATS C/D CHANGED FROM 1 SM TO RVR 5500 - RVR SENSOR NOW INSTALLED RESULTING IN RVR VISIBILITY MINS.
18. CRC REMAINDER CHANGED FROM 6704E491 TO 60170357 - LTP AND FPAP COORDINATES UPDATED.
19. DELETED PROCEDURE NA NOTE FOR ENTRY AT JOT VOR/DME - JOT TO BOMER INITIAL DELETED FROM PROCEDURE.

**COORDINATED WITH:**

**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZAU ARTCC, ORO APP CON, DPA ATCT, AMGR

**FLIGHT CHECKED BY**

BRIAN P CARSON

*Digitally signed by*  
**CASIMIR L TABAKA**

Apr 07, 2023

**OFFICE**

FPO

**DATE**

04/06/2023

**DEVELOPED BY**

KELLY DEAN

*Digitally signed by*  
**KELLY D DEAN**

Feb 09, 2023

**OFFICE**

AJV-A432

**DATE**

01/05/2023

**APPROVED BY**

CASIMIR TABAKA

*Digitally signed by*  
**CASIMIR L TABAKA**

Mar 21, 2023

**OFFICE**

AJV-A432

**DATE****TITLE**  
MANAGER

FAS DATA BLOCK INFORMATION

| <u>DATA FIELD</u>                        | <u>DATA</u>   |
|--|---------------|
| OPERATION TYPE                           | 0             |
| SBAS SERVICE PROVIDER IDENTIFIER         | 0             |
| AIRPORT IDENTIFIER                       | KDPA          |
| RUNWAY                                   | RW02L         |
| APPROACH PERFORMANCE DESIGNATOR          | 0             |
| ROUTE INDICATOR                          |               |
| REFERENCE PATH DATA SELECTOR             | 0             |
| REFERENCE PATH IDENTIFIER (APPROACH ID)  | W02B          |
| LTP/FTP LATITUDE                         | 415338.5095N  |
| LTP/FTP LONGITUDE                        | 0881512.7655W |
| LTP/FTP ELLIPSOIDAL HEIGHT               | +01957        |
| FPAP LATITUDE                            | 415504.9950N  |
| FPAP LONGITUDE                           | 0881443.8685W |
| THRESHOLD CROSSING HEIGHT (TCH)          | 00049.7       |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F             |
| GLIDEPATH ANGLE (GPA)                    | 03.00         |
| COURSE WIDTH AT THRESHOLD                | 106.75        |
| LENGTH OFFSET                            | 0440          |
| HORIZONTAL ALERT LIMIT (HAL)             | 40.0          |
| VERTICAL ALERT LIMIT (VAL)               | 35.0          |
| <br>                                     |               |
| CRC REMAINDER                            | 60170357      |

ADDITIONAL PATH POINT RECORD INFORMATION

|                         |        |
|-------------------------|--------|
| ICAO CODE               | K5     |
| LTP ORTHOMETRIC HEIGHT  | +02288 |
| FPAP ORTHOMETRIC HEIGHT | +02288 |

